

**2010
Lowel-Light
Catalog**



**Lights,
Controls,
Mounts
& Kits
for Imaging
Professionals
from the
World Leader
in Location
Lighting**



lowel  [®]

The Lowel Approach

Why Lowel?

Lowel lighting equipment is primarily used in professional digital video & digital photography, as well as film based, photographic production. While we are considered the worldwide standard for location lighting, we also have equipment designed specifically for studio production and video conferencing applications. Our lights, controls, mounts and kits are designed and built for rugged dependable use, ease of operation & portability.

For an informational overview to choosing lights, accessories and kits, please consult the Resource section in the back of this catalog, or visit www.lowel.com.

Innovation

From 1959, when we introduced the triple-patented Lowel-light system and Gaffer-tape, to the present, we have consistently created unique professional lights and kits. Our innovations have made it easier to transport, set-up, control and maintain lighting equipment.

Evolution

We listen to feedback from working professionals about their changing needs. We incorporate those ideas into designing, refining and testing new equipment before releasing it. We also use that feedback to improve existing items in our product line.

Contact Lowel

Our equipment is sold through Authorized Lowel Dealers in the US, Distributors or Dealers in other countries.

For questions, comments, or names of Dealers in your area, contact us.

**Call: 800 645-2522
Fax: 631 273-2557**

e-mail us at info@lowel.com
Visit us on the internet at www.lowel.com



Versatility

Our lights and accessories are designed to provide additional creative options on location because they are multi-functional.

Integration

Many Lowel components can be used interchangeably among several of our lighting systems. For instance, the Tota-brella converts five different fixtures to soft sources; the Tota-frame can be used with 4 different lights.

Compact Kits

Integration and fold-up components allow Lowel to offer more than fifty single-case kits (created from one or more of our lighting systems) with as many as forty accessories in a kit, selected to handle a wide range of lighting situations. Typically, Lowel kits are kept in active use for 10 years or more.

Sales & Service

Lowel warranties light fixtures for two years, stands for five years (see warranty). Lowel repair service is well known for quality of workmanship, fairness in warranty interpretation and fast turn-around time. We offer a free parts book with detailed illustrations of all repairable equipment.

Patents

- Tape up, clamp-on Lowel-light
- Fold-up barndoors
- Roll-up, floodable Variflector
- Quartz light with interchangeable reflectors (D/DP)
- Fold-up Softlight
- Tota-light system
- Omni-light system
- Frame-up, folding flag/gel frame
- Lobo clamp
- Pro and i light systems
- Folding fluorescent, Light-Array
- V-light
- Blip light controls
- Tota-shade
- Fin-S barndoor extension
- Hollywood-strip light control
- Rifa-lite soft light
- Fren-L 650
- LowelDimmer
- Missing Link clamp
- Caselite
- Caselite mounting system
- Studio fluorescent DMX addressing
- IR DMX Controller
- IR DMX Translator
- Lowel Ego tabletop digital imaging light
- Lowel Rifa eXchange
- Lowel SoftCore

Some Notable Awards

- Technical Achievement Academy Award, Academy of Motion Picture Arts and Sciences.
- John Grierson Gold Medal, Society of Motion Picture and Television Engineers.
- Lightfair Technical Innovation Award.

www.lowel.com

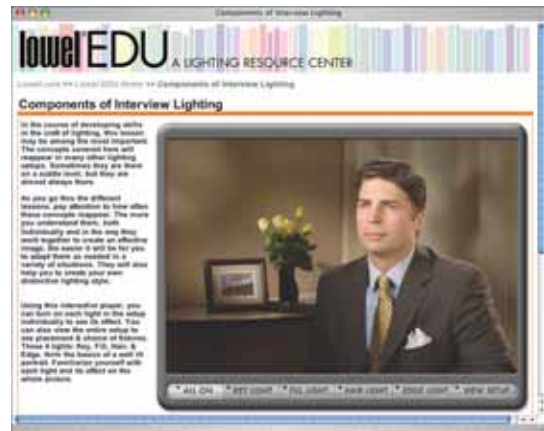
Our Website Offers the Latest Information



- The most up to date & easy to navigate information on the complete Lowel product line. Continually updated.
- Online Parts. Need a part? Now you can find it at lowel.com.
- Want to know what trade shows we're planning to be at? The site has it.
- Need downloadable instructions for our lights? You'll find them at lowel.com

Learn to Light Better at Lowel EDU...

the innovative Lighting Resource Center at lowel.com



Foundations

- Learn the basics, with interactive image players that allow you to move the lights around or dissect a fully lit setup & see the results. Improve your understanding of Light Control & Mounting accessories.

Lessons














- Learn interview lighting with our most popular kits. Also, Lighting for HD, and special use lighting such as: Location Green Screen, Sculpture/3D art, lighting glass, and using the set of accessory lampheads for the Rifa eXchange System.

Resources

- Choosing the right lights & accessories, lighting glossary, and more.

This Catalog PDF features an interactive Contents Page. Click on any icon to go to that section or page.

Light Systems pp. 4-41

 Blender pp. 4, 5	 ViP pp. 6-11	 Tota/Omni pp.12-15	 DP pp. 16, 17	 L-light p. 18	 Rifa eX pp. 19-25	 SoftCore pp. 26-27
 Caselite pp. 28, 29	 LowelScandles p. 30	 Lowel TRIO p. 31	 Lowel Fluo-Tec pp. 32-37	 Lowel e-studio pp. 38, 39	 Lowel Ego pp. 40, 41	

Light Controls p. 42,43

Reflectors, Umbrellas & Flags
p. 42



Gels, Gel Frames &
p. 43



Mounts pp. 44-47

Stands, Poles &
pp. 44, 45



Clamps & Mounts
pp. 46, 47



Booms & Rigs
p. 47



Cases pp. 48-53

Hard Cases pp. 48-51



Soft Cases pp. 52, 53
& Lampaks



Kits pp. 54-75

Our Most Popular Kits



8 Top Selling Suggestions p. 55

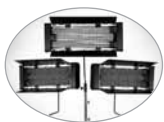
New Kits



Blender p. 56



SoftCore p. 57



TRIO p. 57

Lowel DV Creator & Multi System Kits



Lowel DV Creator pp. 58, 59
Super Ambi p. 59

Rifa eX & eXchange Accessory Packs pp. 60-65



DP pp. 73, 74

System & System Plus Kits



Tota/Omni pp. 66-69



ViP pp. 70-72



Caselite p. 75



LowelScandles p. 75



L-light p. 75

Resources pp. 68-79

Matters of Light & Depth by Ross Lowell pp. 76, 77
Terms of Enlightenment pp. 78, 79

Choosing a Light p. 80
Controlling the Light p. 81

Using Mounts p. 82
Choosing a Kit p. 83
Safety p. 83

Policies p. 84
Repairs, Parts, Warranties

Indexes pp. 85-87



Variable Color LED — 7.5-12v, 120-240v

Bring Intuitive Lighting to Your Location.

2 sets of LED's in Tungsten & Daylight color are quickly & easily blended. Perfectly match the mixed light sources of your real world location, or create a contrasting color blend to make your subject stand out. Let your creative instincts be your guide.

Powered by AC or battery for maximum flexibility.

Twin sets of 5000k Daylight and 3000k Tungsten LED's, with rotary dimmer controls for each on the back of the fixture.

Blender packs more punch than you've come to expect from compact LED lights.

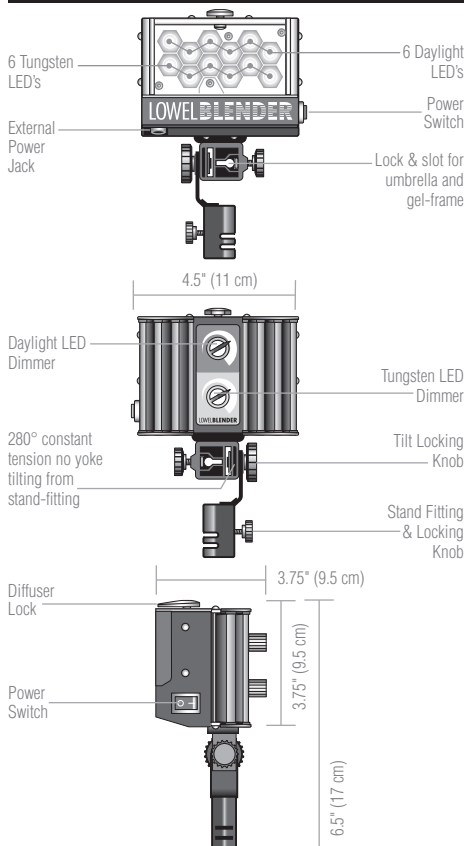
The lamphead's compact size (4 x 3 x 3") makes it small enough to fit on a pistol grip or compact light stand.

Powered by AC, Camcorder Battery Sleds, or conventional 12v connections.

Supplied with a set of front diffusers for variable softening & diffusing of the blended output.



LOWEL BLENDER™



Technical Data

Size: 6.5 x 4.5 x 3.5", (17 x 11 x 9 cm)
Weight less cable: 1.2 lbs. (550 g)
Max. amperage: 1.25 - 3, depending on input voltage
Beam control: Fixed focus LEDs with accessory diffusers to vary quality
Fits on: 5/8" (1.59 m) studs and accessories
Materials: Primarily aluminum steel, & thermo plastic
Switch: in-head
Patent Pending



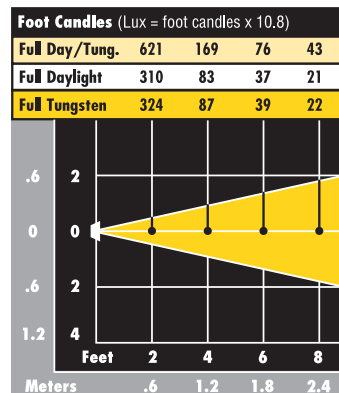
Dial Blenders Daylight & Tungsten LED dimmers to quickly match your real world location.

Visit the **Been There. Lit That.** section of Lowel.com to see how photographer Stan Patz shot these 3 images in different lighting environments, using only Lowel Blender in addition to the existing ambient light of the location.

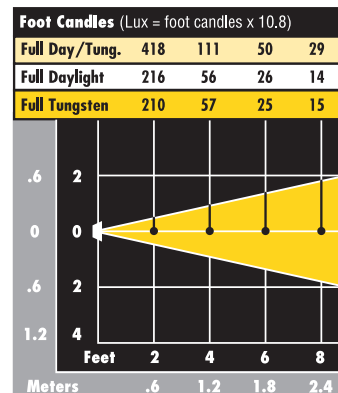
Performance

The below charts show foot candle readings for Lowel Blender, at full combined brightness (both daylight & tungsten LED's), as well as daylight and tungsten LED's separately at full brightness. Readings are shown with & without supplied Lite Frost front diffuser attached.

Without Diffuser



With Lite Frost Diffuser



Beam angles-points at which intensity drops to 50% of maximum.

Readings taken with Minolta CL-200 meter.

Lights &

Lowel Blender

Code: BLN-10

Weight: 2.5 lbs (1.13 kg)

Lowel Blender with supplied front clear safety plastic, auto voltage-setting AC adaptor (with 120v Edison & 240v 2 pin Euro plugs), & 3 accessory front diffusers.

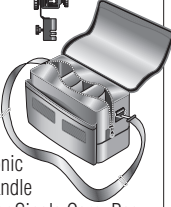


Lowel Blender AC/DC Pack

Code: BLN-911LB

Weight: 4.7 lbs (2 kg)

1 Lowel Blender with auto voltage-setting AC adaptor (with 120v Edison & 240v 2 pin Euro plugs) & 3 front diffusers (BLN-10), Panasonic camcorder Battery Sled, Handle & Stud (ViP-431) in Blender Single Carry Bag.



Code: BLN-912LB

Same as above with Sony Battery Sled (BSLD-12)

Code: BLN-913LB

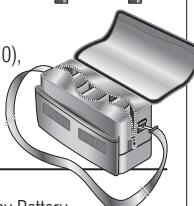
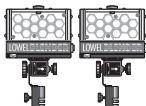
Same as above with Canon Battery Sled (BSLD-13)

Lowel Blender Duo AC/DC Pack

Code: BLN-921LB

Weight: 4.7 lbs (2 kg)

2 Lowel Blenders as described above (BLN-10), 2 Panasonic camcorder Battery Sleds, Handle & Stud (ViP-431) and Blender Duo Carry Bag.



Code: BLN-922LB

Same as above with Sony Battery Sled (BSLD-12)

Code: BLN-923LB

Same as above with Canon Battery Sled (BSLD-13)

Blender Light Controls

Blender Front Accessories (set of 4)

Code: BLN-50

Weight: 2 oz (.05 kg)

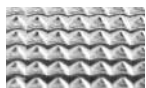
To vary the diffusion & character of the blended output. Set of 4 upfront accessories: 1 Clear Safety Guard, plus 3 diffusers: Lite Frost, Cracked Ice, and Prismatic. (See images for closeup detail of textures).



Lite Frost



Cracked Ice



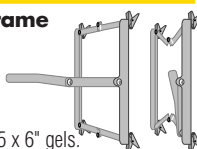
Prismatic

Pro & i Gel Frame

Code: iP-40

Weight: 2 oz (56 g)

Locks directly into Blender. Holds 5 x 6" gels. Collapses for storage like Tota-frame.



Light Controls Continued

Tota-brella



Standard/Silver

Code: T1-25

Weight: 8 oz (227 g)

Size: 27" open (68.6 cm), 19" closed (48.3 cm)

Locks directly into Blender to soften its output
Note: output will be lowered.

Special/White

Code: T1-26

Same as above with extremely soft, white reflective surface.

Mounts

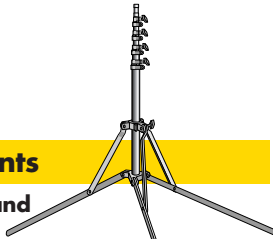
Uni-stand

Code: UN-33

Weight: 2.4 lbs (1.1 kg)

Size: 21.5" (54.6 cm) folded.

Alternative to Omni-stand, smaller (folded) & lighter weight. All Aluminum stand, extends to 7'11". Wide base, legs can lie flat to floor for increased versatility, large locking knobs, folds compactly to fit in smaller kits.



Handle & Stud

Code: ViP-431

Weight: 3 oz (85 g)

For hand holding ViP lights. Updated Handle with 1/4-20 screw-threaded post, and 5/8" Stud with 1/4-20 screw-thread hole in bottom. Without Stud, Handle accepts screw-thread at bottom of UMB on Blender. With Stud, can accept Blender or other small lights with 5/8" stand-fitting.



Low-link

Code: ViP-37

Weight: 1 oz (28 g)

It enables the Blender to be camera-mounted with a Camlink or a 1/4-20 screw.



Stud-link

Code: ViP-38

Weight: 1 oz (28 g)

5/8" (1.59 cm) stud with 1/4-20 screw, supplied with the ViPod. Can be used with Cam-link or directly on some video cameras.



Cam-link

Code: ViP-41

Weight: 1 oz (28 g)

Locks onto video cameras that have a female shoe. It accepts a Low-link, L-link, or Stud-link.



Cam-link & Stud-link

Code: ViP-41S

Weight: 2 oz (57 g)

Cam-link & Low-link

Code: ViP-41L

Weight: 2 oz (57 g)

For Blender camera shoe mounting.

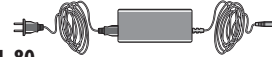
Power Options

Blender AC Adaptor

Code: BL-80

Weight: .8 lbs (.4 kg)

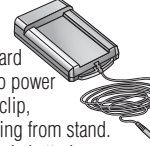
Power supply auto-sets from 120 - 240v. With AC cable plugs to fit 120v USA & 240v Euro 2 pin.



Panasonic Battery Sled

Code: BSLD-11

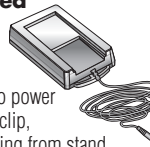
Accepts Panasonic standard DV camcorder batteries to power Lowel Blender. With belt clip, and velcro strap for hanging from stand. Fits the following Panasonic batteries: CGA-DU07/14/21, CGA-S001/002, CGR-D120/D220/D320, CGR-S006A/S602/S603, CGR-D53S/D54S, plus Samsung - SB-L70G/L110G



Canon Battery Sled

Code: BSLD-13

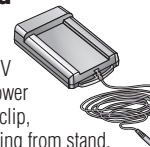
Accepts Canon standard DV camcorder batteries to power Lowel Blender. With belt clip, and velcro strap for hanging from stand. Fits the following Canon batteries: Canon - BP-2L12/2L14/2L5, BP-911/914/915/924/927/930 /941/945/950G/970G, NB-2L/2LH, JVC - BN-V408U/416U/428U, plus Samsung - SB-L110/L160/L220/L320/L480



Sony Battery Sled

Code: BSLD-12

Accepts Sony standard DV camcorder batteries to power Lowel Blender. With belt clip, and velcro strap for hanging from stand. Fits the following Sony batteries: NP-F330, NP-F550, NP-F730H, NP-F750, NP-F950, NP-FM50, NP-FM70, NP-FM90



Blender Cigarette Plug Cable

Code: BL-85

Adapts Blender power connector jack to Cigarette Lighter plug for battery use. Length, 5 ft.



Blender 4-Pin XLR Cable

Code: BL-82

Adapts Blender power connector jack to male 4-pin XLR plug for battery use. Length, 5 ft.



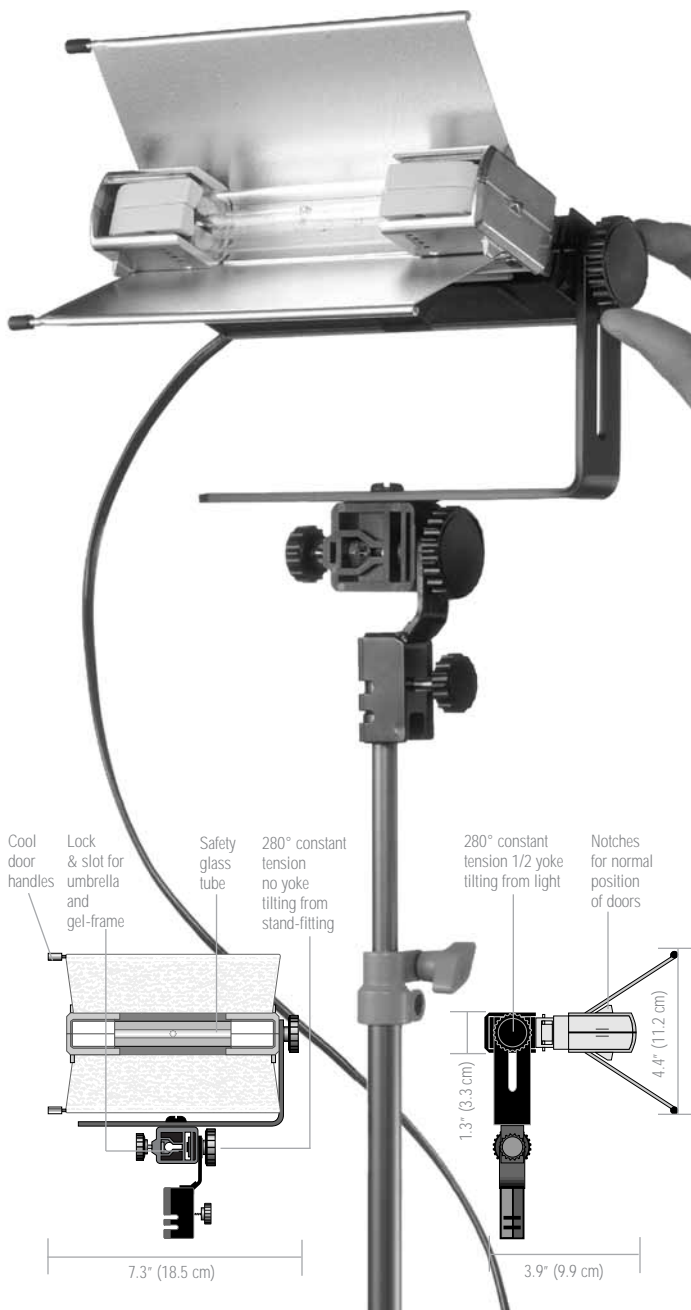
Blender Anton Bauer Cable

Code: BL-83

Adapts Blender power connector jack to male Anton Bauer D-Tap plug for battery use. Length, 5 ft.



Broad Throw — 120, 220/240; 500w



Powerful enough to light a small room yet small enough to fit in a large pocket, the versatile V-light can be used as a broad, key, fill (with umbrella or diffusion gel), back-light, or background light.

The perfect partner for the Pro-light, it's also excellent for copy work.

Extreme wide angle, smooth, multi-use, tungsten halogen source.

Watts:
500 at 120v, 500 at 220 & 240v.

Light controls:
umbrella, gel-frame, gels, flags, etc.

Tilting:
280°, adjustable, constant-tension, one-handed, tilting.

Protective glass tube
surrounds low-pressure lamp (must always be used).

Closes compactly for storage and travel.

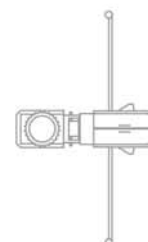
CE Approved 230v model available.



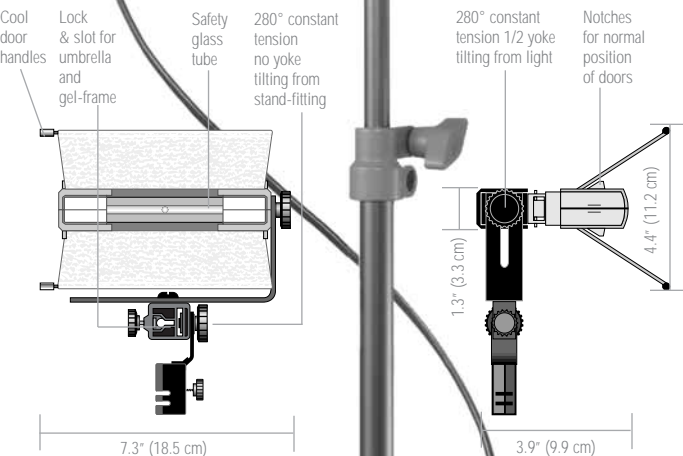
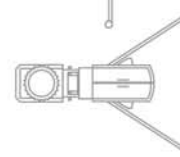
Closed for storage and travel



Doors at 180°



Normal: maximum illumination



Technical Data

Size closed:
7.3 x 7.3 x 1.3", (18.5 x 18.5 x 3.3 cm)
Weight with cable: 1.5 lbs. (680 g)
Max. wattage: 500
Max. amperage: 4.2 at 120 volts
Beam control: door angle provides vertical beam control
Fits on: 5/8" (1.59 m) studs and accessories
Materials: primarily aluminum and Ryton
Cable: 16' (4.88 m) #18/2
Switch: in-head
U. S. Patent: 4322779

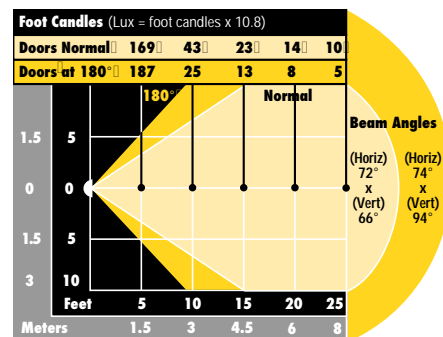
Lamp/Beam Data

Lamp Code	Volts	Watts	°K	Avg Life	F. C. (Lux) at 10' (3 m)	
					doors norm	doors 180°
GDA	120	500	3150	100 hr	43 (465)	25 (270)
V1-240/250	240/250	500	3150	100 hr	37 (395)	20 (215)

The above lamps are low-pressure lamps. Tota and V lamps are not interchangeable.

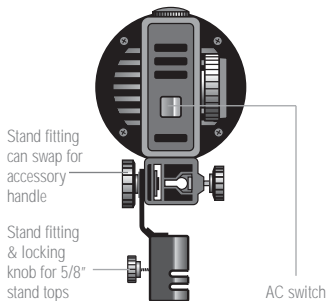
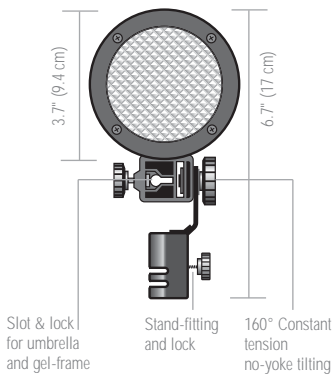
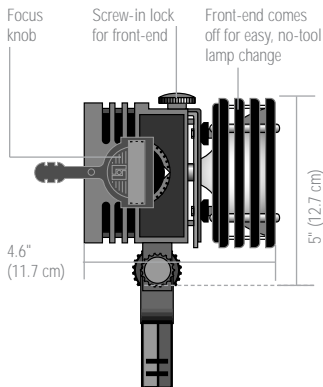
Performance

With 120v, 500w, 3150°K, GDA lamp



Beam angles-points at which intensity drops to 50% of maximum

Pro Specs



With its high intensity Reflector & Prismatic Glass, the tiny focusable Pro-light is more efficient than a mini-fresnel of equal wattage. It gives an exquisite even light, with fresnel-like shadow quality, evenly dispersed flood, and a uniform spot with significant barndoor cut.

Variable Focus —12, 30,120, 230v; 50-250w



Used with today's more light sensitive digital cameras & filmstocks, its compact size makes it the perfect low-level key or accent light, fill light (with diffusion), or back-light for interviews & other small shooting-areas. In addition to a wide variety of customizing & control accessories, its versatility can be increased by adding a DC adapter cable & swapping its bulb for battery operation. Replace the Prismatic Glass with Clear Safety Glass for a non-focusing super-spot in special use situations.



The combination of the focusable 200 Watt Pro-light and the 500 Watt V-light, with its ability to broadly cover a wide area evenly, creates the foundation of a lighting system that easily can handle most contemporary run & gun shooting duties. The versatility of the ViP system is significantly enhanced by the wide selection of light control and mounting accessories.

Multi-use, tungsten halogen source.

Focus range-6:1 with FVL lamp.

Max. Watts: 250 & 125 at 120v, 200 at 30v, 100 & 50 at 12v. 235 at 230v.

Tilting: 160°, adjustable, constant-tension, one-handed, no-yoke tilting.

Recommended 200w FVL lamp is more efficient than 250w GCA in output, with greater focus range and significantly longer life.

Pro-light 230v Euro dedicated CE approved model is also available.

Lamp/Beam Data

(Pro & I/id lamps are not interchangeable)

Lamp Code	Volts	Watts	°K	Avg Life	Flood	Foot Candles (Lux) at 10' (3 m)		
						Spot	Focus Range	Super Spot
FVL	120	200	3200	200 hr	23 (250)	143 (1540)	6:1	302 (3260)
GCA	120	250	3200	100 hr	26 (285)	131 (1420)	5:1	389 (4200)
FSH	120	125	3200	100 hr	11 (115)	48 (515)	4.5:1	139 (1500)
GCB	30	200	3200	100 hr	17 (180)	79 (850)	5:1	269 (2900)
GCC	12	100	3200	100 hr	12 (125)	58 (630)	5:1	245 (2650)
JCV14.5V-50WC 12/14	50	50	3200	100 hr	6 (70)	28 (305)	4:1	125 (1350)
GLF/P44 *	230	235	3200	100 hr	39 (420)	81 (880)	2:1	178 (1920)

* Only fits CE Pro-light, updated Pro-light (4/2003) & older Pro-lights with updated Front Housing (IP2-18)

Technical Data

Weight:
Pro-light with 4' captive cable: 1.3 lbs (590 g)
With 4' cable & 12' extension cable: 2 lbs (907 g)

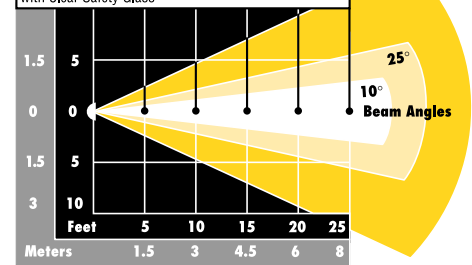
Max. wattage: 250
Max. amperage: 8.3
Beam control: continuously variable
Fits on: 5/8" (1.59 cm) studs
Materials: primarily aluminum and

Ryton
Cable: with extension 16' (4.88 m) #18/3. CE model with #18/2.
Switch: in-head
U.S. Patent: 4777566

Performance

With 120v, 200w, 3200°K, Osram FVL lamp

Foot Candles (Lux = foot candles x 10.8)					
Flood	86	23	11	7	4
Spot	552	143	61	34	22
Super Spot with Clear Safety Glass	1139	302	135	80	47



Beam angles-points at which intensity drops to 50% of maximum

Variable Focus Dimmable & Non-dimmable models — 12/14v; 55, 100w

The focusable, i-light & id-lights are great DC powered location choices. They provide essential key or fill light, eye-light, and contrast control, when lighting for news and documentary shoots, without overwhelming available light.

Choose the dimmable id-light or the non-dimmable i-light, both fitted with a high intensity reflector & Prismatic Glass to give an even flood & uniform spot, and a full range of light control & mounting accessories to bring convenience & dependability to places where AC dares not go.

They're very popular with wedding & event shooters,

who often attach to a Lowel Half Pole boom, and dim it down low, to add just the right amount of warm fill to candle-lit shots.

By the way, they also make great broadcast camera-top lights.



The dimmable id-light provides increased versatility, especially in news & documentary use where lighting conditions may change quickly.

Its 20KHz dimmer provides graceful dimming with no electronic interference to broadcast cameras.

Both i & id-lights share accessories with the Pro-light.

Multi-use, tungsten halogen source.

Focus range-5:1 with i-100 lamp.

Watts: uses 55 & 100 Watt inexpensive, automobile halogen lamps at 12/14v.

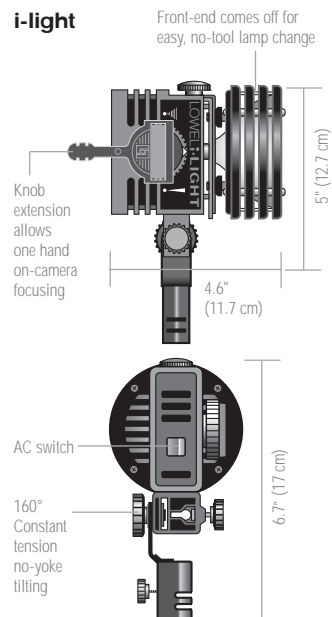
i & id-lights fitted with high intensity #2 Reflector and Prismatic Glass for high quality flood and spot, just like Pro-light.

Replace Prismatic Glass with Clear Safety Glass for high intensity long throw super spot use.

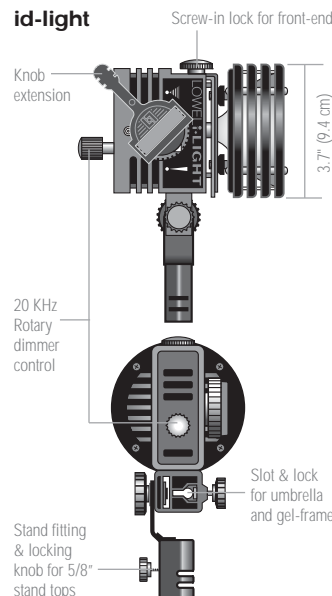
Tilting: 160°, adjustable, constant-tension, one-handed, no-yoke tilting.

i & id Specs

i-light



id-light



Lamp/Beam Data (Pro & i/id lamps are not interchangeable)

Lamp Code	Volts	Watts	°K	Avg Life	Foot Candles (Lux) at 10' (3 m)			
					Flood	Spot	Focus Range	Super Spot
i-100	12/14	100	3200	500 hr*	9 (99)	40 (430)	5:1	167 (1800)
i-55	12/14	55	3200	500 hr*	4 (40)	29 (315)	8:1	120 (1300)

*At 12v.

Technical Data

Weight:

i-light with 4' cable:

1.2 lbs (544 g)

id-light with 4' cable:

1.5 lbs (635 g)

Max wattage: 100

Max amperage: 8.3

Beam control:

continuously variable

Fits on: 5/8" (1.59 cm)

stands, studs, camera tops, etc.

Materials: primarily aluminum and Ryton

Cable: 4' (1.25 m)

#16/2 with cigarette

lighter connector

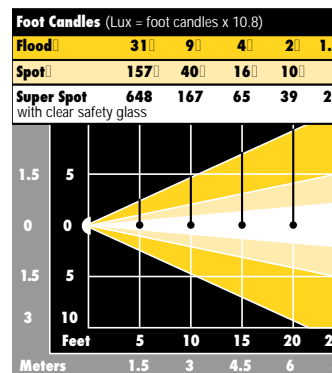
CE Model with #18/2 cable

Switch: in-head

U.S. Patent: 4777566

Performance

With 12v, 100w, 3200°K, i-100 lamp



Beam angles-points at which intensity drops to 50% of maximum

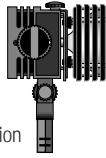
Lights &

Pro-light

Code: P2-10

Weight: 2 lbs (907 g)

Upgraded with 4' captive cable & IEC connector, 12-foot IEC extension AC cable, standard 3-wire plug, Stand-fitting (less lamp).



Code: P2-10CE

Dedicated CE approved 230v Euro model.

Pro-light with lamp

Code: P2-101

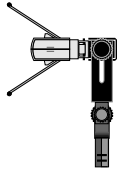
Same as P2-10 but with 120v, 200w FVL lamp.

V-light

Code: V1-10

Weight: 1.5 lbs (680 g)

With 16-foot cable, protective lamp sleeve, L-link, Stand-fitting (less lamp).



Code: V1-10CE

Dedicated CE approved 230v Euro model with CEE 716 plug

V-light with lamp

Code: V1-101

Same as V1-10 but with 120v, 500w GDA lamp.

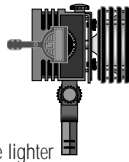
i-light Complete Set

Code: i-01

Weight: (light only)

1.2 lbs (544 g)

i light with 55 watt lamp, 4' captive cable with cigarette lighter connector, Low-link (ViP-37), Cam-link (ViP-41), iP Focus-knob Extension (iP-35) spare 100 watt lamp & ViP Stand-link (ViP-39).



i-light Complete Set

Same as above with:

i-02 4-pin XLR connector

i-045 Anton Bauer tap

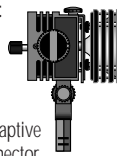
id-light Complete Set

Code: id-01

Weight: (light only)

1.5 lbs (680 g)

id-light with 55 watt lamp, 4' captive cable with cigarette lighter connector, Low-link (ViP-37), Cam-link (ViP-41), iP Focus-knob Extension (iP-35), spare 100 watt lamp & ViP Stand-link (ViP-39).



id-light Complete Set

Same as above with:

id-02 4-pin XLR connector

id-045 Anton Bauer tap

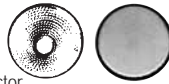
Pro & i Upgrades & Front Housing

iP Retrofit Kit

Code: iP-14

Weight: 2 oz (56 g)

High intensity #2 Reflector (iP-17) & Prismatic Glass (iP-52). Use to upgrade earlier Pro & i-lights.



Clear Safety Glass

Code: iP-49

When used with #2 Reflector, becomes a non-focusing high intensity spot.



Front Housing & Clear Safety Glass

Code: iP2-19

#2 Reflector, with front housing & clear safety glass. For non-focusing spot only.



Pro-light Front Housing

Code: iP2-18

Upgraded Front housing With installed #2 reflector & Prismatic Glass, supplied with upgraded (4/2003) Pro-light.

Pro & i Focus-knob Extension

Code: iP-35

Weight: 1 oz (28 g)

This handle snaps onto the focus knob on Pro and i-lights for left-hand focusing in on-camera news work.



Stand-link

Code: ViP-39

Weight: 2 oz (56 g)

Rugged metal Stand-link mounts on 5/8" and smaller studs. Supplied with all ViP lights.



ViP Light Controls

Flag-link

Code: ViP-50

Weight: 1 oz (28 g)

Attaches to ViP lights. Accepts one Flexi-shaft.

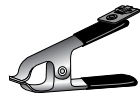


Tota-tatch

Code: T1-34

Weight: 3.5 oz (98 g)

Attaches to stands, shelves, tripods, etc. Accepts one Flexi-shaft.



Flexi-shaft (2)

Code: T1-50

Size: 16" (40.65 cm)

Weight: 4 oz (113 g)

Flexible arm snaps onto Flag-link, Tota-tatch, or Tota-clamp and positions a Tota-flag or Tota-flector. (Pkg of 2).



Tota-flag

Code: T1-52

Size: 8 x 12" (20.3 x 30.5 cm)

Weight: 4 oz (113 g)

Black aluminum panel attaches to a Flexi-shaft for shadowing subject, background or lens.



ViP Light Controls

Tota-brella



Standard/Silver

Code: T1-25

Weight: 8 oz (227 g)

Size: 27" (68.6 cm) open, 19" (48.3 cm) closed.

Locks directly into all ViP lights to convert to small softlights. Recommended primarily for the V-light.

Special/White

Code: T1-26

Same as above with extremely soft, white reflective surface.

Tota-frame

Code: T1-20

Weight: 6 oz (170 g)

Size: Folded 12 x 1 x 1" (30.5 x 2.5 x 2.5 cm)

Holds 10 x 12" (25.4 x 30.5 cm) gels.

Locks directly into V-light, pans and tilts with the light. Also fits Pro & i lights.



Tota Gels (5)

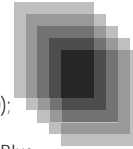
Size: 10 x 12" (25.4 x 30.5 cm) sheets

(Pkg of 5); Day Blue (T1-70);

ND 3 (T1-71); Frost

(T1-72); Assorted—3 Day Blue,

1 Frost, 1 ND 3 (T1-78).



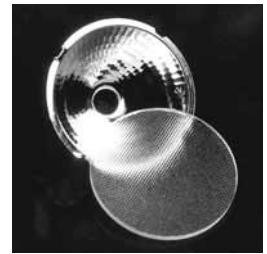
Tota/Omni Gel Frame

Code: GF-10

Size: 11 x 13" (27.9 x 33 cm)

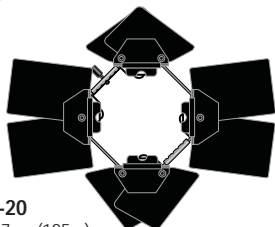
Weight: 9 oz (255 g)

Stores 10 x 12" gels for Tota/Omni Gel frame.



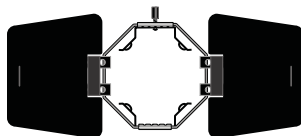
Pro, i Light Controls

4-way Barndoor



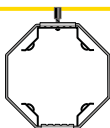
Code: iP-20
Weight: 7 oz (195 g)
 Barndoor Frame with two expandable rectangular leaves, two expandable triangular leaves. Accepts swing-in accessories. Rotates 360°.

2-way Barndoor



Code: iP-25
Weight: 4 oz (113 g)
 Barndoor Frame with two removable Non-expandable Clip-on Leaves (iP-24). Frame accepts swing-in accessories and additional leaves. Rotates 360°.

Barndoor Frame



Code: iP-21
Weight: 2 oz (57 g)
 Barndoor Frame only, accepts swing-in accessories, and/or leaves. Rotates 360°.

Expandable Rectangular Leaf



Code: iP-22
Weight: 1 oz (28 g)
 Changes from small to large rectangle as needed, and can be attached to, or removed from Barndoor Frame.

Expandable Triangular Leaf



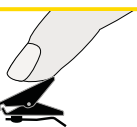
Code: iP-23
Weight: 1 oz (28 g)
 Changes from triangular to square shape as needed and can be attached to, or removed from, Barndoor Frame.

Non-expandable Clip-on Leaf



Code: iP-24
Weight: 1 oz (28 g)
 Rectangular leaf easily clips on to Barndoor Frame.

Gel-Jawz



Code: CL-15
Weight: 2 oz (56 g)
 Package of eight clips. Attach to barndoor leaves to hold gels.

Swing-in Accessory Holder



Code: iP-30
Weight: 1 oz (28 g)
 Accessories can be changed in holders. However, for fast or frequent changes, each should have its own holder. Up to three holders attach to the Pro and i-light Barndoor Frame, for use one-at-a-time.

Swing-in Accessories

Weight with holder: 2 oz (57 g)

Diffused Glass

Softens light, creates gentler, more flattering, but less dramatic, highlights and shadows. Light loss approx. 40% in flood.



iP-50 Without Holder
 iP-50H With Holder

Dichroic Filter

Converts 3200°K light to average daylight. Light loss approximately 50%.



iP-51 Without Holder
 iP-51H With Holder

Full Scrim

Stainless-steel screen reduces light by approximately one stop. Unlike the Diffused Glass (or Frost Gel on Tota-frame) it will not diffuse or soften high-lights and shadows.



iP-54 Without Holder
 iP-54H With Holder

Half Scrim

Stainless-steel screen covers half of the light and rotates 360° to reduce the light on any part of the subject or foreground that is too bright.



iP-55 Without Holder
 iP-55H With Holder

Graduated Scrim

Stainless-steel screen sections reduce light more subtly and more completely than the Half Scrim. Rotates 360°. Useful to control subjects that become too bright as they approach a light, and fall-off on walls and subjects.



iP-56 Without Holder
 iP-56H With Holder

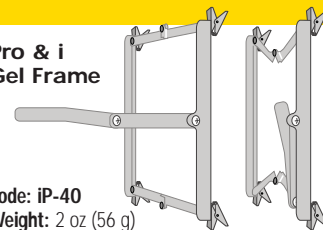
iP Prismatic Glass

Use in Swing-in holder with Clear Glass in front housing for quick change from super spot to focusable.



iP-52 Without Holder
 iP-52H With Holder

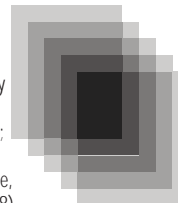
Pro & i Gel Frame



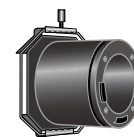
Code: iP-40
Weight: 2 oz (56 g)
 Holds 5 x 6" gels. Collapses for storage like Tota-frame.

Pro & i Gels (5)

Size: 5 x 6"
 (12.52 x 15.25 cm) sheets (Pkg of 5): Day Blue (iP-70); ND 3 (iP-71); Frost (iP-72); Booster Blue (iP-73); Assorted—3 Day Blue, 1 Frost, 1 ND 3 (iP-78).



Snoot



Code: iP-53
Weight: 4 oz (113 g)
 Fits directly on the light. Produces a reduced, soft-edged circle of light. A Barndoor Frame fits on the front, if needed.

Pro, i Camera Mounts

L-link

Code: VIP-36
Weight: 2 oz (57 g)
 Supplied with V-light. It can also be used with the Pro and i-lights and the Cam-link or Vipod to extend or re-position a light.



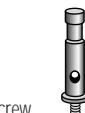
Low-link

Code: VIP-37
Weight: 1 oz (28 g)
 It enables the Pro and i-lights to be camera-mounted with a Cam-link or a 1/4-20 screw.



Stud-link

Code: VIP-38
Weight: 1 oz (28 g)
 5/8" (1.59 cm) stud with 1/4-20 screw, supplied with the Vipod. Can be used with Cam-link or directly on some video cameras.



Cam-link

Code: VIP-41
Weight: 1 oz (28 g)
 Locks onto video cameras that have a female shoe. It accepts a Low-link, L-link, or Stud-link.



Cam-link & Stud-link

Code: VIP-41S
Weight: 2 oz (57 g)

Cam-link & Low-link

Code: VIP-41L
Weight: 2 oz (57 g)
 For Pro- or i-light camera shoe mounting.

Mounts

Uni-stand

Code: UN-33

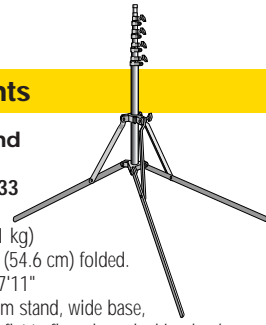
Weight:

2.4 lbs (1.1 kg)

Size: 21.5" (54.6 cm) folded.

Extends to 7'11"

All aluminum stand, wide base, legs can lie flat to floor, large locking knobs. Folds compactly to fit in smaller kits.



Uni TO Stand

Code: UN-55

Weight: 2.6 lbs (1.2 kg)

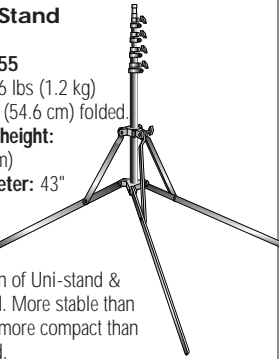
Size: 21.5" (54.6 cm) folded.

Maximum height:

7'11" (2.4 m)

Base diameter: 43"

New stand, based on design combination of Uni-stand & Omni-stand. More stable than Uni-stand, more compact than Omni Stand.

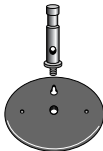


Vipod with Stud-link

Code: VIP-35S

Weight: 5 oz (142 g)

Supports ViP lights on the floor or other flat surfaces. It can be screwed, Gaffer-taped or clamped to vertical surfaces. Combines with other ViP mounts for special uses. Stud-link is removable.



Vipod only

Code: VIP-35

Weight: 4 oz (112 g)

Handle & Stud

Code: VIP-431

Weight: 3 oz (85 g)

For hand holding ViP lights. Updated Handle with 1/4-20 screw-threaded post, and 5/8" Stud with 1/4-20 screw-thread hole in bottom. Without Stud, Handle accepts screw-thread at bottom of UMB on ViP Lights. With Stud, can accept ViP or other small lights with 5/8" stand-fitting.



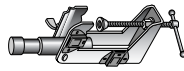
Replaces VIP-43 Handle & Stud-link

Tota-clamp

Code: T1-30

Weight: 4 oz (113 g)

Clamps onto pipes, shelves, etc. up to 1 7/8" (4.78 cm) thick. 5/8" (1.59 cm) stud locks in two positions and accepts a light. Also accepts two Flexi-shafts with flags or flectors.

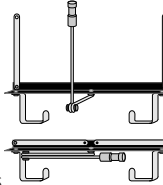


Tota-mount

Code: T1-32

Weight: 10 oz (284 g)

Supports ViP lights on top of doors (open or semi-closed), on windows and some walls, when attached carefully with Gaffer-tape.



Gaffer-tape

The highest quality, cloth-backed adhesive tape attaches Lowel mounts to windows and walls.



12 yd roll

Code: GT-12

Weight: 8 oz (227 g)

30 yd roll

Code: GT-30

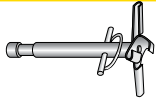
Weight: 1.25 lbs (567 g)

Scissor-mount (2)

Code: CM-20

Weight: 9 oz (250 g)

Attaches small lights and accessories to grid of dropped-ceilings in offices and other areas. Use Gridlock (CM-21) with Pro-light. (Set of 2).

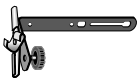


Gridlock

Code: CM-21

Weight: 9 oz (250 g)

Attaches Pro-light right side up to the T-bar of dropped ceiling grids. Can also be used with i and V lights. (1 only).



Lobo

Code: F1-30

Weight: 10 oz (284 g)

Attaches Lobo Arm to top or any part of a stand to make a miniature boom for ViP Lights. Also mounts large umbrellas, flags, etc.



Lobo Arm

Code: F1-40

Weight: 3 oz (85 g)

22" (55.9 cm) shaft with 5/8" (1.59 cm) stud. Extends, articulates and booms small lights, reflectors, etc.

Safety Cable (3)

Code: CM-50

Size: 34" (86.4 cm)

Weight: 2 oz (57 g)

Braided stainless-steel cable adds security to lights and accessories that are attached to overhead pipes, beams, dropped-ceiling grids, etc. (Set of 3)



For more mounts:

see Mounts section.

Cables & Connectors

Pro-light Cables

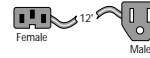
12' Cable

Code: P2-80

Weight: 2 oz (57 g)

#18/3 cable with IEC connector is supplied with the updated Pro-light to extend its captive cable, unswitched.

Code: P1-80 Original AC cable for pre-updated Pro-lights (pre-April 2003).

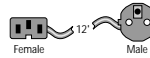


12' Pro Euro Cable

Code: P2-801

Weight: 10 oz (280 g)

Adapts the updated Pro-light for CE use with European voltages. #18/3 with IEC connector and male CEE-7/7 plug, unswitched.

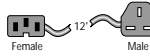


12' Pro UK Cable

Code: P2-802

Weight: 10 oz (280 g)

Adapts the updated Pro-light for CE use in U.K. #18/3 with IEC connector and male fused BS 363A plug, unswitched.



1' 2-pin 30v Cable

Code: P2-81

Weight: 2 oz (57 g)

Adapts the updated Pro-light, with IEC connector, for use with many 30 volt batteries. #18/3; with switch and 2 pin "Amphenol Type" connector. No wiring required.



Code: P1-81 Original 30 V cable for pre-updated Pro-lights (pre-April 2003).

1' 4-pin XLR Cable

Code: P2-82

Adapts the updated Pro-light for use with appropriate 12 volt batteries for 100w operation. No wiring required.



Code: P1-82 Original 4-pin XLR cable for pre-updated Pro-lights (pre-April 2003).

1' 12v Cigarette Lighter/Car Adaptor Cable

Code: P2-85

Adapts updated Pro-light IEC Connector for use with some 12 volt batteries and automobile cigarette lighter sockets. No wiring required.



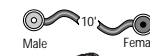
i & id-light Connectors

10' Extension Cable

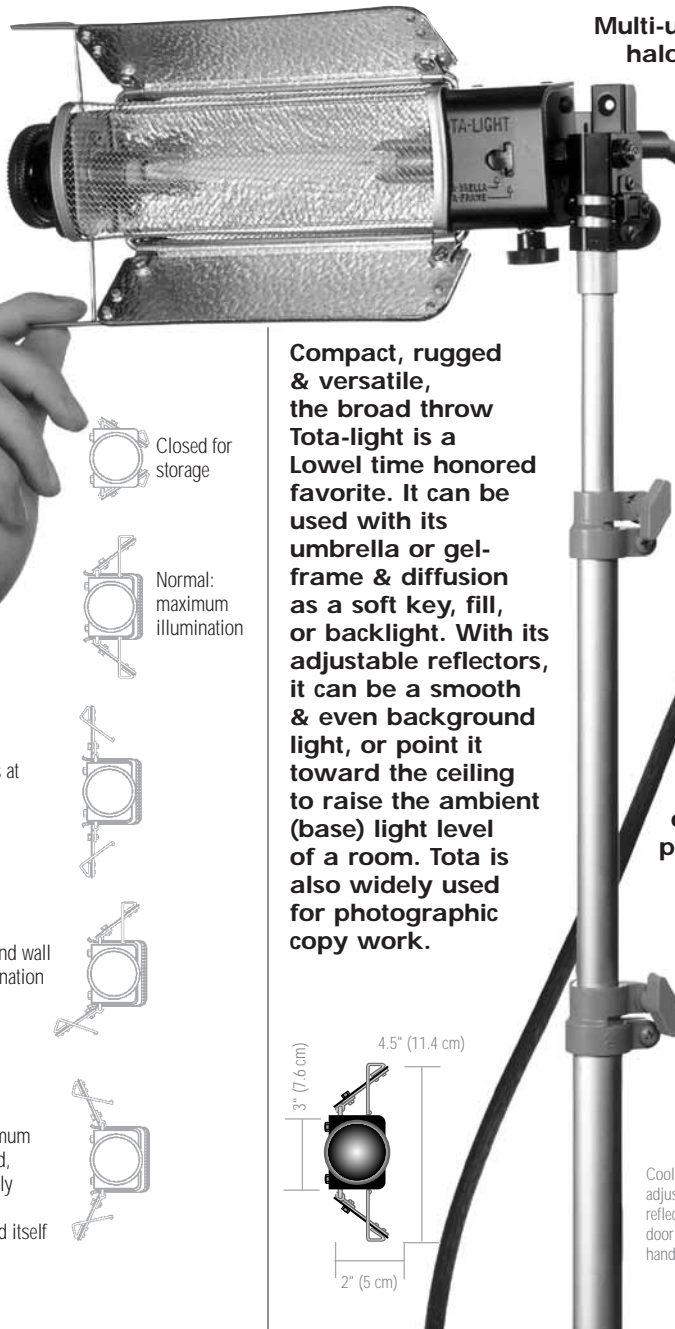
Code: i-85

Weight: 4 oz (113 g)

Enables the i-light to be used inside or outside automobiles. No wiring required.



Broad Throw — 120, 220/240v; 300-800w



Multi-use, tungsten halogen source.

Max. Watts: 750 & 500 at 120v, 800 at 220/240v. Lower wattage lamps available for today's lower light HD cameras.

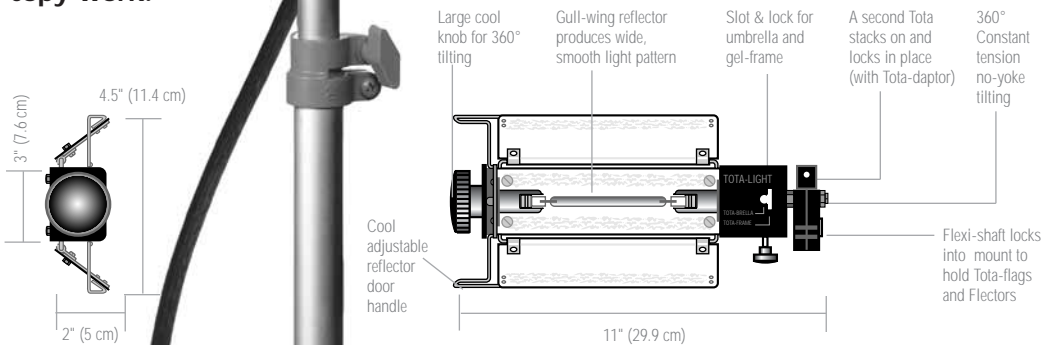
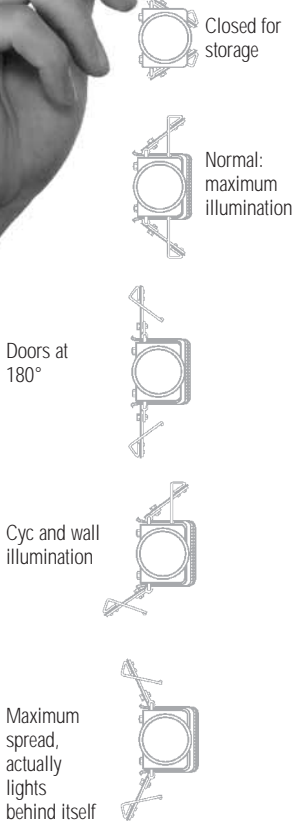
Adjustable reflecting doors can illuminate four walls evenly from a corner or compensate for light fall-off on vertical surfaces lit from above or below.

360° constant tension no-yoke tilting. Large, cool knobs.

Closes compactly for storage & travel.

Never operate with doors closed beyond notched safety stop, or without front protective screen.

Compact, rugged & versatile, the broad throw Tota-light is a Lowel time honored favorite. It can be used with its umbrella or gel-frame & diffusion as a soft key, fill, or backlight. With its adjustable reflectors, it can be a smooth & even background light, or point it toward the ceiling to raise the ambient (base) light level of a room. Tota is also widely used for photographic copy work.



Technical Data

Size closed: 2" x 3" x 11" (5 x 7.6 x 27.9 cm)
Weight less cable: 1.3 lbs (595 g)
With 16' cable: 2.25 lbs (1.02 kg)
Max. wattage: 750w at 120v, 800w at 220/240v
Max. amperage: 6.25 at 120v
Beam control: door angle provides vertical beam control
Fits on: studs 5/8" (1.59 cm) or smaller
Materials: primarily aluminum alloy
Cable: 16' (4.88 m) #18/3 wire
Switch: in-line
U.S. Patent: 3852582

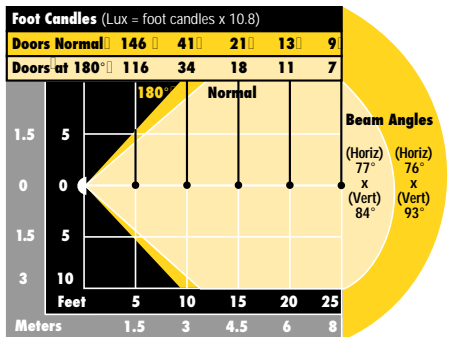
Lamp/Beam Data

Lowel Code	Volts	Watts	°K	Avg Life	Foot Candles (Lux) at 10' (3m)	
					doors norm	doors 180°
EZH	120	300	2900	2000 hr	14 (149)	11 (122)
FDN	120	500	3200	400 hr	27 (295)	22 (235)
FCZ	120	500	3000	2600 hr	26 (280)	19 (200)
FCM/HIR* (FWM)	120	650	3200	400 hr	60 (640)	45 (485)
EMD	120	750	3200	400 hr	41 (445)	34 (365)
EMF	220/240	800	3200	250 hr	45 (480)	34 (365)

Tota and V lamps are not interchangeable.
 Tota lamps are frosted except FCM/HIR
 *G.E. Watt Miser™, also known as FWM, has virtually same output as 1000w lamp (see manufacturers specifications).

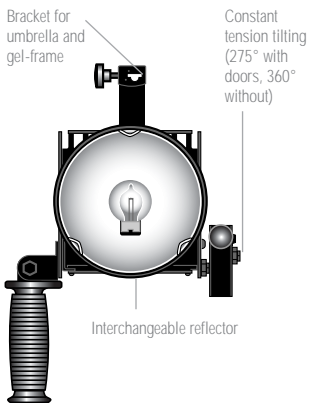
Performance

With 120v, 750w, 3200°K, EMD lamp



Beam angles—points at which intensity drops to 50% of maximum

Variable Focus — 12, 30, 120, 220/240v; 100-500w



The wide focusing range of the Omni-light makes it a flexible key or back-light. Add diffusion or an umbrella, and it's a soft fill source. Swap the power cord & lamp and it becomes a battery powered, hand-held light. Available with a host of accessories and built for heavy duty long life, the popular Omni is the perfect companion to the Tota.

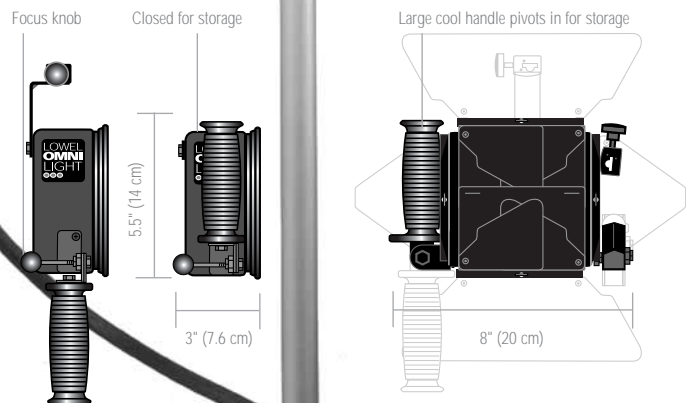
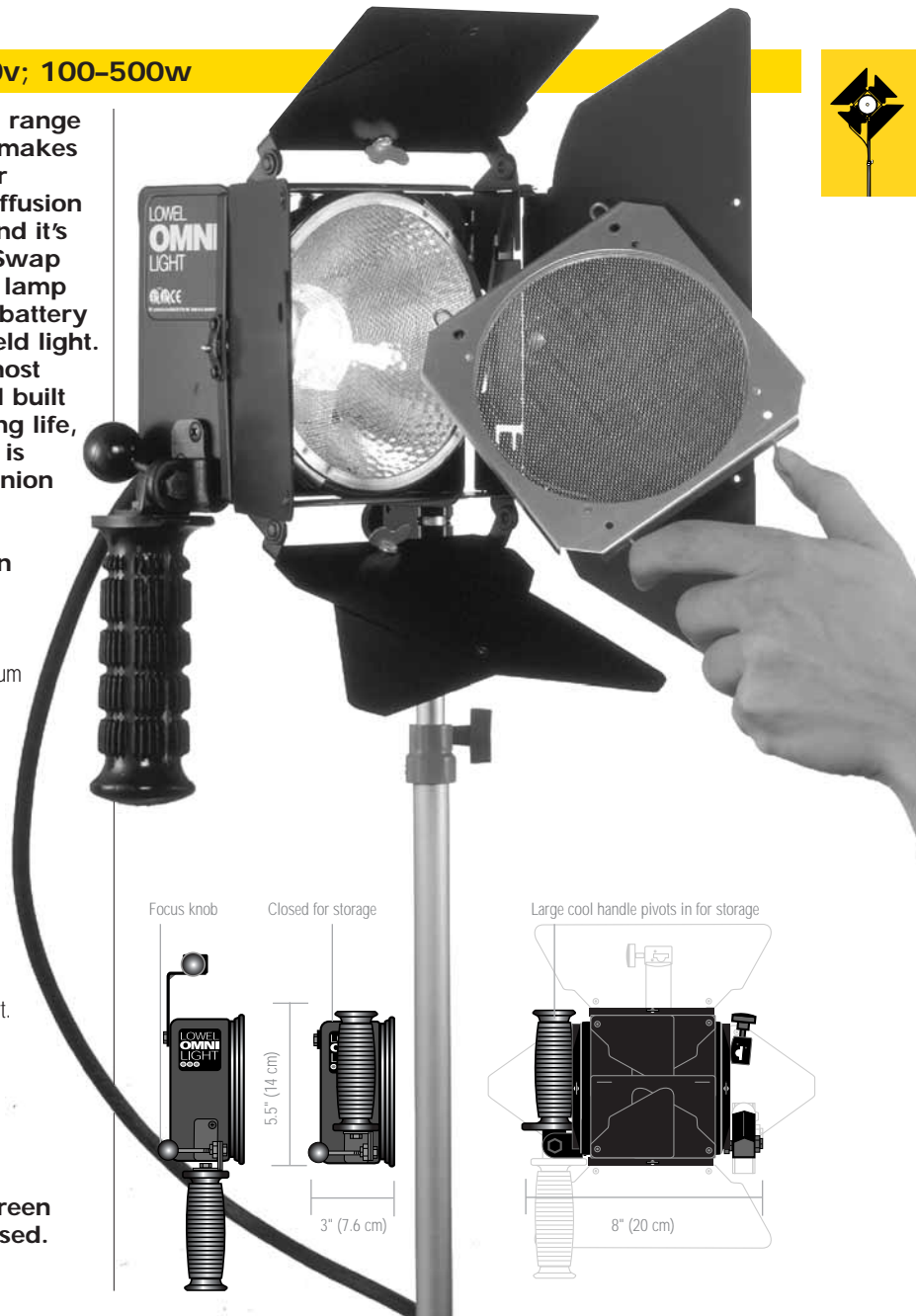
Multi-use, tungsten halogen source. Double parabolic, peened reflector provides non-crossover beam for maximum efficiency and gel life.

Focus range-6:1 with #1 reflector & FTK lamp.

Watts: 500, 420 & 300 at 120v, 500 & 300 at 220/240v, 250 at 30v, 100 at 12v. Lower wattage lamps available for today's lower light HD cameras. See chart.

Quick-change super-spot accessory reflector for exceptionally long throws at all voltages.

Protective front screen must always be used.



Lamp/Beam Data

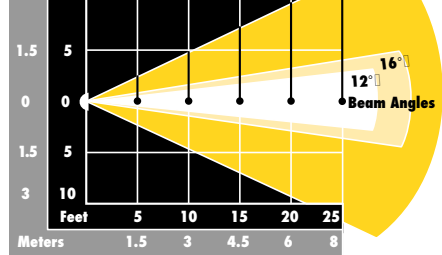
Lamp Code	Volts	Watts	°K	Avg Life	Foot Candles (Lux) at 10' (3 m)		Focus Range	Super Spot
					Flood	Spot		
EYL	12	100	3200	50 hr	14 (150)	111 (1200)	8:1	242 (2600)
DYG	30	250	3400	15 hr	37 (400)	311 (3350)	8:1	753 (8100)
JCD120V/300WC	120	300	3200	70 hr	32 (345)	278 (3000)	9:1	444 (4800)
EKB	120	420	3200	75 hr	66 (715)	390 (4200)	6:1	753 (8100)
FTK	120	500	3200	100 hr	75 (810)	475 (5130)	6:1	920 (9936)
GCY	230	500	3150	150 hr	75 (813)	295 (3200)	4:1	490 (5290)
JCD230V-300WC	230	300	3200	75 hr	27 (290)	222 (2400)	8:1	361 (3900)
JCD240V-500WC	240	500	3200	50 hr	73 (758)	344 (3720)	5:1	463 (5000)

Performance

With 120v, 500w, 3200°K, FTK lamp

Foot Candles (Lux = foot candles x 10.8)

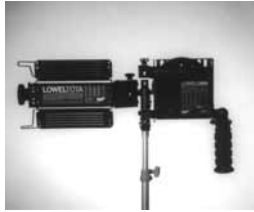
Flood	250	75	35	20	13
Spot	1900	475	220	125	75
Super Spot with high intensity reflector	2750	920	350	195	115



Beam angles-points at which intensity drops to 50% of maximum

Technical Data

- Weight less cable:** 1.7 lbs (771 g)
- With 16' cable:** 2.6 lbs
- Max. wattage:** 500w at 120v and 220/240v
- Max. amperage:** 8.3 at 30v & 12v
- Beam control:** continuously variable
- Fits on:** studs 5/8" (1.59 mm) and smaller
- Materials:** primarily aluminum alloy
- Cable:** 12, 120, 220, 240v: 16' #18/3 wire; 30v: 5' #18/3 wire
- Switch:** in-line
- U.S. Patent:** 4187531



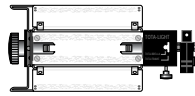
Lights &

Tota-light

Code: T1-10

Weight: 2.25 lbs (1.02 kg)

With Protective Screen and 16' Cable (less lamp).



Tota-light with Lamp

Code: T1-101

Same as T1-10, but with 120v, 750w EMD lamp.



Omni-light (standard)

Code: O1-10

Weight: 2.6 lbs (1.18 kg)

With standard #1 reflector, Protective Screen and 16' Cable (less lamp). For 30 & 12 volt operation, use #2 reflector and appropriate battery cable.



Omni-light with Lamp

Code: O1-101

Same as O1-10, but with 120v, 500w FTK lamp.



Omni-light 12v

Code: O1-12

Weight: 2.7 lbs (1.24 kg)

With #2 reflector, Protective screen, 16' Cable and 12v Cigarette Lighter Adaptor (O1-82), (less lamp).

Omni-light 30

Code: O1-13

Weight: 2.25 lbs (1.02 kg)

With #2 reflector, Protective Screen and 5' 2-pin "Amphenol Type" Connector Cable (O1-81), (less lamp).

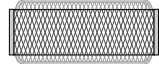
Protective Screens

Tota-light Protective Screen

Code: T1-19

Weight: 2 oz (57 g)

Supplied with light. Max. wattage: 750w (120v) or 800w (220/240v). Protects against lamp explosion. Must always be used.

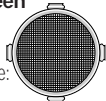


Omni-light Protective Screen

Code: O1-19

Weight: 2 oz (57 g)

Supplied with light. Max. wattage: 500w. Protects against lamp explosion. Must always be used.



Omni Reflectors

Weight: 2 oz (57 g)

All reflectors are held in place by a retaining spring that allows fast, tool-less interchange.

#1 Reflector

Code: O1-15

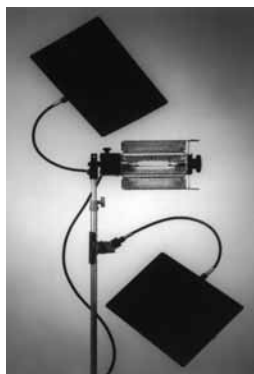
Standard full-focusing reflector with Lowel's unique peened, double parabolic, no-crossover configuration.



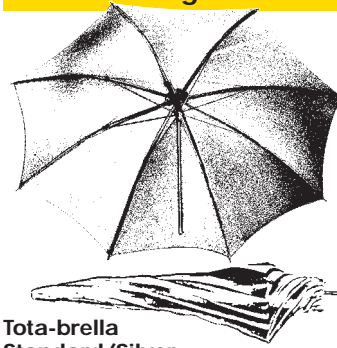
#3 Reflector

Code: O1-17

Super-spot, fixed-focus reflector has a narrow, high intensity beam for long throws. Works with all voltages.



Tota/Omni Light Controls



Tota-brella Standard/Silver

Code: T1-25

Weight: 8 oz (227 g)

Size: 27" (68.6 cm) open, 19" (48.3 cm) closed.

Locks directly onto Tota or Omni without tools to convert to softlight.

Special/White

Code: T1-26

Same as above with extremely soft, white reflective surface.

Tota-frame

Code: T1-20

Weight: 6 oz (170 g)

Size: Folded 12 x 1 x 1" (30.5 x 2.5 x 2.5 cm)

Holds various 10 x 12" (25.4 x 30.5 cm) gels.

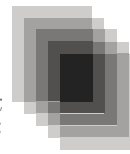
Locks directly into all three lights, pans and tilts with the light.



Tota Gels (5)

Size: 10 x 12"

(25.4 x 30.5 cm) sheets (Pkg of 5) :Day Blue (T1-70); ND 3 (T1-71); Frost (T1-72); Assorted—3 Day Blue, 1 Frost, 1 ND 3 (T1-78).



Tota/Omni Gel File

Code: GF-10

Size: 11 x 13"

(27.9 x 33 cm)

Weight: 9 oz (255 g)

Accepts 10 x 12" gels for Tota/Omni gel frame. Made of flexible woven nylon with dividers to organize gel colors & diffusion. See full description in Soft Cases section.



Tota-flag

Code: T1-52

Size: 8 x 12" (20.3 x 30.5 cm)

Weight: 4 oz (113 g)

Black aluminum alloy panel attaches to a Flexi-shaft for shadowing subject, background or lens. Two or more snap together.



Flexi-shaft (2)

Code: T1-50

Size: 16" (40.65 cm)

Weight: 4 oz (113 g)

Flexible arm snaps onto Flag-link, Tota-tatch, or Tota-clamp and positions a Tota-flag or Tota-flector. (Pkg of 2).



Tota Light Control

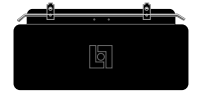
Tota-shade (1)

Code: T1-21

Weight: 3 oz (85 g)

Size: 9 x 4.5" (23 x 11.4 cm)

Pivoting panels snap onto Lowel Tota and V-lights, providing light and lens-flare control & holding gels. Allows use of gel and umbrella together. (Side panels require top and bottom panels for support.)



Tota-shade Set (4)

Code: T1-24

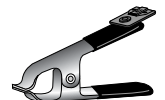
Weight: 12 oz (340 g)

Tota-tatch

Code: T1-34

Weight: 3.5 oz (98 g)

Attaches to stands, shelves, tripods, etc. Accepts one Flexi-shaft.



Omni Light Controls

Complete Barndoor

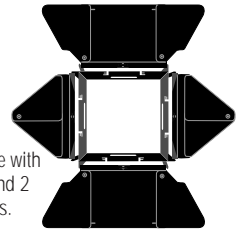
Code: O1-20

Weight: 8 oz

(227 g)

Barndoor Frame with 2 rectangular and 2 triangular leaves.

Rotates 360° and holds 2 accessories (filters, snoot, etc.).



Barndoor Frame

Code: O1-21

Weight: 2 oz (57 g)

Same as above minus leaves.

Holds accessories; joins two snoots.

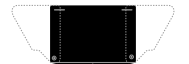


Rectangular Leaf

Code: O1-22

Weight: 2 oz (57 g)

Locks on frame with 1/4 turn instant release connector; has two expandable wings.



Triangular Leaf

Code: O1-23

Weight: 1 oz (28 g)

Locks on frame with 1/4 turn instant release connector; has two expandable wings.



Gel-jawz (8)

Code: CL-15

Weight: 2 oz (56 g)

Package of eight clips.

Attach to barndoor leaves to hold gels. Use two per light.



Omni Light Controls

Diffused Glass

Code: O1-50

Weight: 3 oz (85 g)

Softens light; reduces intensity and contrast; improves shadow quality. Light loss approx. 40% in flood.



Dichroic Filter

Code: O1-51

Weight: 3 oz (85 g)

Converts 3200°K to average daylight with light loss of approx. 50%. Absorbs U.V.



Clear Glass

Code: O1-52

Weight: 3 oz (85 g)

Absorbs some U.V. with 5% light loss.



Full Scrim

Code: O1-54

Weight: 2 oz (57 g)

Stainless steel screen reduces light one stop without diffusion or softening of contrast.



Half Scrim

Code: O1-55

Weight: 2 oz (57 g)

Same as above, covers half the light, rotates 360° to reduce light on any part of the subject that is too bright.



Graduated Scrim

Code: O1-56

Weight: 2 oz (57 g)

Clear, single and double screen areas gradually reduce light intensity. Compensates for light fall-off on walls and subjects. Rotates 360°.



Cookaloris

Code: O1-57

Weight: 2 oz (57 g)

Cut metal disk creates a soft shadow pattern to "break-up" flat backgrounds.

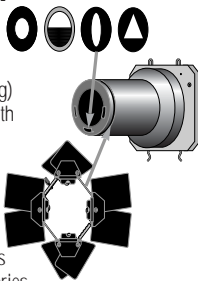


Omni Narrow Snoot

Code: O1-532

Weight: 4 oz (114 g)

For more control with smaller diameter circular cutoff (2.25" diameter). Accepts Fren-L patterns as well as Pro-light barn doors & swing-in accessories.

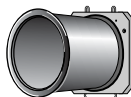


Snoot

Code: O1-53

Weight: 4 oz (113 g)

Creates a reduced, soft-edged circle of light. Two joined by a Frame (O1-21), increases effect.



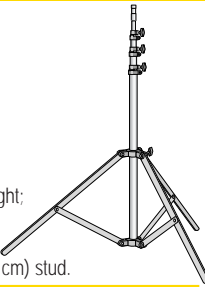
Mounts

Omni-stand

Code: O1-33

Weight: 2.6 lbs (1.2 kg)

Size: (2.74 m), 27" (69 cm) folded
Sturdy and lightweight; extends to 9'.
Collar clamping; standard 5/8" (1.59 cm) stud.



Uni TO Stand

Code: UN-55

Weight: 2.6 lbs (1.2 kg)

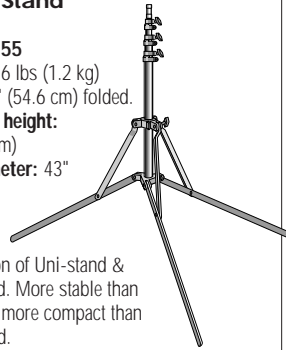
Size: 21.5" (54.6 cm) folded.

Maximum height:

7'11" (2.4 m)

Base diameter: 43"

New stand, based on design combination of Uni-stand & Omni-stand. More stable than Uni-stand, more compact than Omni Stand.



Tota-clamp

Code: T1-30

Weight: 4 oz (113 g)

Clamps onto pipes and objects up to 1 7/8" (4.8 cm) thick. 5/8" (1.59 cm) stud locks in two positions and accepts a light. Two Flexi-shafts with Tota-flags can be attached.



Tota-daptor

Code: T1-35

Weight: 4 oz (113 g)

Stacks multiple Tota-lights; converts under-sized stands to 5/8" (1.59 cm). Also accepts two Flexi-shafts with Tota-flags or Flectors.

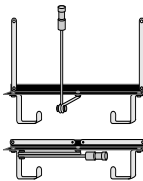


Tota-mount

Code: T1-32

Weight: 10 oz (284 g)

Hangs on doortops, Gaffer-tapes to windows and most wall surfaces to support Tota, Omni and other small lights. Folds for storage.



Scissor-mount (2)

Code: CM-20

Weight: 9 oz (250 g)

Attaches small lights and accessories to grid of dropped-ceilings in offices and other areas. (Set of 2).



Lobo

Code: F1-30

Weight: 10 oz (284 g)

Attaches Lobo Arm to top or any part of a stand to make a miniature boom. Also mounts large umbrellas, flags, etc.



Lobo Arm

Code: F1-40

Weight: 3 oz (85 g)

22" (55.9 cm) shaft with 5/8" (1.59 cm) stud. Extends, articulates and booms small lights, reflectors, etc.



Safety Cable (3)

Code: CM-50

Weight: 2 oz (57 g)

Size: 34" (86.4 cm)

Braided stainless-steel cable adds security to lights and accessories that are attached to overhead pipes, beams, dropped-ceiling grids, etc. (Set of 3).



For other Clamps, Booms, etc., see Mounts, section.

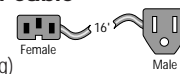
Cables & Connectors

16' Tota/Omni Cable

Code: T1-80

Weight: 13 oz (369 g)

Standard #18/3; with switch.

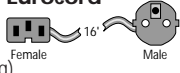


16' (5 m) Tota Eurocord

Code: T1-801

Weight: 13 oz (369 g)

#18/3 (.75 mm/3) with double pole switch and male CEE-7 plug. For approved CE use.

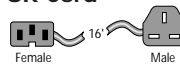


16' (5 m) Tota UK Cord

Code: T1-802

Weight: 13 oz (369 g)

#18/3 (.75 mm/3) with double pole switch and male fused BS 1363A plug. For approved CE use.

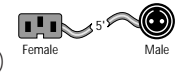


5' Omni 30v Cable

Code: O1-81

Weight: 7 oz (199 g)

#18/3; with switch and 2 pin "Amphenol Type" connector for batteries.

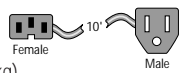


10' Unswitched Cable

Code: T1-808

Weight: 1.1 lbs (5 kg)

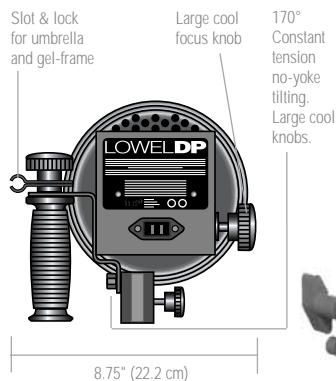
For portable stage lighting use. "Hard service" #18/3 cable.



Variable Focus —120, 220/240v; 500-1000w



The DP is a long time Lowel workhorse. It's a powerful key, backlight or background light. Add an umbrella or diffusion for soft key or fill light, swap to the super-spot reflector for long throws, or customize it with a variety of other accessories. The DP is built for a long multi-use life.



Multi-use, tungsten halogen source.

Watts:
1000, 750, 500 at 120v.
1000, 650, & 500 at 220 & 240v. Lower wattage lamps may be more suitable for today's lower light HD cameras.

Peened, parabolic reflector provides non-crossover beam with axial filament orientation for improved shadow pattern and gel life.

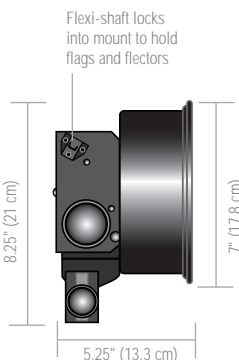
Focus range—8:1 with #1 reflector & FEL lamp.

Quick-change, super-spot reflector for exceptionally long throws at all voltages.

Tilting: 170° no-yoke, constant-tension, one-handed tilting from straight up to almost straight down.

Large cool knobs.

Protective front screen must always be used.



Technical Data

Weight with 16' cable:
3.6 lbs (1.6 kg)
Weight less 16' cable:
2.8 lbs (1.3 kg)

Max. wattage: 1000
Max. amperage: 8.3 at 120v
Beam control:
continuously variable

Fits on: 5/8" (1.59 cm) studs
Materials: primarily aluminum alloy
Cable: 16' (4.88 m) #18/3

Switch: in-line, heavy-duty
U.S. Patent: D 210972

Lamp/Beam Data



Lamp Code	Volts	Watts	°K	Avg Life	Foot Candles (Lux) at 10' (3 m)			
					Flood	Spot	Focus Range	Super Spot
EHC	120	500	3200	300 hr	43 (465)	390 (4200)	9:1	678 (7300)
EHD	120	500	3000	2000 hr	35 (375)	339 (3650)	10:1	743 (8000)
EHF	120	750	3200	300 hr	73 (780)	554 (5960)	8:1	892 (9600)
EHG	120	750	3000	2000 hr	70 (750)	390 (4200)	6:1	827 (8900)
FEL	120	1000	3200	300 hr	88 (950)	711 (7650)	8:1	1161 (12500)
JCV220V-500WBM	220	500	3000	2000 hr	43 (465)	242 (2600)	6:1	505 (5450)
FEP/220	220	1000	3200	150 hr	74 (795)	604 (6500)	8:1	1133 (12200)
JCV240V-500WBM	240	500	3000	2000 hr	45 (490)	218 (2350)	5:1	449 (4850)
FKR/230	230	650	3100	300 hr	61 (660)	381 (4100)	6:1	734 (7900)
FEP/240	240	1000	3200	150 hr	77 (825)	627 (6750)	8:1	1074 (11560)

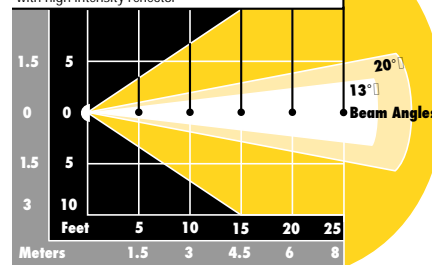
Performance

With 120v, 1000w, 3200°K, FEL lamp

Foot Candles (Lux = foot candles x 10.8)

Flood	297	88	40	23	16
Spot	3066	711	307	166	109
Super Spot	5667	1161	604	334	209

with high intensity reflector



Beam angles—points at which intensity drops to 50% of maximum

Lights &

DP Light

Code: D2-10
Weight: 3.9 lbs (1.77 kg)
 Supplied with Protective Screen, #1 Reflector, 16' (4.88 m) Cable with switch (less lamp).

DP Light with lamp

Code: D2-101
 Same as above, but with 120v, 1000w FEL lamp.

Reflectors

Weight: 2 oz (57 g)
 All switch in seconds without tools.

#1 Reflector

Code: D2-15
 Standard, full focusing reflector with Lowell's peened, parabolic, non-crossover configuration.

#3 Reflector

Code: D2-17
 Super-spot, fixed-focus, reflector has a narrow, high intensity beam for extremely long throws.

DP Light Protective Screen

Code: D2-19
Weight: 2 oz (57 g)
 Supplied with light and in kits. Max. wattage: 1000w. Protects against lamp explosion. Must always be used.

Light Controls

Complete Barndoor

Code: D2-20
Weight: 1 lb (454 g)
 Barndoor Frame with two rectangular and two triangular leaves, all expandable. Rotates 360° and holds two accessories (dichroic, snoot, etc.).

Barndoor Frame

Code: D2-21
Weight: 4 oz (113 g)
 Same as above minus leaves. Holds two accessories.

Rectangular Leaf

Code: D2-22
Weight: 4 oz (113 g)
 Locks on frame with 1/4 turn instant release connector; has two expandable wings.

Triangular Leaf

Code: D2-23
Weight: 2 oz (57 g)
 Locks on frame with 1/4 turn instant release connector; has two expandable wings.

Light Controls

Diffused Glass

Code: D2-50
Weight: 4 oz (113 g)
 Softens light; reduces intensity & contrast. Light loss 40%.

Dichroic Filter

Code: D2-51
Weight: 4 oz (113 g)
 Converts 3200°K to average daylight with light loss of 50%. Absorbs some U.V.

Clear Glass

Code: D2-52
Weight: 4 oz (113 g)
 Absorbs some U.V. with 5% light loss.

Full Scrim

Code: D2-54
Weight: 3 oz (85 g)
 Stainless steel screen reduces light one stop without diffusion or softening of contrast.

Half Scrim

Code: D2-55
Weight: 3 oz (85 g)
 Same as above covers half the light, rotates 360° to reduce light on any part of the subject that is too bright.

Graduated Scrim

Code: D2-56
Weight: 3 oz (85 g)
 Clear, single and double screen areas gradually reduce light intensity. Compensates for light fall-off on walls and subjects.

Cookaloris

Code: D2-57
Weight: 3 oz (85 g)
 Cut metal disk creates a soft shadow pattern to "break-up" flat, bland backgrounds.

Snoot

Code: D2-53
Weight: 6 oz (170 g)
 Creates a reduced, soft-edged circle of light. Two, joined by a Frame (D2-21), increase effect.

DP Narrow Snoot

Code: D2-532
Size: 5.5" length
Weight: 6 oz (170 g)
 With smaller diameter circular cutoff (2.25" diameter), accepts Fren-L patterns as well as Pro-light barndoors & swing-in accessories.

DP Frame

Code: D2-24
Weight: 8 oz (227 g)
 Attaches directly to DP to hold gels 12" x 16" (30.5 x 40.6 cm). Permanent gel clips and adjustable support arm.

Gels (4)

(Pkg of 4) 12 x 16" (30.5 x 40.6 cm) sheets. Day Blue (D2-70); ND 3 (D2-71); Frost (D2-72); Mixed (D2-78); 3 Day Blue 1 Frost, 1 ND 3.

DP Gel File

Code: GF-15
Size: 13.3 x 18" (33.8 x 45.7 cm)
Weight: 14 oz (398 g)
 Accepts 12 x 16" gels for DP gel frame.

DP Brella Standard/Silver

Code: D2-25
Size: 41" (104 cm) open; 32.5" (82.6 cm) closed.
Weight: 1.4 lbs (635 g)
 Slips directly into DP to convert it to a large soft light.

Special/White

Code: D2-26
 Same as above with extremely soft, white reflective surface.

Cables

16' Tota/Omni Cable

Code: T1-80
Weight: 13 oz (369 g)
 Standard #18/3; with switch.

16' (5 m) Tota Eurocord

Code: T1-801
Weight: 13 oz (369 g)
 #18/3 (.75 mm/3) with double pole switch and male CEE-7 plug. For approved CE use.

16' (5 m) Tota UK Cord

Code: T1-802
Weight: 13 oz (369 g) #18/3 (.75 mm/3) with double pole switch and Male fused BS 1363A plug. For approved CE use.

10' Unswitched Cable

Code: T1-808
Weight: 1.1 lbs (.5 kg)
 For portable stage lighting use. "Hard service" #18/3 cable.

Mounts

KS Jr. Stand

Code: DT-33
Maximum height: 7'7" (2.3 m).
Collapsed length: 2'4" (65 cm)
Weight: 3.5 lbs (1.6 kg)
 Wide based, sturdy, lightweight stand with 5/8" (1.59 cm) stud, 3 sections and solid bar legs.

KS Stand

Code: KS
Maximum height: 9' (2.74 m).
Collapsed length: 3' (91 cm)
Weight: 4 lbs (1.8 kg)
 Wide based, sturdier, lightweight stand with 5/8" (1.59 cm) stud, 2 sections and tubular legs.

KSA Stand

Code: KSA
 Same as above but black-anodized, air-cushioned stand.

Uni Sr. Stand

Code: UN-66
Weight: 3.3 lbs (1.5 kg)
Size: 22.5" (57.2 cm) folded.
Maximum height: 7' (2.2 m)
Base diameter: 46"
 Based on design of Uni-stand & KS Jr. Stand. Collapses smaller than KS Jr. Collar clamping.

Tota-clamp

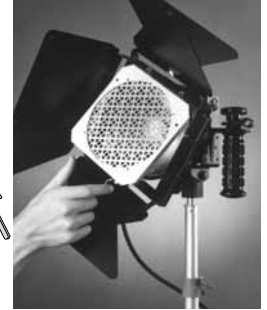
Code: T1-30
Weight: 4 oz (113 g)
 Clamps onto pipes, shelves, etc. up to 1 7/8" (4.78 cm) thick. 5/8" (1.59 cm) stud locks in two positions and accepts a light. Also accepts two Flexi-shafts with Tota-flags or Flectors.

Safety Cable (3)

Code: CM-50
Weight: 2 oz (57 g)
 Recommended for extra security when attaching DP lights overhead. (Set of 3).

Missing Link

Code: ML-10
Weight: 6 oz (170 g)
 Versatile clamp with double articulating female fitting increases flexibility when positioning small lights, flags, etc. Used with Double Male Stud (K1-11). Also available with large or small stud mounted spring clamps.



Screw-base MR-16 Tungsten Halogen & Reflector Lamps —120v

The tiny L-light is an easy to hide accent light, a quick kicker, a discreet backlight or, with diffusion, a subtle fill.

With a variety of mounting & accessory options, it's the perfect answer for those situations where a small, versatile light is needed.



Uses any standard Edison (med. E-26) screw-in base lamp, including our special screw-threaded MR-16.

Watts: Reflector lamps—up to 300 at 120v.

Light controls: clip-on barndoors, umbrella, gels and glass accessories.

Compatible with: many ViP and Tota accessories. Barndoors can control lamps up to R-20 in size.

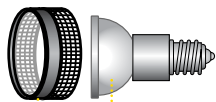
2 Mounting options: Stand-link version (shown) mounts on stands, stud clamps, booms, Scissor-mounts, etc.

Home-plate™ version allows attachment to poles, stands, 2 x 4s, etc., plus floors walls & other vertical surfaces with Gaffer-tape.

Stores compactly with a lamp and barndoors attached.

Updated with IEC connector AC Cable.

Recommended Lamp/Beam Data



Lamp Code	Volts	Watts	°K	Mfr's Avg Life	Foot Candles (Lux) at 10' (3 m)	Beam Angle
L1-100F	120	100	3200	2000 hr	25 (258)	40°
L1-100S	120	100	3000	2000 hr	28 (288)	13°

MR-16, Medium base, screw in, wide angle flood (L1-100F) and narrow-angle spot (L1-100S) lamps.

MR-16 lamps must always be used with an MR-16 glass accessory.

Technical Data

Weight: With 34" captive cable: 13 oz (368 g)
With 16' switched cable: 2 lbs. (.9 kg)

Max. wattage: 300

Max. amperage: 2.5

Materials: aluminum, steel and porcelain

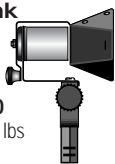
Switch: on 16' #18/3 cable

U.S. Patents: 3088024, 3179366, 3140053

Halogen lamps: medium-base (E26) MR-16 Halogen, & others

Lights &

L-light with Stand-link



Code: L2-10

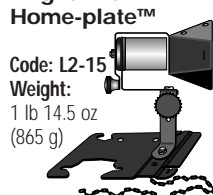
Weight: 1.7 lbs (770 g)

With 16' switched #18/3 T1-80 cable to extend captive 34" IEC connector cable, (less lamp).

L-light with Stand-link & Lamp Holder

Code: L2-101
Same as above but with 120V 100w flood lamp (L1-100F) and Clear Glass w/ Holder (L1-52H).

L-light with Home-plate™



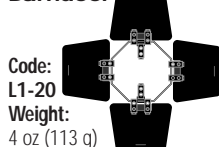
Code: L2-15

Weight: 1 lb 14.5 oz (865 g)

With 16' switched #18/3 T1-80 cable to extend captive 34" IEC connector cable, and 3-yd. roll of Gaffer-tape, (less lamp).

L-light Light Controls

4-way Clip-on Barndoors

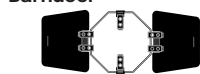


Code: L1-20

Weight: 4 oz (113 g)

Frame with four removable leaves. For use with R-20 and smaller lamps.

2-way Clip-on Barndoors



Code: L1-25

Weight: 3 oz (85 g)

Same as above, except with only two removable leaves. Accepts ViP Swing-in Accessory Holder or two more leaves.

Clip-on Barndoors Frame (no leaves)

Code: L1-21

Weight: 1.5 oz (40 g)

Frame only.

Clip-leaf (only)

Code: iP-24

Weight: 1 oz (28 g)

Single Clip-on Barndoors.

MR-16 Clip-on Holder Accessories

Weight: 2 oz (57 g)

Clear Glass in Holder

Code: L1-52H

Attaches to rim of halogen MR-16 lamps. Absorbs some U.V. with 5% light loss.



Diffused Glass in Holder

Code: L1-50H

Attaches to rim of halogen MR-16 lamps. Softens light; reduces intensity and contrast. Light loss: approx. 50%.



Dichroic Filter in Holder

Code: L1-51H

Attaches to rim of halogen MR-16 lamps. Converts tungsten to approx. average daylight. Light loss: approx. one stop.



ViP Swing-in Accessory Holder



Code: iP-30

Weight: 1 oz (28 g)

Attaches onto Barndoors Frame to accept glass accessories and scrims. Also used for Pro and i-lights. (See ViP System)

Diffused Glass With Swing-in Holder

Code: iP-50H

(See ViP System)

Dichroic Filter With Swing-in Holder

Code: iP-51H

(See ViP System)

Gel-jawz (8)

Code: CL-15

(See Light Controls)

Pro & i Gel Frame

Code: iP-40

(See ViP System)

Pro & i Gels (5)

(See Light Controls)

Tota-brella Standard/Silver

Code: T1-25

Special/White

Code: T1-26

(See Light Controls)

Mounts

Uni-stand

Code: UN-33

Weight:

2.4 lbs (1.1 kg)

Size: 21.5"

(54.6 cm) folded

Extends to 7'11".

(See Mounts)

Stand-link

Code: ViP-39

Weight:

2 oz (56 g)

Rugged metal Stand-link mounts L-light on 5/8"

and smaller studs on

stands, clamps, handles

and Scissor-mounts.

Supplied with L2-10.

Home-plate™

Code: L1-32

Weight: 4 oz (113 g)

Balances L-light (and ViP

lights) on floors and other

surfaces; mounts L-light

on pipes and stands,

behind moldings and, with

Lowel Gaffer-tape, to

windows and some walls.

Supplied with L2-15.

Gaffer-tape

12 yd roll

Code: GT-12

Weight: 8 oz (227 g)

30 yd roll

Code: GT-30

Weight: 1.25 lbs (567 g)

Cables

16' Switched AC Cable

Code: T1-80

Weight: 13 oz (369 g)

Standard #18/3; with IEC

connector & switch,

supplied with updated L-

lights (4/2003) to extend

its 34" captive cable.

12' AC Cable

Code: L1-80

For pre-updated L-lights

(pre-4/2003), 12' switched

#18/3 cable extends

L-light's captive cable.

Do not use as a general-

purpose extension cable.

System & Components

Collapsible Softlight

You've loved Rifa's compact portability, 60 second setup, & beautiful output. With the Lowel Rifa eXchange System, we've added versatility. Its patented bayonet mount lets you swap lampheads with a quick push & twist of the wrist!

Want Fluorescent?

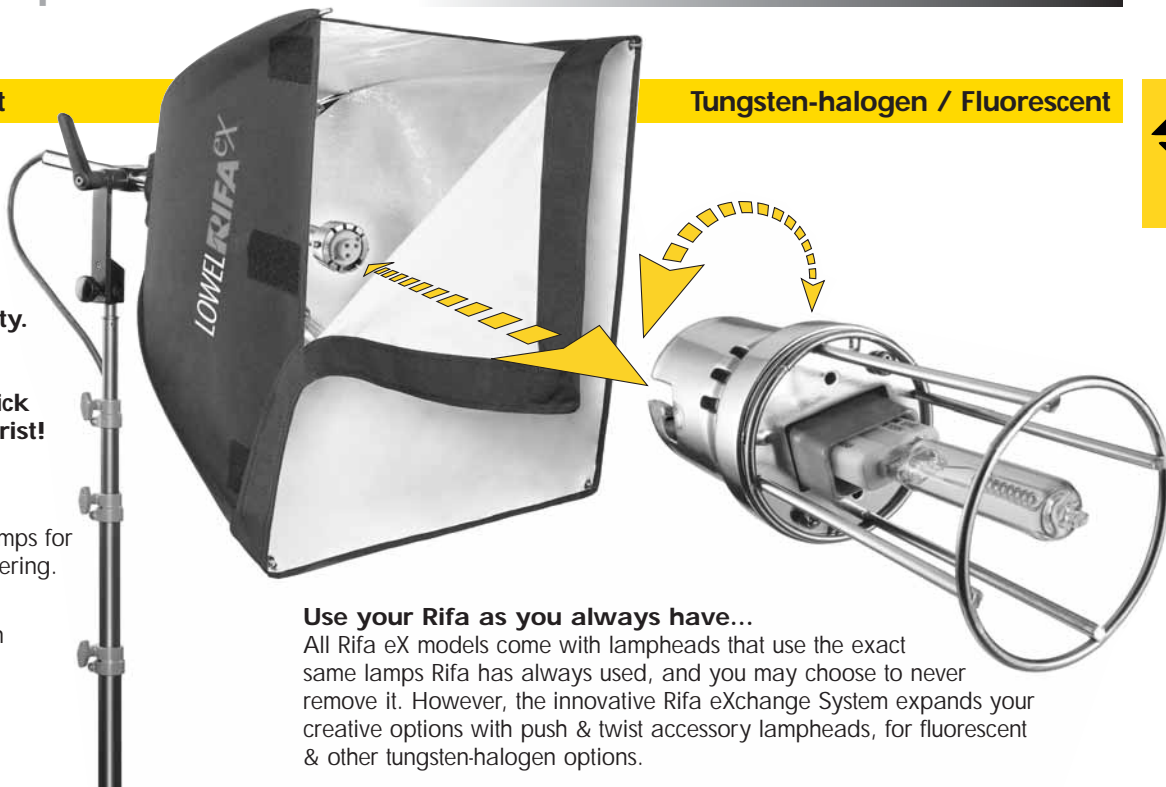
All Rifa's can use our high CRI daylight fluorescent lamps for highly accurate color rendering.

Need less light?

All 4 models can go down to 125w AC.

No AC current?

All 4 models can use DC battery power.



Use your Rifa as you always have...

All Rifa eX models come with lampheads that use the exact same lamps Rifa has always used, and you may choose to never remove it. However, the innovative Rifa eXchange System expands your creative options with push & twist accessory lampheads, for fluorescent & other tungsten-halogen options.

Creating beautiful soft key or fill light doesn't have to be strenuous or time consuming. Compact, lightweight, & self-contained, the Rifa uses a simple design approach as old as the umbrella to achieve its quick & easy setup and strike capabilities.

Bathe almost anything, from talking heads to table-top stills, in luxurious almost fool-proof soft light. It's the perfect complement to today's compact, light-sensitive, digital cameras & filmstocks.

All 4 original Rifa-lite models have been updated to create the new patented Lowel Rifa eXchange System.

4 light-efficient models: Max. 300, 500, 750 & 1000w.

Silver aluminized high temperature Nomex[®] housing.

State of the art woven glass fabric front diffuser offers exceptional heat resistance.

Accessories include eXchange System Lampheads & Accessory Paks, Soft Egg Crates, Balance Bar for more versatile positioning, plus Lowel mounting accessories.

Original Rifa Owners, user or Lowel Repair Dept. upgrades to eXchange models are available.

See our website for lessons on using Rifa eX.



1 minute set-up time

Unlike common, inefficient soft boxes that must first be assembled and then attached to a light as an accessory, the Rifa is both light and soft box combined. Rifa-lites can easily go from carry bag to stand, fully set up, in 1 minute or less.



Remove from bag & place on stand.



Pushing in lamp fixture quickly opens shell.



Shell fully opens & locks into place.



Attach diffuser, plug it in & power it up.

U.S. Patents:
459645, 7081001, 7153153

Rifa eXchange Push & Twist Lampheads & Lamps

TH-X1000
Fits all Rifa eX models except eX 44



(Supplied with LC-55EX, LC-66EX, LC-88EX)
Tungsten-halogen, 500-1000W. Lamps not included.

TH-X300
Fits all Rifa eX models



(Supplied with LC-44EX, accessory to all other models).
Tungsten-halogen, 50-200W DC, 125 - 300W AC. Lamps not included.

FLO-X1
Fits all Rifa eX models



Daylight Fluorescent or Incandescent, 1 Edison Screw-thread lamp (not included). (CE model code - FLO-X1E)

FLO-X3
Fits all Rifa eX models



Daylight Fluorescent Only, 3 Edison Screw-thread Individually switched lamps. Lamps not included. (CE model code - FLO-X3E)

FLO-X5
Fits Rifa eX 88



Daylight Fluorescent Only, 5 Edison Screw-thread Individually switched lamps. Lamps not included. (CE model code - FLO-X5E)

FLO-X1, FLO-X3, FLO-X5 Lampheads Use Lowel Daylight Fluorescents

Screw-threaded 5500k lamps with 8,000 lamp life & 92+ CRI for daylight with high color accuracy.

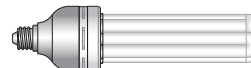
E1-27
27W, 120V AC
E1-27E
25W, 220/240V AC



X1-65
65W, 120V AC



E1-80
80W, 120V AC
E1-80E
80W, 220V AC



Features

Rifa eX 44 is the smallest member of the Lowel Rifa family.

Its size, & ability to use our smallest stands, lets it fit into our most compact kits, making it a great kit choice for run & gun lighting.

Swap to an accessory head to use our high color screw-in daylight fluorescent lamps.

Ideal for lighting closeup interviews, small area tabletop shoots, webcasting & more.



Supplied with
TH-X300 Lamphead



Tungsten-halogen
125-300W at 120V, 235-300W
at 240V, 50-100W at 12V,
200W at 30V

Dedicated softlight fixture with removable lamphead centered in collapsible silver aluminized high temperature Nomex[®] housing.

Accessory quick exchange lampheads allow use of daylight fluorescent lamps.

Max. 300w, with supplied TH-X300 tungsten-halogen head. See charts on page 25 for complete information:

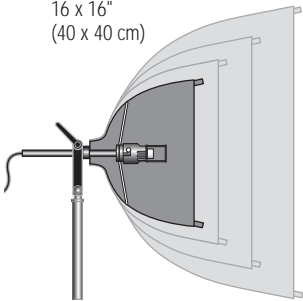
Fluorescent: 27w 120v screw-threaded, color accurate daylight fluorescent lamps.

Tungsten-halogen: 105-300w AC, 50-200w DC.

eXchange Fluorescent Accessory Packs & cases, make it easy to "Go Flo". See pg 65.

LC-44EX Size

16 x 16"
(40 x 40 cm)



Performance

LC-44EX with 120v, 200w, 3200°K, FVL lamp

Foot Candles (Lux = foot candles x 10.8)		
LC-44EX	30	9
3	10	
1.5	5	
0	0	
1.5	5	
3	10	
	Feet	5 10
	Meters	1.5 3

Beam angles-points at which intensity drops to 50% of maximum

Light &

Rifa eX 44

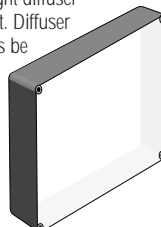


Code: LC-44EX
Size: 16 x 16" (40 x 40 cm), 21" (53 cm) collapsed
Weight with 4' captive cable: 2.1 lbs (1 kg)
Max. wattage: 300
Max. amperage: 2.5 at 120v
With 4' captive cable, 16' switched #18/3 extending power cord (T1-80), light diffuser (LC-44D) and carrying sleeve. Less Lamp.

Rifa eX 44 with lamp
Code: LC-44EX1
Same as above but with 120v, 200w FVL lamp.

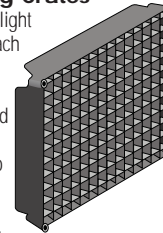
Replacement Diffuser

Code: LC-44D
Size: 16 x 16" (40 x 40 cm)
Weight: 6 oz (190 g)
Standard light diffuser replacement. Diffuser must always be used to protect against lamp explosion.



Soft Egg Crates

For better light control. Each Egg Crate attaches quickly and afterwards folds up to be stored in its own small light-weight bag. Available in 3 dispersion angles: 30°, 40°, 50°.



30° Egg Crate
Code: LC-44EC/30
Weight: 8 oz (228 g)

40° Egg Crate
Code: LC-44EC/40
Weight: 7 oz (196 g)

50° Egg Crate
Code: LC-44EC/50
Weight: 9 oz (250 g)

Accessory Lampheads

FLO-X1



Code: FLO-X1
Weight: .8 lbs (.4 kg)
Fluorescent or Incandescent, Edison Screw-thread, 27w at 120/240v. Lamps not included.

FLO-X3



Code: FLO-X3
Weight: 1.8 lbs (.8 kg)
Fluorescent Only Edison Screw-thread, 27w at 120/240v. Individually switched Lamps. Lamps not included.

Features

A little larger than the Rifa eX 44, the 55 has more output punch and still fits into many of our smaller kits & cases.

Popular for talking head interviews and run & gun shoots where quick setup is needed.

The new accessory eXchange lampheads bring all of the lower wattage/voltage AC/DC tungsten-halogen lamp advantages of the Rifa eX 44. Or choose screw-threaded fluorescent options, including our 80w daylight lamp with high efficient output and accurate color rendering.



Dedicated softlight fixture with removable lamphead centered in collapsible silver aluminized high temperature Nomex® housing.

Accessory quick exchange lampheads allow use of lower wattage/voltage tungsten-halogen or daylight fluorescent lamps.

Max. 500w, with supplied TH-X1000 tungsten-halogen head. Or lower with accessory heads. See charts on page 25 for complete information:

Fluorescent: 27, 65 & 80w screw-threaded, color accurate daylight fluorescent lamps.

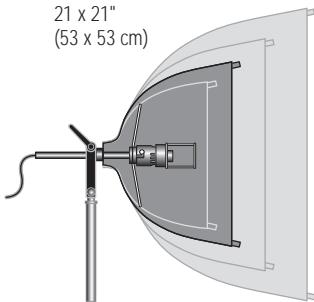
Tungsten-halogen: 105-500w AC, 50-200w DC.

eXchange Fluorescent Accessory Packs & cases, make it easy to "Go Flo". See pg 65.



LC-55EX Size

21 x 21"
(53 x 53 cm)

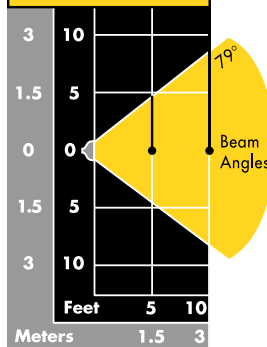


Performance

LC-55EX with 120v, 500w, 3200°K, EHC lamp

Foot Candles
(Lux = foot candles x 10.8)

LC-55EX 72 20



Beam angles-points at which intensity drops to 50% of maximum

Light &

Rifa eX 55



Code: LC-55EX

Size: 21 x 21" (53 x 53 cm), 24" (61 cm) collapsed

Weight with 4' captive cable: 2.5 lbs (1.1 kg)

Max. wattage: 500

Max. amperage: 4.2 at 120v

With 4' captive cable, 16' switched #18/3 extending power cord (T1-80), light diffuser (LC-55D) and carrying sleeve. Less lamp.

Rifa eX 55 with lamp

Code: LC-55EX1

Same as above but with 120v, 500w EHC lamp.

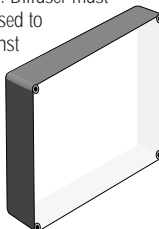
Replacement Diffuser

Code: LC-55D

Size: 21 x 21" (53.3 x 53.3 cm)

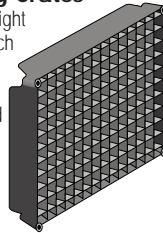
Weight: 8 oz (227 g)

Standard light diffuser replacement. Diffuser must always be used to protect against lamp explosion.



Soft Egg Crates

For better light control. Each Egg Crate attaches quickly and afterwards folds up to be stored in its own small light-weight bag. Available in 3 dispersion angles: 30°, 40°, 50°.



30° Egg Crate

Code: LC-55EC/30

Weight: 9.5 oz (266 g)

40° Egg Crate

Code: LC-55EC/40

Weight: 7.5 oz (210 g)

50° Egg Crate

Code: LC-55EC/50

Weight: 10 oz (280 g)

Accessory Lampheads

TH-X300



Code: TH-X300

Weight: .45 lbs (.2 kg)

Tungsten-halogen, 125-300W at 120v, 235-300W at 240v, 50-100W at 12v, 200W at 30v, Lamps not included

FLO-X1



Code: FLO-X1

Weight: .8 lbs (.4 kg)

Fluorescent or Incandescent, Edison Screw-thread, 27W at 120/240v or 65W at 120v, Lamps not included

FLO-X3



Code: FLO-X3

Weight: 1.8 lbs (.8 kg)

Fluorescent Only

Edison Screw-thread, 27w and 80w at 120/240v, or 65Ww at 120v, Individually switched Lamps. Lamps not included.

Accessory Pack

TH-X300 Accessory Pack for Rifa eX 55, 66, & 88

Code: TH-X300P (120v)

Code: TH-X300PE (240v)

Weight: 1 lb (.5 kg)

1 TH-X300 Lamphead
1 VIP Lampak
1 200w, 120v lamp (FVL)

240v ver replaces FVL with GLF lamp. (Use T1-801 Eurocord). For 12 or 30v use, swap lamp & power cable (see pg 24).



Features

Rifa eX 66 is larger than models 44 & 55, yet it still folds up small enough to fit in many of our kits.

Use it with its supplied TH-X1000 lamphead and max. 750w lamp for high output, or switch to accessory TH-X300 eXchange lamphead, to go down to 105w with the same softness.

Working in daylight? There are accessory heads with fluorescent lamps to quickly convert as conditions change. Our high output, efficient 80w daylight fluorescent lamps has a high CRI for more accurate color rendering across the spectrum.



Dedicated softlight fixture with removable lamphead centered in collapsible silver aluminized high temperature Nomex[®] housing.

Accessory quick exchange lampheads allow use of lower wattage & voltage tungsten-halogen or daylight fluorescent lamps.

Max. 750w, or 500w with supplied TH-X1000 tungsten-halogen head. Or lower with accessory heads. See charts on page 25 for complete information:

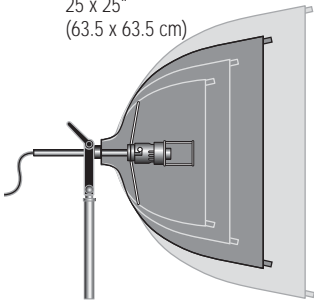
Fluorescent: 27, 65 & 80w screw-threaded, color accurate, daylight fluorescent lamps.

Tungsten-halogen: 105-750w AC, 50-200w DC.

eXchange Fluorescent Accessory Packs & cases, make it easy to "Go Flo". See pg 65.

LC-66EX Size

25 x 25"
(63.5 x 63.5 cm)

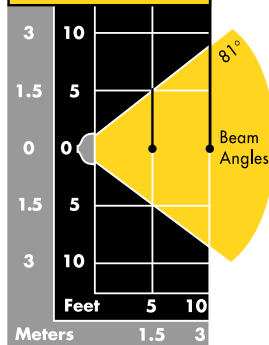


Performance

LC-66EX with 120v, 750w, 3200°K, EHF lamp

Foot Candles
(Lux = foot candles x 10.8)

LC-66EX 107 30



Beam angles-points at which intensity drops to 50% of maximum

Light &

Rifa eX 66

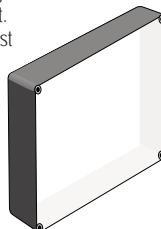


Code: LC-66EX
Size: 25 x 25" (63.5 x 63.5 cm), 29.5" (75 cm) collapsed
Weight with 4' captive cable: 3.5 lbs (1.6 kg)
Max. wattage: 750
Max. amperage: 6.25 at 120v
With 4' captive cable, 16' switched #18/3 extending power cord (T1-80), diffuser panel (LC-66D) and carrying sleeve. Less lamp.

Rifa eX 66 with lamp
Code: LC-66EX1
Same as above but with 120v, 750w EHF lamp.

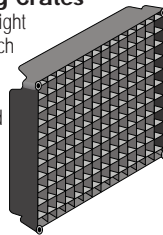
Replacement Diffuser For LC-66EX

Code: LC-66D
Size: 25 x 25" (66 x 66 cm)
Weight: 10 oz (280 g)
Standard light diffuser replacement. Diffuser must always be used to protect against lamp explosion.



Soft Egg Crates

For better light control. Each Egg Crate attaches quickly and afterwards folds up to be stored in its own small light-weight bag. Available in 3 dispersion angles: 30°, 40°, 50°.



30° Egg Crate
Code: LC-66EC/30
Weight: 12.5 oz (345 g)

40° Egg Crate
Code: LC-66EC/40
Weight: 9.5 oz (266 g)

50° Egg Crate
Code: LC-66EC/50
Weight: 12 oz (336 g)

Accessory Lampheads

TH-X300



Code: TH-X300
Weight: .45 lbs (.2 kg)
Tungsten-halogen, 125-300W at 120V, 235-300W at 240V, 50-100W at 12V, 200W at 30V, Lamps not included

FLO-X1



Code: FLO-X1
Weight: .8 lbs (.4 kg)
Fluorescent or Incandescent, Edison Screw-thread, 27W at 120/240V or 65W at 120V, Lamps not included

FLO-X3



Code: FLO-X3
Weight: 1.8 lbs (.8 kg)
Fluorescent Only Edison Screw-thread, 27W and 80w at 120/240V, or 65W at 120V, Individually switched lamps. Lamps not included.

Accessory Pack

TH-X300 Accessory Pack for Rifa eX 55, 66, & 88

Code: TH-X300P (120v)
Code: TH-X300PE (240v)
Weight: 1 lb (.5 kg)

1 TH-X300 Lamphead
1 ViP Lampak
1 200w, 120v lamp (FVL)

240v ver replaces FVL with GLF lamp. (Use T1-801 Eurocord). For 12 or 30v use, swap lamp & power cable (see pg 24).



Features

Rifa eX 88 is the largest of the Lowel Rifa eXchange family.

Between its supplied TH-X1000 and the accessory TH-X300 eXchange lamphead, the Rifa eX 88 boasts an extraordinary 105-1000w tungsten-halogen lamp range.

Lamp down low & move in closer, for decreased output with the same level of beautiful Rifa softness.

Other accessory lamp-heads allow use of High CRI screw-threaded fluorescents, including our 80w daylight lamp with high efficient output and accurate color rendering.



Dedicated softlight fixture with removable lamphead centered in collapsible silver aluminized high temperature Nomex[®] housing.

Accessory quick exchange lampheads allow use of lower wattage & voltage tungsten-halogen or daylight fluorescent lamps.

Max. 1000w, or 500 & 750w, with supplied TH-X1000 tungsten-halogen head. Or lower with accessory heads. See charts on page 25 for complete information:

Fluorescent: 27, 65 & 80w screw-threaded, color accurate daylight fluorescent lamps.

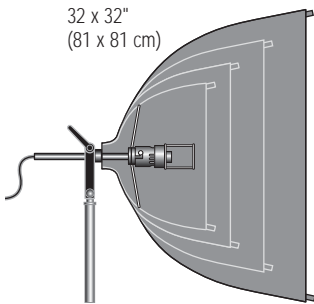
Tungsten-halogen: 105-1000w AC, 50-200w DC.

eXchange Fluorescent Accessory Packs & cases, make it easy to "Go Flo". See pg 65.



LC-88EX Size

32 x 32"
(81 x 81 cm)

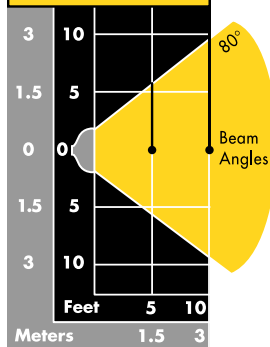


Performance

LC-88EX with 120v, 1000w, 3200°K, FEL lamp

Foot Candles
(Lux = foot candles x 10.8)

LC-88EX 189 53



Beam angles-points at which intensity drops to 50% of maximum

Light &

Rifa eX 88

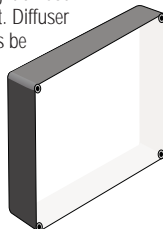


Code: LC-88EX
Size: 32 x 32" (81 x 81 cm), 34" (86 cm) collapsed
Weight with 4' captive cable: 4.5 lbs (2 kg)
Max. wattage: 1000
Max. amperage: 8.3 at 120v
With 4' captive cable, 16' switched #18/3 extending power cord (T1-80), light diffuser (LC-88D) and carrying sleeve. Less lamp.

Rifa eX 88 with lamp
Code: LC-88EX1
Same as above but with 120v, 1000w FEL lamp.

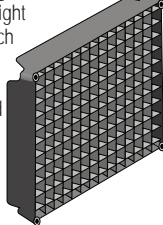
Replacement Diffuser

Code: LC-88D
Size: 32 x 32" (81.3 x 81.3 cm)
Weight: 12 oz (380 g)
Standard light diffuser replacement. Diffuser must always be used to protect against lamp explosion.



Soft Egg Crates

For better light control. Each Egg Crate attaches quickly and afterwards folds up to be stored in its own small light-weight bag. Available in 3 dispersion angles: 30°, 40°, 50°.



30° Egg Crate
Code: LC-88EC/30
Weight: 1 lb (448 g)

40° Egg Crate
Code: LC-88EC/40
Weight: 12 oz (336 g)

50° Egg Crate
Code: LC-88EC/50
Weight: 14 oz (392 g)

Accessory Lampheads

TH-X300



Code: TH-X300
Weight: .45 lbs (.2 kg)
Tungsten-halogen, 125-300W at 120V, 235-300W at 240V, 50-100W at 12V, 200W at 30V, Lamps not included

FLO-X1



Code: FLO-X1
Weight: .8 lbs (.4 kg)
Fluorescent or Incandescent, Edison Screw-thread, 27w and 80w at 120/240v or 65w at 120v. Lamps not included.

FLO-X3



Code: FLO-X3
Weight: 1.8 lbs (.8 kg)
Fluorescent Only Edison Screw-thread, 27w and 80w at 120/240v, or 65w at 120v. Individually switched lamps. Lamps not included.

FLO-X5



Code: FLO-X5
Weight: 2.75 lbs (1.25 kg)
Fluorescent Only Edison Screw-thread 27w at 120/240v, 65w at 120v, 80w at 120/240Vv, Individually switched lamps. Lamps not included.

Accessory Pack

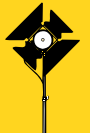
TH-X300 Accessory Pack for Rifa eX 55, 66, & 88

Code: TH-X300P (120v)
Code: TH-X300PE (240v)
Weight: 1 lb (.5 kg)

- 1 TH-X300 Lamphead
- 1 VIP Lampak
- 1 200w, 120v lamp (FVL)

240v ver replaces FVL with GLF lamp. (Use T1-801 Eurocord). For 12 or 30v use, swap lamp & power cable (see pg 24).





Rifa eX Retrofit



All original Rifa-lite models can be updated to Rifa eX models, either by available user upgrade kits or by the Lowel Repair Dept.

Each retrofit replaces the center core of the Rifa with a new core & a removable version of the same lamphead the original Rifa came with.

User retrofits should only be done by a skilled electrician, or Lowel Repair Dept. If unsure, contact Lowel, or download & read the Rifa eX retrofit instructions for more information: www.lowel.com

Rifa 44 to Rifa eX 44 User Retrofit Kit
Code: LC-74

Lowel Repair Dept Retrofit
Code: LC-741

Rifa 55 to Rifa eX 55 User Retrofit Kit
Code: LC-75

Lowel Repair Dept Retrofit
Code: LC-751

Rifa 66 to Rifa eX 66 User Retrofit Kit
Code: LC-76

Lowel Repair Dept Retrofit
Code: LC-761

Rifa 88 to Rifa eX 88 User Retrofit Kit
Code: LC-78

Lowel Repair Dept Retrofit
Code: LC-781

Rifa eX Gels

Rifa Daylight Gel Sets

For correcting tungsten lamped Rifas to mix with varying strengths of daylight. They attach to Rifa's velcro pockets with clothespins. Each set contains 3 sheets: Day Blue; 1/2 Blue; & 1/4 Blue (1 sheet each).

For LC-44EX
Code: LC-47
Size: 23 x 16" (58.4 x 40.6 cm)

For LC-55EX
Code: LC-57
Size: 29 x 22" (73.7 x 56 cm)

For LC-66EX
Code: LC-67
Size: 33 x 26" (84 x 66 cm)

For LC-88EX
Code: LC-87
Size: 39 x 32" (99 x 81.3 cm)

Lamp Tubes

27w Lamptube



Code: FLO-X61
Size: 13 x 3.5" (33 x 9 cm)
Weight: .4 lbs (.2 kg)
High impact plastic tube with end caps and foam inner cushion. Holds (2) 27w screw-threaded fluorescent lamp for eXchange System lampheads. Lamps not included.

65w Lamptube



Code: FLO-X62
Size: 12 x 5" (28 x 13 cm)
Weight: .5 lbs (.25 kg)
High impact plastic tube with end caps and foam inner cushion. Holds (1) 65w screw-threaded fluorescent lamp for eXchange System lampheads. Lamps not included.

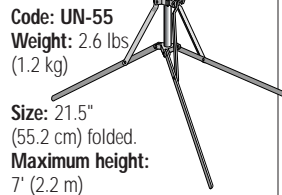
80w Lamptube



Code: FLO-X63
Size: 13 x 3.5" (33 x 9 cm)
Weight: .4 lbs (.2 kg)
High impact plastic tube with end caps and foam inner cushion. Holds (1) 80w screw-threaded fluorescent lamp for eXchange System lampheads. Lamps not included.

Mounts

Uni TO Stand



Code: UN-55
Weight: 2.6 lbs (1.2 kg)
Size: 21.5" (55.2 cm) folded.
Maximum height: 7' (2.2 m)
Base diameter: 46" New stand, based on design combination of Uni-stand & Omni-stand. More stable than Uni-stand, more compact than Omni-stand. For Rifa eX 44.

KS Jr. Stand



Code: DT-33
Size: Maximum height: 7'7" (2.3 m), Collapsed length: 2.3' (65 cm)
Weight: 3.5 lbs (1.6 kg)
Wide based, sturdy, lightweight stand with 5/8" (1.59 cm) stud and solid bar legs. For Rifa eX 44, 55, 66.

Mounts

KS Stand



Code: KS
Size: Maximum height: 9' (2.74 m), Collapsed length: 3' (91 cm)
Weight: 4 lbs (1.8 kg)
Wide based, sturdier, lightweight stand with 5/8" (1.59 cm) stud. For all 4 Rifas.

KSA Stand

Code: KSA
Black-anodized, air-cushioned stand. Otherwise same as above.

Balance Bar



Code: LC-30
Size: 12.5" (31.8 cm)
Weight: 6.5 oz (184 g)
The Rifa Balance Bar is an extension arm accessory that mounts between the Rifa eX and its stand fitting (models 55, 66, & 88 only). When installed, it effectively changes the Rifa's center of gravity to facilitate angling and tilting of the light when necessary, such as on a boom arm, without the need to overtighten the stand fitting knob.

Tota-clamp

Code: T1-30
Weight: 4 oz (113 g)
Clamps onto pipes, shelves, etc. up to 1 7/8" (4.78 cm) thick. 5/8" (1.59 cm) stud locks in two positions and accepts a light. Also accepts two Flexi-shafts with flags or flectors.



Safety Cable (3)

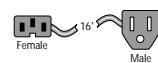


Code: CM-50
Weight: 2 oz (57 g)
Recommended for extra security when attaching Rifa-lites overhead. (Set of 3).

For more mounts: see Mounts section.

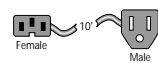
Cables

16' Switched AC Cable



Code: T1-80
Weight: 13 oz (369 g)
Standard #18/3; with switch.

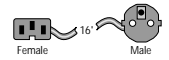
10' Unswitched Cable



Code: T1-808
Weight: 1.1 lbs (.5 kg)
For portable stage lighting use. "Hard service" #18/3 cable.

Cables

16' (5 m) Eurocord



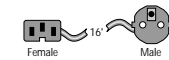
Code: T1-801
Weight: 13 oz (369 g)
#18/3 (.75 mm/3) with double pole switch and male CEE-7 plug. For approved CE use.

16' (5 m) UK Cord



Code: T1-802
Weight: 13 oz (369 g)
#18/3 (.75 mm/3) with double pole switch and male fused BS 1363A plug. For approved CE use.

16' (5 m) Eurocord



Code: T1-801
Weight: 13 oz (369 g)
#18/3 (.75 mm/3) with double pole switch and male CEE-7 plug. For approved CE use.

5' 30v Cable



Code: O1-81
Adapts Rifa eX 44, and other models using TH-X300 lamphead, for use with 30 volt battery #18/3; with switch and 2 pin "Amphenol Type" connector for batteries.

4-pin XLR Switched Cable



Code: R2-82
Adapts Rifa eX 44, and other models using TH-X300 lamphead, for use with appropriate 12 volt batteries. No wiring required.

1' 12v Switched Cigarette Lighter/ Car Adaptor Cable



Code: R2-85
Adapts Rifa eX 44, and other models using TH-X300 lamphead, for use with some 12 volt batteries and automobile cigarette lighter sockets. No wiring required.

The Lowel Rifa eXchange family uses the eXchange System's quick change modular lampheads to allow larger Rifas to use lower wattage and DC powered lamps. It also allows all models to use our high quality color accurate, screw-threaded fluorescent lamps. The below charts give an overview of output performance.

The fluorescent lampheads & lamps of the eXchange System are also used by the SoftCore™ System shown on the following pages. The efficient output & high color accuracy of Lowel's fluorescent lamps make beautiful soft-lit images easier to create.

Rifa eX 44 Lamp/Beam Data

With THX-X300 Lamphead

Lamp Code	Volts	Watts	°K	Avg Life	FC(lux) 5'	FC(lux) 10'
JCV14.5-50WC						
12/14	50	3200	3200	100 hr	7 (80)	2 (22)
GCC	12	100	3200	100 hr	8 (81)	2 (22)
GCB	30	200	3200	100 hr	20 (220)	5 (58)
FSH	120	125	3200	100 hr	15 (166)	4 (46)
FVM	120	105	3200	250 hr	14 (148)	4 (40)
FVL**	120	200	3200	200 hr	33 (356)	9 (100)
GCA	120	250	3200	100 hr	39 (418)	10 (111)
CP/96*	120	300	3400	75 hr	49 (532)	14 (147)
GLF/P44	230	235	3200	100 hr	35 (381)	9 (102)
CP/97*	230	300	3200	75 hr	54 (582)	15 (159)

* Different lamp base, Rifa-44 socket accepts this base.

** Longer life lamp recommendation (slightly lower wattage).

With FLO-X1 Lamphead

E1-27	120	27	5500	8000 hr	10 (108)	3 (30)
E1-27E	230	25	5500	8000 hr	11 (114)	3 (31)

With FLO-X3 Lamphead

(with all 3 lamps lit)

E1-27	120	27	5500	8000 hr	23 (250)	6 (69)
E1-27E	230	25	5500	8000 hr	25 (265)	7 (73)

Rifa eX 55 Lamp/Beam Data

With TH-X1000 Lamphead

Lamp Code	Volts	Watts	°K	Avg Life	FC(lux) 5'	FC(lux) 10'
EHC	120	500	3200	300 hr	72 (778)	19 (209)
EHD	120	500	3000	2000 hr	69 (745)	18 (198)
JCV 220V-500WBM						
220	500	3000	2000 hr	78 (846)	21 (228)	
JCV 240V-500WBM						
240	500	3000	2000 hr	66 (710)	17 (188)	

With TH-X300 Lamphead

Lamp Code	Volts	Watts	°K	Avg Life	FC(lux) 5'	FC(lux) 10'
JCV14.5-50WC						
12/14	50	3200	3200	100 hr	7 (79)	2 (22)
GCC	12	100	3200	100 hr	11 (122)	3 (33)
GCB	30	200	3200	100 hr	25 (274)	6 (65)
FSH	120	125	3200	100 hr	17 (183)	5 (50)
FVM	120	105	3200	250 hr	15 (158)	4 (43)
FVL**	120	200	3200	200 hr	35 (378)	9 (100)
GCA	120	250	3200	100 hr	41 (448)	11 (120)
CP/96*	120	300	3400	75 hr	55 (593)	14 (156)
GLF/P44	230	235	3200	100 hr	37 (396)	10 (105)
CP/97*	230	300	3200	75 hr	59 (639)	16 (170)

** Longer life lamp recommendation (slightly lower wattage).

With FLO-X1 Lamphead

E1-27	120	27	5500	8000 hr	9 (92)	3 (31)
E1-27E	230	25	5500	8000 hr	9 (97)	3 (32)

With FLO-X3 Lamphead

(with all 3 lamps lit)

E1-27	120	27	5500	8000 hr	22 (233)	7 (78)
E1-27E	230	25	5500	8000 hr	23 (252)	8 (85)
X1-65	120	65	5500	8000 hr	64 (696)	18 (199)
E1-80	120	80	5500	8000 hr	60 (653)	18 (190)
E1-80E	120	80	5500	8000 hr	71 (763)	21 (225)

Rifa eX 66 Lamp/Beam Data

With TH-X1000 Lamphead

Lamp Code	Volts	Watts	°K	Avg Life	FC(lux) 5'	FC(lux) 10'
EHF	120	750	3200	300 hr	109 (1180)	30 (326)
EHG	120	750	3000	2000 hr	89 (962)	24 (262)
FKR/240	240	650	3200	300 hr	92 (990)	25 (270)
EHC	120	500	3200	300 hr	85 (915)	24 (263)
EHD	120	500	3000	2000 hr	67 (720)	19 (206)
JCV 220V-500WBM						
220	500	3000	2000 hr	77 (829)	22 (238)	
JCV 240V-500WBM						
240	500	3000	2000 hr	70 (760)	20 (214)	

With TH-X300 Lamphead

Lamp Code	Volts	Watts	°K	Avg Life	FC(lux) 5'	FC(lux) 10'
JCV14.5-50WC						
12/14	50	3200	3200	100 hr	8 (82)	2 (23)
GCC	12	100	3200	100 hr	6 (68)	2 (18)
GCB	30	200	3200	100 hr	22 (233)	6 (66)
FSH	120	125	3200	100 hr	18 (189)	5 (53)
FVM	120	105	3200	250 hr	15 (159)	4 (46)
FVL**	120	200	3200	200 hr	33 (351)	9 (97)
GCA	120	250	3200	100 hr	42 (455)	12 (126)
CP/96*	120	300	3400	75 hr	55 (598)	15 (167)
GLF/P44	230	235	3200	100 hr	33 (358)	9 (99)
CP/97*	230	300	3200	75 hr	59 (633)	17 (182)

** Longer life lamp recommendation (slightly lower wattage).

With FLO-X1 Lamphead

E1-27	120	27	5500	8000 hr	10 (113)	3 (32)
E1-27E	230	25	5500	8000 hr	11 (120)	3 (34)

With FLO-X3 Lamphead

(with all 3 lamps lit)

Lamp Code	Volts	Watts	°K	Avg Life	FC(lux) 5'	FC(lux) 10'
E1-27	120	27	5500	8000 hr	27 (293)	8 (85)
E1-27E	230	25	5500	8000 hr	29 (309)	8 (89)
X1-65	120	65	5500	8000 hr	28 (303)	8 (83)
E1-80	120	80	5500	8000 hr	58 (623)	17 (186)
E1-80E	120	80	5500	8000 hr	71 (763)	21 (225)

Rifa eX 88 Lamp/Beam Data

With TH-X1000 Lamphead

Lamp Code	Volts	Watts	°K	Avg Life	FC(lux) 5'	FC(lux) 10'
FEL	120	1000	3200	300 hr	195 (2110)	56 (608)
FEP	240	1000	3200	150 hr	160 (1730)	45 (491)
EHF	120	750	3200	300 hr	115 (1240)	33 (358)
EHG	120	750	3000	2000 hr	96 (1040)	28 (301)
FKR/230	230	650	3200	300 hr	124 (1340)	36 (386)
EHC	120	500	3200	300 hr	85 (918)	24 (264)
EHD	120	500	3000	2000 hr	73 (786)	19 (210)
JCV 220V-500WBM						
220	500	3000	2000 hr	78 (846)	23 (243)	
JCV 240V-500WBM						
240	500	3000	2000 hr	70 (754)	20 (216)	

With TH-X300 Lamphead

Lamp Code	Volts	Watts	°K	Avg Life	FC(lux) 5'	FC(lux) 10'
JCV14.5-50WC						
12/14	50	3200	3200	100 hr	7 (76)	2 (22)
GCC	12	100	3200	100 hr	6 (69)	2 (20)
GCB	30	200	3200	100 hr	27 (293)	8 (83)
FSH	120	125	3200	100 hr	17 (185)	5 (55)
FVM	120	105	3200	250 hr	15 (161)	4 (46)
FVL**	120	200	3200	200 hr	40 (427)	11 (121)
GCA	120	250	3200	100 hr	41 (441)	12 (127)
CP/96*	120	300	3400	75 hr	55 (593)	15 (167)
GLF/P44	230	235	3200	100 hr	40 (436)	11 (124)
CP/97*	230	300	3200	75 hr	59 (639)	17 (180)

** Longer life lamp recommendation (slightly lower wattage).

With FLO-X1 Lamphead

E1-27	120	27	5500	8000 hr	10 (113)	3 (32)
E1-27E	230	25	5500	8000 hr	11 (120)	3 (34)

With FLO-X3 Lamphead

E1-27	120	27	5500	8000 hr	28 (307)	8 (88)
E1-27E	230	25	5500	8000 hr	29 (318)	9 (93)
X1-65	120	65	5500	8000 hr	34 (365)	10 (104)
E1-80	120	80	5500	8000 hr	66 (715)	20 (215)
E1-80E	220	80	5500	8000 hr	81 (874)	24 (264)

With FLO-X5 Lamphead

(with all 5 lamps lit)

E1-27	120	27	5500	8000 hr	50 (539)	15 (163)
E1-27E	230	25	5500	8000 hr	41 (555)	15 (167)
X1-65	120	65	5500	8000 hr	34 (365)	10 (104)
E1-80	120	80	5500	8000 hr	108 (1167)	33 (351)
E1-80E	120	80	5500	8000 hr	121 (1307)	36 (392)

Fluorescent 120/230v, Max 100w lamps

Introducing SoftCore™, a compact light fixture that adds versatility and control to fluorescent softbox lighting setups.

This multi-patented modular system uses the fluorescent lampheads of the Rifa eXchange System to light with up to 5 lamps, using most standard softboxes (not included).

Add our 80 Watt daylight fluorescent lamps for high output with accurate color. Its high frequency (20 kHz) ballast is designed for flicker-free hi-res digital still, video, & most slow-motion cinema use.

SoftCore can use the eXchange Accessory Fluorescent Packs & Kits. See page 65 for more information on these convenient ways to carry lampheads & lamps.

3 easy to swap fluorescent lamphead options, with switches for each lamp.

Patented 4 arm hooking system for easier softbox attachment.

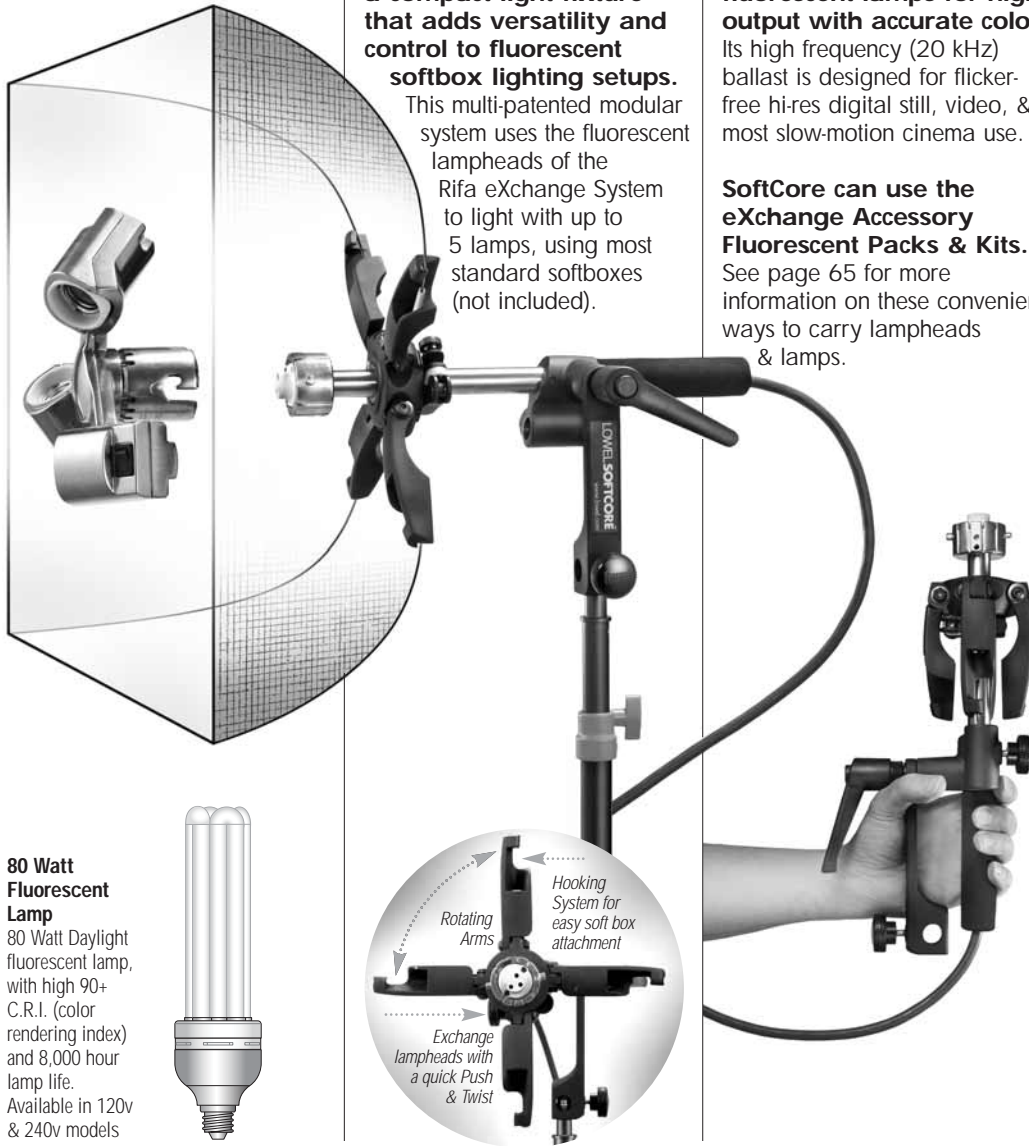
Arms rotate & adjust for optimum softbox balance and position.

Convenient tilt handle for smooth lighting angle adjustments.

Allows attachment of a Lowel Pole & Weight for perfect balance on the stand, when using larger front heavy lampheads, lamps, & softboxes

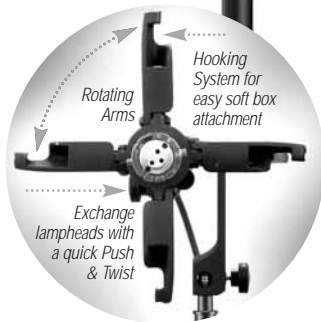
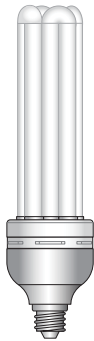
Folds down efficiently for compact kit storage.

Accepts Lowel Half Pole & Weight for counter-balancing heavier lampheads & softboxes.



80 Watt Fluorescent Lamp

80 Watt Daylight fluorescent lamp, with high 90+ C.R.I. (color rendering index) and 8,000 hour lamp life. Available in 120v & 240v models



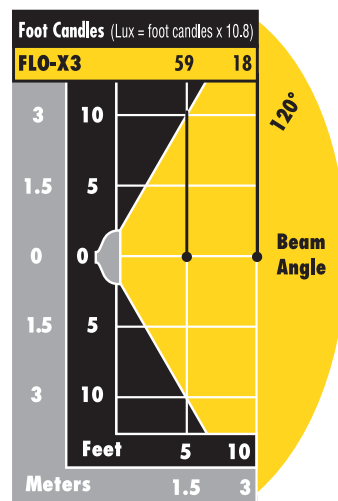
SoftCore Performance

These charts show foot candle readings for Lowel SoftCore, with 80w daylight, fluorescent lamps.

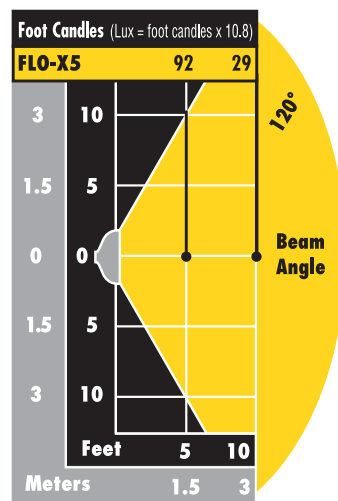
Readings are shown for use with each of the 3 accessory lampheads, fully lamped, and a Chimera Video Pro Plus Medium Softbox attached.

Beam angles-points at which intensity drops to 50% of maximum. Readings taken with Minolta CL-200 meter.

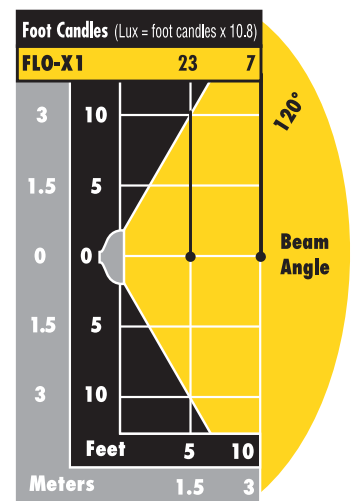
With FLO-X3 lamphead



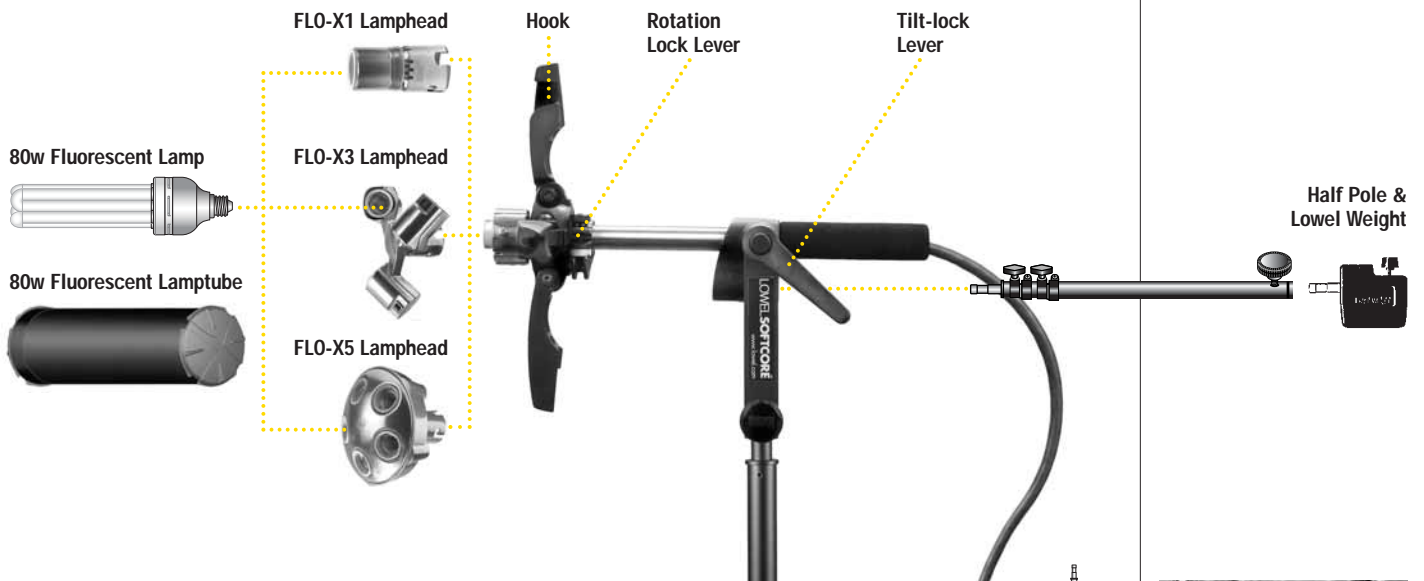
With FLO-X5 lamphead



With FLO-X1 lamphead



Modular SoftCore System



Lights & Combinations



SoftCore™
Code: SX-10
Weight: 3.2 lbs (1.45 kg)
Lowel SoftCore with 16' T1-80 AC Cable (less lampheads & lamps).



SoftCore w/FLO-X3 Head

Code: SX-103
Weight: 5 lbs (2.3 kg)
Lowel SoftCore with 16' T1-80 AC Cable, and FLO-X3 individually switched 3 socket lamphead (less lamps).



SoftCore w/FLO-X5 Head

Code: SX-105
Weight: 6 lbs (2.7 kg)
Lowel SoftCore with 16' T1-80 AC Cable, and FLO-X5 individually switched 5 socket lamphead (less lamps).



SoftCore w/FLO-X1 Head

Code: SX-101
Weight: 4 lbs (1.8 kg)
Lowel SoftCore with 16' T1-80 AC Cable, and FLO-X1 single socket lamphead (less lamps).

eXchange Lampheads

SoftCore uses some of the accessory lampheads of the Lowel Rifa eXchange System. They should only be used with fluorescent lamps. All are available separately.

FLO-X1 Head
Code: FLO-X1
Weight: .8 lbs (.4 kg)
Single Edison Lamp Socket, unswitched.

FLO-X3 Head
Code: FLO-X3
Weight: 1.8 lbs (.8 kg)
Three Edison Lamp Sockets, switched.

FLO-X5 Head
Code: FLO-X5
Weight: 2.75 lbs (1.25 kg)
Five Edison Lamp Sockets, switched.

Lamps & Lamptubes

Lowel SoftCore's lampheads use fluorescent lamps with an Edison screw-thread base.

80 Watt Fluorescent Lamps

E1-80
120v, 80w, 5500k, 90+ C.R.I., 8000 hr life

E1-80E
220v, 80w, 5500k, 90+ C.R.I., 8000 hr life

27 Watt Fluorescent Lamps

E1-27
120v, 27w, 5500k, 90+ C.R.I., 8000 hr life

E1-27E
220v, 25w, 5500k, 90+ C.R.I., 8000 hr life

Fluorescent Lamptubes

FLO-X63
Plastic tube with foam padding. Holds 1 80w lamp (less lamps)

FLO-X61
Plastic tube with foam padding & center divider. Holds 2 27w lamps (less lamps)

Mounts

KS Stand
Code: KS
Maximum height: 9' (2.74 m).
Collapsed length: 3' (91 cm)
Weight: 4 lbs (1.8 kg)
Wide based, sturdier, lightweight stand with 5/8" (1.59 cm) stud.

Half Pole
Code: KPH
Weight: 1.1 lbs (.5 kg)
Maximum height: 3' (91 cm)
Collapsed length: 18" (46 cm)
Extends stands, or can be used with Grip Clamp on stand as a boom. 2 Risers (3 sections). Can also be used with Lowel Weight in SoftCore to balance larger rigs, with larger softboxes.

Lowel Weight

Code: LW
Weight: 4.25 lbs (1.93 kg)
Modular counterweight. A 5/8" (1.59 cm) stud locks on female end of Lowel poles to counterbalance booms; two or three weights fit together for additional weight. Slots in bottom fit on stand leg.



Compact, Self-contained Location Fluorescents 120/230v, 55w lamps

The Case IS the Light!

For the pro on the go, the all-in-one Caselites offer your choice of daylight or tungsten color in a compact, easy to carry fluorescent package.



The current popularity of fluorescent lights

in film & video production is well deserved. They offer cool, soft and efficient light at several times the output of incandescent halogen sources. Unfortunately, they can also be too cumbersome and fragile to use on location, often requiring several cases to carry lights and accessories. The Caselites solve that problem by being compact, lightweight, rugged and completely self-contained without sacrificing output or light quality. The all-in-one Caselite is both light & case combined. Pop the lid and there's room inside for stand-fitting tilt-bracket & plate, plus power cord, stand, or spare bulbs.

2 Efficient models:

2 x 55w & 4 x 55w tube fixtures.

Auto voltage-setting models for 120°/230v operation

Case lid: holds spare lamps or stand, plus egg crate, mounting plate, stand tilt-bracket, power cord.

Internal ballast means quicker setup time.

Efficient reflector & ballast design allows maximum light output.

Daylight or Tungsten: uses 5300°K or 3000°K compact fluorescent lamps.

Individual lamp switches: to control output intensity without dimming.

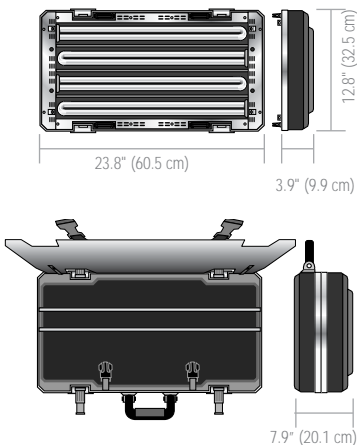
Supplied light controls include: quick release egg crate grid, mounted gel clips, dual purpose barndoor/intensifiers.

Rugged lightweight stackable case made of heavy duty ABS plastic.

Updated tilt-bracket for easy stand mounting & versatile lamp positioning.

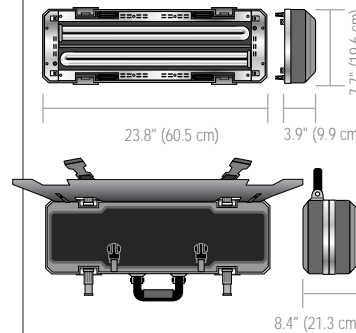
Ideal for TV news crews & documentary video production.

Caselite4 Technical Data



Weight:
Fixture with lamps: 7.9 lbs (3.6 kg)
Fixture with lamps, Egg Crate, Intensifiers, Plate & Stand-Fitting Bracket, AC Cable: 14.2 lbs (6.4 kg)
Fixture with above, plus lid: 21 lbs (9.5 kg)
Amperage: 2.6 at 120v, 1.4 at 230v
Fits on: 5/8" (1.59 cm) stud
Materials: High impact ABS and aluminum
Cable: removable 16' (4.88m) #18/3 with switch
Switch: 1 in-line and 4 recessed lamp switches on back (CE - 1 in-line and 2 recessed)
U.S. Patents: 6164801; D428,254; 6,554,459,B72

Caselite2 Technical Data



Weight:
Fixture alone: 5.3 lbs (2.4 kg)
Fixture with lamps, Egg Crate, Intensifiers, Plate & Stand-Fitting Bracket, AC Cable: 10 lbs (4.5 kg)
Fixture with above, plus lid: 14 lbs (6.4 kg)
Amperage: 1.3 at 120v, .7 at 230v
Fits on: 5/8" (1.59 cm) stud
Materials: High impact ABS and aluminum
Cable: removable 16' (4.88 m) #18/3 with switch
Switch: 1 in-line and 2 recessed lamp switches on back (CE - 1 in-line and 1 recessed)
U.S. Patents: 6164801; D428,254; 6,554,459,B72

Caselite Lamps

Lowel Code	Mfrs Code	Watts	°K	CRI	Mfrs Avg Life
FLS-55TU	Osram Studioline 55w/3200	55	3200 (tungsten)	85	8,000 hrs
FLS-55DA	Osram Studioline 55w/5600	55	5600 (daylight)	85	8,000 hrs
FLC-55TU*	GE F55BX/CINPLUS32	55	3200 (tungsten)	90+	8,000 hrs
FLC-55DA*	GE F55BX/CINPLUS55	55	5500 (daylight)	90+	8,000 hrs

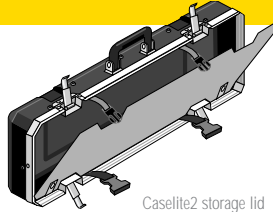
* GE Cinema-Plus lamps, better lighting for film (still or motion picture) due to better color rendering with film emulsions. May require 1/8 "minus green" filtration gel.

Caselite2

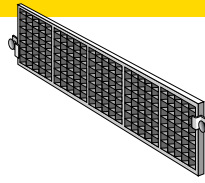
Code: CF-20
Weight: 13.3 lbs (6 kg)
Size: 23.8 x 7.7 x 8.4"
 (60.5 x 19.6 x 21.3 cm)

Code: CF-20CE
 CE approved Euro model.

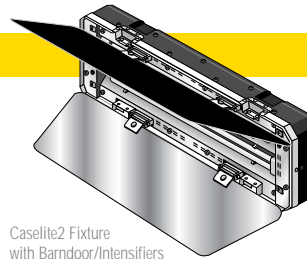
Less lamps.



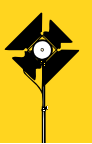
Caselite2 storage lid



Caselite2 Snap-on Egg Crate



Caselite2 Fixture with Barndoor/Intensifiers

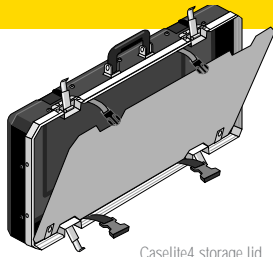


Caselite4

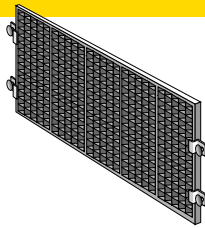
Code: CF-40
Weight: 19.6 lbs (8.9 kg)
Size: 23.8 x 12.8 x 7.9"
 (60.5 x 32.5 x 20.1 cm)

Code: CF-40CE
 CE approved Euro model.

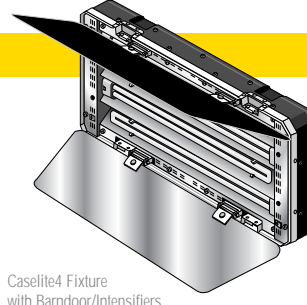
Less lamps.



Caselite4 storage lid



Caselite4 Snap-on Egg Crate



Caselite4 Fixture with Barndoor/Intensifiers

Caselite2 & Caselite4 Supplied Components

Caselite storage lid

Storage space for all the listed components plus Uni Sr. Stand and/or lamps.

Snap-on Egg Crate

Further controls light spill with loss of output.

CF-22	Caselite2
CF-42	Caselite4

2 Barndoor/Intensifiers

Dual purpose reversible Barndoor/Intensifiers can be used with black barndoor side facing in to cut spill or reflective intensifier side facing in to increase output. (approx. 50%)

CF-21	Caselite2
CF-41	Caselite4

Mounting Plate

Code: CF-35
 Updated Mounting Plate attaches to back of fixture, allowing use of Stand-fitting Tilt-bracket or standard 5/8" stud. Allows fixture to rotate 360°.

Stand-fitting Tilt-bracket

Code: CF-36
 Updated bracket with 5/8" stud. Keeps Caselite's center of gravity squarely over stand for best balance, while allowing maximum rotation & angling of fixture.

Gel-jawz (8)

Code: CL-15
 Package of eight clips. Attach to barndoor leaves to hold gels.

16' Power Cable

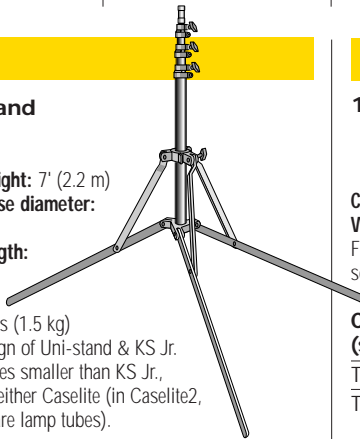
Code: T1-80
 (or applicable CE cable)
 #18/3 switched AC.

Mount

Uni Sr. Stand

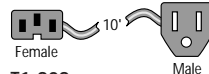
Code: UN-66
Maximum height: 7' (2.2 m)
Maximum base diameter: 46" (1.2 m)
Collapsed length: 2.5" (57.2 cm)

Weight: 3.3 lbs (1.5 kg)
 Based on design of Uni-stand & KS Jr. stand. Collapses smaller than KS Jr., fits into lid of either Caselite (in Caselite2, in place of spare lamp tubes).



Optional

10' Unswitched Cable

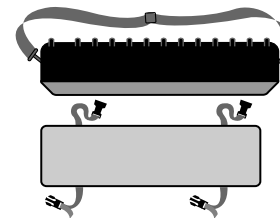


Code: T1-808
Weight: 1.1 lbs (.5 kg)
 For portable stage lighting use. "Hard service" #18/3 cable.

CE approved AC Cables (switched)

T1-801	Eurocord
T1-802	UK Cord

Caselite Lampak

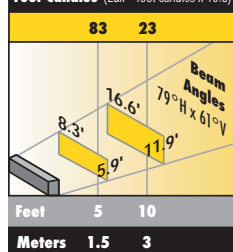


Code: CL-85
 High impact molded polyethylene case with foam inserts to hold 6 T-55 lamps. With padded shoulder strap.

Caselite2 Performance

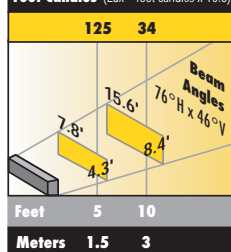
WITHOUT INTENSIFIERS

Foot Candles (Lux = foot candles x 10.8)



WITH INTENSIFIERS *

Foot Candles (Lux = foot candles x 10.8)



* Intensifiers set at approx. 40°

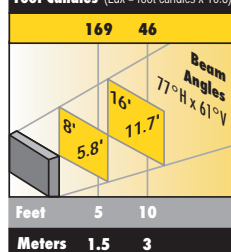
All readings taken at the center of the beam, with daylight lamps, using Minolta T1 meter, and Daylight Studioline Lamps.

Beam angles points at which intensity drops to 50% of maximum

Caselite4 Performance

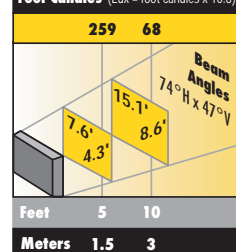
WITHOUT INTENSIFIERS

Foot Candles (Lux = foot candles x 10.8)



WITH INTENSIFIERS *

Foot Candles (Lux = foot candles x 10.8)



Multi-Tasking Fluorescent

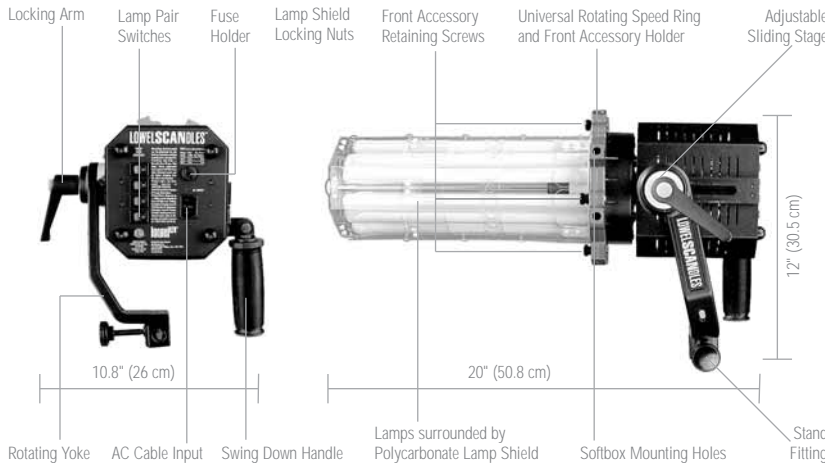


LowelScandles is the first multi-tasking fluorescent fixture. Its unique cluster of lamps make a whole new set of options possible for adding accessories to shape and direct the output.

200 Watt daylight or tungsten balanced light output from 8 lamps (24w/12" or 18w/8"), switched in pairs for easy variable output.

90+CRI lamps available in 5500°K and 3000°K. High efficiency output: 50 lumen/Watt.

Auto-setting dual-voltage input (120/230 VAC, 50/60Hz), flicker-free high efficiency internal ballast (39KHz).



Light Controls

LowelScandles Fixture with installed Universal Softbox Speed Ring, Polycarbonate Lamp Shield, 16' AC cable with switch, 8 fluorescent lamps (12", 24w, 5300°K daylight or 24w 3000°K tungsten corrected). (Pictured on left)

Daylight
Code: LSF-10DA

Tungsten
Code: LSF-10TU



Lowel Scandles Light & Cone
Daylight
Code: LSF-05DA

Tungsten
Code: LSF-05TU
Size: 20 x 11 x 8" (50.8 x 26 x 30.5 cm)
Weight: 11 lbs (5.5 kg)
Same as above, but with Collapsible Cone Intensifier & Front Diffuser.



Collapsible Cone Intensifier with Front Diffuser
Code: LSF-15
Size: 14" L x 19" diameter (35.5 x 48.25 cm)
Flexible snap on reflector, and removable diffuser quickly breaks down to store in light case

Clear Polycarbonate Shield

Shield 12"
Code: LSF-212
Shield 8"
Code: LSF-208
Weight: .5 lbs (224 g) approx.
Shield surrounds lamps to provide shock absorption.
2 models for 12" or 8" compact fluorescent lamps.

Aluminum Cone Reflector

Code: LSF-17
Size: 12.5" L x 14" diameter (32 x 35 cm)
Weight: 1.4 lbs (1.27 kg)
Non-collapsible cone reflector.

Mounts

KS Stand
Code: KS
Size: Maximum Height: 9' (2.74 m)
Collapsed length: 3' (91 cm)
Weight: 4 lbs (1.8 kg)

KSA Stand
Code: KSA
Same as above but black-anodized, air-cushioned stand.

Uni Sr. Stand
Code: UN-66
Weight: 3.3 lbs (1.5 kg)
Size: 22.5" (57.2 cm) folded.
Maximum height: 7' (2.2 m)

KS Jr. Stand
Code: DT-33
Maximum height: 77" (2.3 m),
Collapsed length: 2'4" (65 cm)
Weight: 3.5 lbs (1.6 kg)

Safety Cable (3)
Code: CM-50
Weight: 2 oz (57 g)

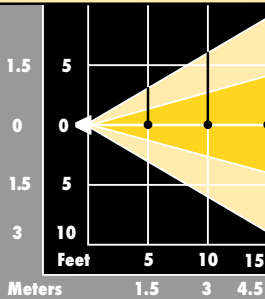
Cables

16' Switched AC Cable
Code: T1-80
Weight: 13 oz (369 g)
Standard #18/3; with switch.

10' Unswitched Cable
Code: T1-808
Weight: 1.1 lbs (.5 kg)
For portable stage lighting use.
"Hard service" #18/3 cable.

Performance

Foot Candles (Lux = foot candles x 10.8)			
With Cone Reflector	133	31	16
With Cone Reflector & Diffuser	43	10	5



Lamp: Osram Dulux L 24w/12 Daylight
Color Temperature:
5050 – With Collapsible Cone Reflector
4900 – With Collapsible Cone Reflector & Front Diffuser

Beam Angles:
• points at which intensity drops to 50% of maximum
• readings taken at center of beam

Technical Data

Size: 20 x 10.8 x 12" (50.8 x 26 x 30.5 cm)
Weight without AC cable: 8.5 lbs
Max. wattage: 200
Max. amperage: 2.5A
Beam control: variable with front accessories

Fits on: 5/8" stand studs
Materials: Primarily aluminum alloy
Cable: 16' #18/3 wire, switched
Switches: 4 on fixture (each controls 1 pair of lamps)

Lamp Data

Code	Wattage	Size	CRI	Description	Avg Life	°K
LSF-24DA	24w	12"	90+	Dulux L 24w/12"	8000 hr	5300 (Daylight)
LSF-24TU	24w	12"	90+	Dulux L 24w/32"	8000 hr	3000 (Tungsten)
LSF-18DA	18w	8"	90+	Dulux L 18w/12"	8000 hr	5300 (Daylight)
LSF-18TU	18w	8"	90+	Dulux L 18w/32"	8000 hr	3000 (Tungsten)

*Osram Dulux® Lamps (mfr. rated lamp life – 8,000 hrs.). When working with film emulsions, may require "minus green" filtration gel (1/4 or 1/2).

Studio/Location Fluorescents

120/230v, 55w

As comfortable in the studio as it is on location, TRIO™ delivers a beautiful, soft source of high CRI daylight or tungsten color. Its 3 lamps are individually switched, to control light output. Designed with Lowel's legendary attention to detail, TRIO's mounting system keeps the light balanced over the stand while allowing a full range of tilting positions.



Auto voltage setting ballast, from 120 - 230v

Use high CRI daylight or tungsten compact 55w lamps for accurate color matching with other light sources

Individual lamp switching for variable output control

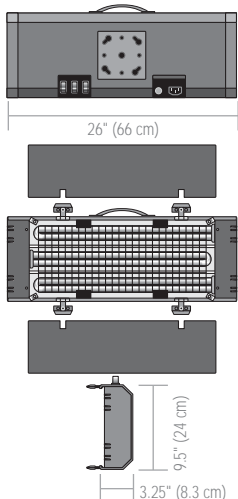
Quick release dual purpose barndoor/intensifiers

Easy to install egg crate for trimming spill

Mounting Plate can be attached to allow horizontal or vertical rotation of the TRIO for maximum versatility of positioning



TRIO Sizes



Lights &

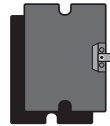
Lowel TRIO™



Code: FLT-300
Lowel TRIO with Mounting Plate, Tilt-bracket (CF-36), Reversible Barndoor/Intensifiers, Accessory Egg Crate, and 16' T1-80 AC Cable (less lamps).

TRIO Side Barndoors

Code: FLT-310
Accessory side barndoors attach to trim sideways spill from TRIO. Non-reversible. Minor assembly required.



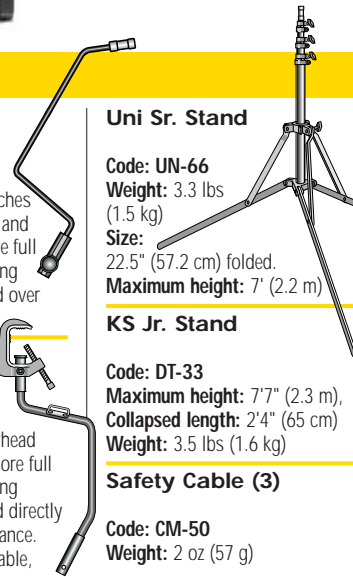
Mounts

Tilt-bracket

Code: CF-36
Weight: 1 lb (.45 kg)
Supplied with TRIO, attaches between Mounting Plate and stand/boom. Allows more full range tilting, while keeping weight of fixture centered over stand for best balance.

Hanging Clamp

Code: FLE-CM
Attaches between TRIO Mounting Plate and overhead light rail/pipe. Allows more full range tilting, while keeping weight of fixture centered directly under clamp for best balance. Always use with safety cable, secured to rail.



Uni Sr. Stand

Code: UN-66
Weight: 3.3 lbs (1.5 kg)
Size: 22.5" (57.2 cm) folded.
Maximum height: 7' (2.2 m)

KS Jr. Stand

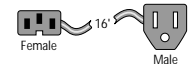
Code: DT-33
Maximum height: 7'7" (2.3 m),
Collapsed length: 2'4" (65 cm)
Weight: 3.5 lbs (1.6 kg)

Safety Cable (3)

Code: CM-50
Weight: 2 oz (57 g)

Cables

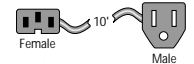
16' Switched AC Cable



Code: T1-80

Weight: 13 oz (369 g)
Standard #18/3; with switch.

10' Unswitched Cable



Code: T1-80B

Weight: 1.1 lbs (.5 kg)
For portable stage lighting use. "Hard service" #18/3 cable.

Technical Data

Size: 26 x 9.5 x 3.25"
(66 x 24 x 8.3 cm)
Weight without AC cable:
7.5 lbs (3.4 kg)
Max. wattage:
55 W x 3 lamps

Max. amperage:
2A @ 120v, 1A @230V,
both at 50/60Hz
Beam control: variable with
front accessories
Fits on: 5/8" stand studs

Materials: Primarily
aluminum alloy & plastic
Cable: 16' #18/3 wire,
switched
Switches: 3 on fixture
(each controls 1 lamp)

TRIO Lamps Fluorescent, 120/230v, 55w

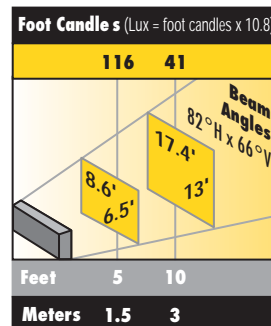
Lowel Code	Mfr's Code	Watts	°K	CRI	Mfrs Avg Life
FLS-55TU	Osram Studioline 55w/3200	55	3200 (tungsten)	85	8,000 hrs
FLS-55DA	Osram Studioline 55w/5600	55	5600 (daylight)	85	8,000 hrs
FLC-55TU*	GE F55BX/CINPLUS32	55	3200 (tungsten)	90+	8,000 hrs
FLC-55DA*	GE F55BX/CINPLUS55	55	5500 (daylight)	90+	8,000 hrs

* GE Cinema-Plus lamps, better lighting for film (still or motion picture) due to better color rendering with film emulsions. May require 1/8 "minus green" filtration gel.

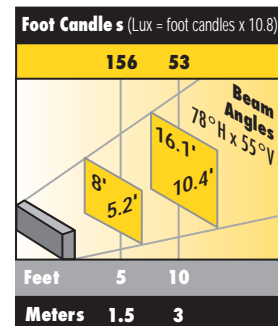
Performance

Lamp: Osram Studioline 55w Daylight **Color Temperature:** 5600°

WITHOUT INTENSIFIER S



WITH INTENSIFIER S



Beam Angles:
Points at which intensity drops to 50% of maximum. Readings taken at center of beam with Minolta CL-200 meter.

5 Models; 2-8 55w fluorescent lamps; 120 & 220/240v



Studio Fluorescents for Video Production, Video Conferencing, Digital Imaging & Film

The world leader in location lighting is now also number one in studio fluorescent control.

Whether you are producing a 24-hour newscast, a high resolution digital photo shoot, or a corporate video conference, the bright soft output & efficient operation of Lowel Fluo-Tec studio fluorescents make beautiful images easier to create.

Is your shooting area a large full blown production facility with DMX controlled console, or a compact table-top web-casting set with 4 outlets in the wall? For either of these, and anything in between, Lowel Fluo-Tec helps you tailor your lighting system to perfectly suit the illumination requirements of your shooting area.



System Overview

5 dimmable models, housing from 2-8 (55w) lamps. Choose either DMX dimmable or Phase dimmable models.

Soft, flattering fluorescent in your choice of lamp color temperature, Tungsten or Daylight, with high CRI (Color Rendering Index).

Tungsten color lamps mix easily with focusable tungsten halogen sources, for increased creative control of light quality.

All models have a high frequency internal ballast for flicker-free operation.

Wide range of available accessories, including mirror-finish intensifiers, honeycomb grids, egg crates & barndoors.

Phase dimmable models do not have dimmers installed inside. Instead they can be dimmed via any AC powered phase dimming system.

DMX dimmable models have patented, award winning, state of the art DMX electronics, with integrated DMX-512 circuitry, for full control from any DMX console, of up to 512 fixtures.

Membrane-style digital control panel on the back of the fixture allows manual dimming & manual storage of 4 dimmer settings (retained in fixture, even when powered down).

LED display shows DMX address, dimming level & lamp life.

Remote Port

will accept the Lowel IR-DMX External Sensor to use IR-DMX Controller, a remote control accessory system which allows multi-unit remote dimming without the need of a console, for up to 512 fixtures.



Planning a studio?

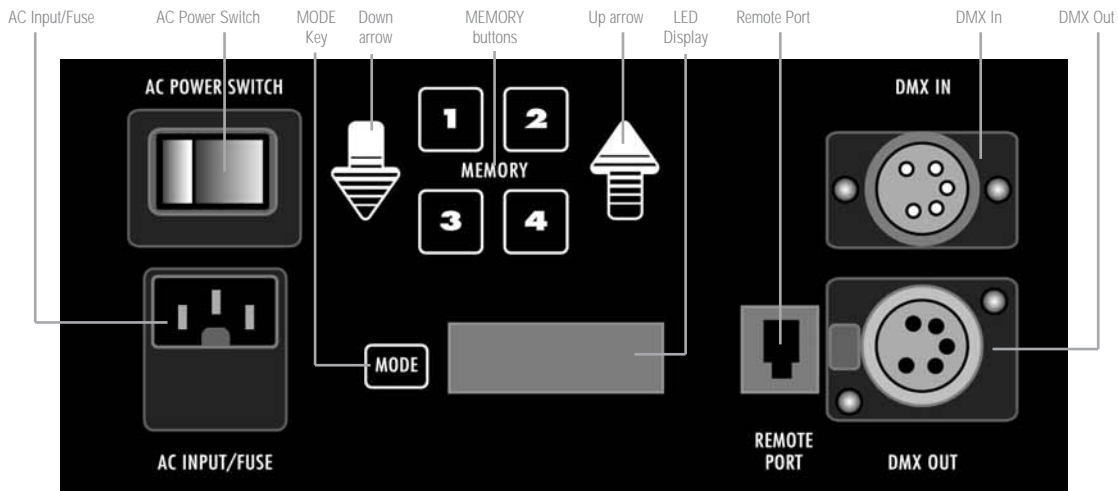
For assistance in specifying equipment for a fluorescent studio/ video conference room, see the Studio Fluorescent pages at www.lowel.com. There are example setups with equipment lists, and a submission form for site specific quotes.

Contact us at: 800 645-2522 or info@lowel.com.



Video-conferencing image provided by TANDBERG, a Global Leader in Videoconferencing Solutions.

Dimmable Model Rear Control Panel



Hand-held IR DMX Dimming Control

IR DMX Controller

Revolutionary hand-held infrared (IR) remote control system allows Multi-unit DMX dimming control without lighting console.

Easy to use logically designed controls.

One unit can address & command up to 512 dimmable fixtures (DMX daisy-chained).

Uses 2 AA batteries.

IR DMX External Sensor

Code: FLS-100
Size: 4.5 x 2.6 x 1" (11.5 x 6.6 x 2.5 cm)
Weight: 5 oz (16 g) with batteries

IR DMX External Sensor

Compact state-of-the-art receiving unit quickly plugs into the fixtures Remote Port, and passes remote control commands to DMX chain.

Connected via telephone style patch cord, powered by fixture.

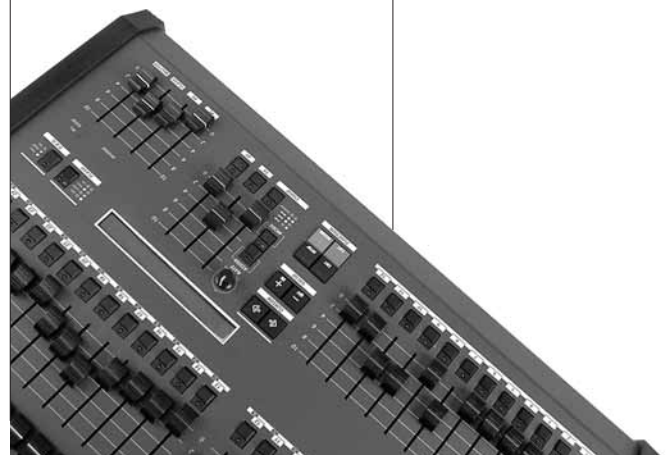
IR DMX External Sensor

Code: FLS-120
Size: 2.5 x 1.75 x 1" (6.3 x 4.4 x 2.5 cm)
Weight: 4 oz (141 g) without cable

About DMX

For those who are new to using DMX-512, we offer the following brief introductory definition...

DMX-512 is an addressing & communication protocol that allows a centralized controller (like a lighting console) to address and dim from 1-512 dimmers individually. In this case, it allows a DMX-capable lighting console to assign a separate address for up to 512 different dimmable Lowel Fluo-Tec fixtures, and to send dimming commands to them. Those commands can vary according to the abilities of the controller, but can include pre-timed fades, sub-group programming, and pre-designed lighting plots with stored levels.



Studio 250

2 lamp



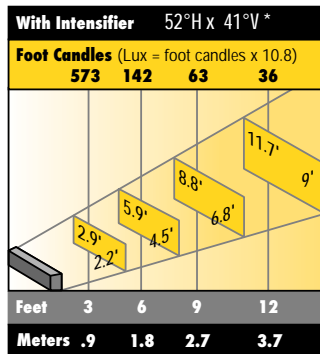
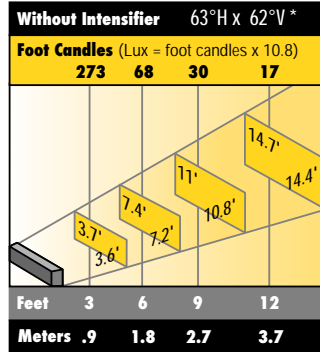
Dimmable

Code: **FLS-250DM** – 120v DMX model
 Code: **FLS-250DM230** – 220/240v DMX model
 Code: **FLS-250PHD** – 120v Phase Dimmable model

Size: 27.5 x 10.6 x 4.5" (69 x 26.5 x 11 cm)
Weight: 13.6 lbs (6.2 kg) without accessories

Uses 2 compact 55w lamps (not included). Supplied with Gel Frame, Safety Cables (3), Standard Clamp and applicable 10' AC Cable (120v models with U-ground connector). Other mounting devices & AC cable connection options are available.

Performance



*Beam Angles: points at which intensity drops to 50% of maximum.
 Foot Candle readings taken at center of beam, with Minolta T-1 meter, using Osram Studioline lamps.

Most Popular Model



Studio 650

6 lamp



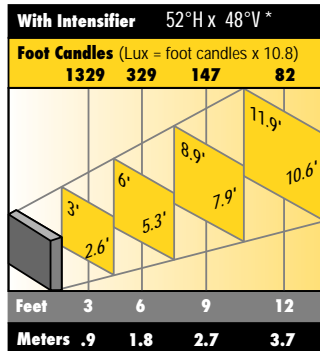
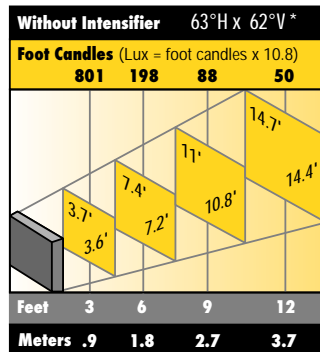
Dimmable

Code: **FLS-650DM** – 120v DMX model
 Code: **FLS-650DM230** – 220/240v DMX model
 Code: **FLS-650PHD** – 120v Phase Dimmable model

Size: 27.5 x 21 x 4.5" (69 x 52 x 11 cm)
Weight: 23.1 lbs (10.5 kg) without accessories

Uses 6 compact 55w lamps (not included). Supplied with Gel Frame, Safety Cables (3), Standard Clamp and applicable 10' AC Cable (120v models with U-ground connector). Other mounting devices & AC cable connection options are available.

Performance



*Beam Angles: points at which intensity drops to 50% of maximum.
 Foot Candle readings taken at center of beam, with Minolta T-1 meter, using Osram Studioline lamps.



Studio 450

4 lamp



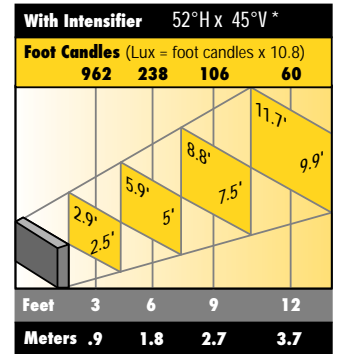
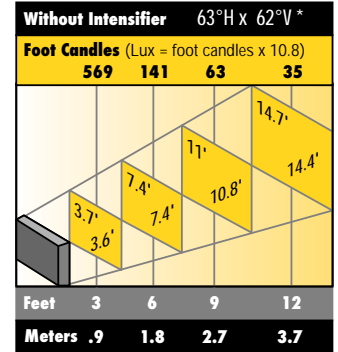
Dimmable

Code: **FLS-450DM** – 120v DMX model
 Code: **FLS-450DM230** – 220/240v DMX model
 Code: **FLS-450PHD** – 120v Phase Dimmable model

Size: 27.5 x 15.75 x 4.5" (69 x 39 x 11 cm)
Weight: 18 lbs (8.2 kg) without accessories

Uses 4 compact 55w lamps (not included). Supplied with Gel Frame, Safety Cables (3), Standard Clamp and applicable 10' AC Cable (120v models with U-ground connector). Other mounting devices & AC cable connection options are available.

Performance



*Beam Angles: points at which intensity drops to 50% of maximum.
 Foot Candle readings taken at center of beam, with Minolta T-1 meter, using Osram Studioline lamps.

Most Popular Model



Studio 850

8 lamp



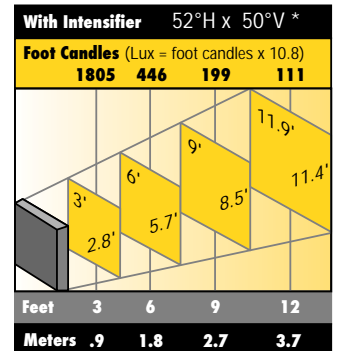
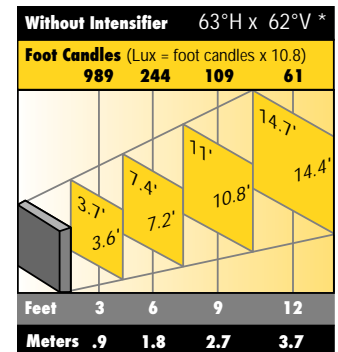
Dimmable

Code: **FLS-850DM** – 120v DMX model
 Code: **FLS-850DM230** – 220/240v DMX model
 Code: **FLS-850PHD** – 120v Phase Dimmable model

Size: 27.5 x 26 x 4.5" (69 x 65 x 11 cm)
Weight: 28.8 lbs (13.1 kg) without accessories

Uses 8 compact 55w lamps (not included). Supplied with Gel Frame, Safety Cables (3), Standard Clamp and applicable 10' AC Cable (120v models with U-ground connector). Other mounting devices & AC cable connection options are available.

Performance



*Beam Angles: points at which intensity drops to 50% of maximum.
 Foot Candle readings taken at center of beam, with Minolta T-1 meter, using Osram Studioline lamps.



Studio 250cy

4 lamp



Dimmable

Code: **FLS-250CYDM** – 120v DMX model
 Code: **FLS-250CYDM230** – 220/240v DMX model
 Code: **FLS-250CYPHD** – 120v Phase Dimmable model

Size: 52 x 10.6 x 4.5" (130 x 26.5 x 11 cm)
 Weight: 21.4 lbs (9.7 kg) without accessories

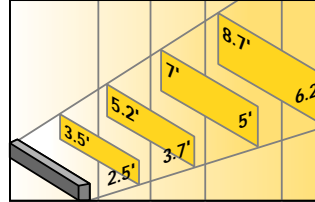
Uses 4 compact 55w lamps (not included). Supplied with Gel Frame, Safety Cables (3), Standard Clamp and applicable 10' AC Cable (120v models with U-ground connector). Other mounting devices & AC cable connection options are available.



Performance

Without Intensifier 82°H x 64°V *

Foot Candles (Lux = foot candles x 10.8)
882 392 220 141



Feet	2	3	4	5
Meters	.3	.9	1.2	1.5

*Beam Angles: points at which intensity drops to 50% of maximum.
 Foot Candle readings taken at center of beam, with Minolta T-1 meter, using Osram Studioline lamps. Note: Readings taken at different distance than other models.



Light Controls

To help control light output, they slide into guides on front of fixture. Some attach to front of Intensifier, if used. See chart for output gain/loss. All accessories available for most models, see price list for codes/availability. All fixtures supplied with Gel Frame.

Intensifier

Mirrored enclosure assembles quickly, mounts on front of the fixture, and almost doubles the output.



Barndoors

For trimming spill of the light. 4 adjustable doors. Mounts on front of the fixture.



Honeycomb Grid

For greatest control of spill, with some loss of output. For front of fixture or Intensifier. 3 dispersion strengths, 20°, 30° & 40° angles.



Front of Fixture



Front of Intensifier

Egg Crate Grid

Trims spill, but with less control & output loss.

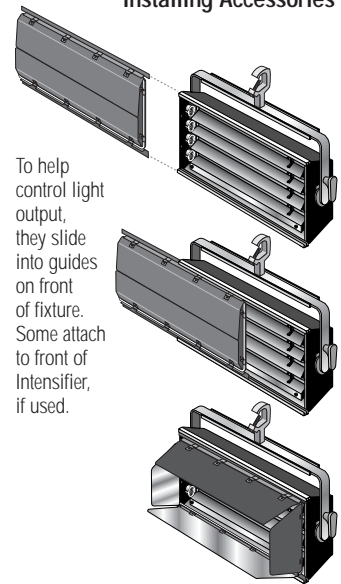


Gel Frame

Supplied with fixture. Hinged metal frame accepts color correction gel or diffusion (for added softness). Slides into front of fixture & allows other accessories to be used.



Installing Accessories



To help control light output, they slide into guides on front of fixture. Some attach to front of Intensifier, if used.

Accessory	Location	Output Loss / Gain (approx)	Studio850 Code	Studio650 Code	Studio450 Code	Studio250 Code	Studio250cy Code
Barndoor	Front of Fixture	N / A	FLS-820	FLS-620	FLS-420	FLS-220	FLS-2520
Intensifier	Front of Fixture	+80%	FLS-822	FLS-622	FLS-422	FLS-222	N / A
Egg Crate	Front of Fixture	-25%	FLS-824	FLS-624	FLS-424	FLS-224	FLS-2524
Honeycomb Grid Black 40°	Front of Fixture	-25%	FLS-834	FLS-634	FLS-434	FLS-234	FLS-2534
Honeycomb Grid Black 30°	Front of Fixture	-35%	FLS-833	FLS-633	FLS-433	FLS-233	FLS-2533
Honeycomb Grid Black 20°	Front of Fixture	-54%	FLS-832	FLS-632	FLS-432	FLS-232	FLS-2532
Honeycomb Grid Black 40°	Front of Intensifier	-30%	FLS-844	FLS-644	FLS-444	FLS-244	N / A
Honeycomb Grid Black 30°	Front of Intensifier	-22%	FLS-843	FLS-643	FLS-443	FLS-243	N / A
Honeycomb Grid Black 20°	Front of Intensifier	-46%	FLS-842	FLS-642	FLS-442	FLS-242	N / A

Example Studio Set-ups

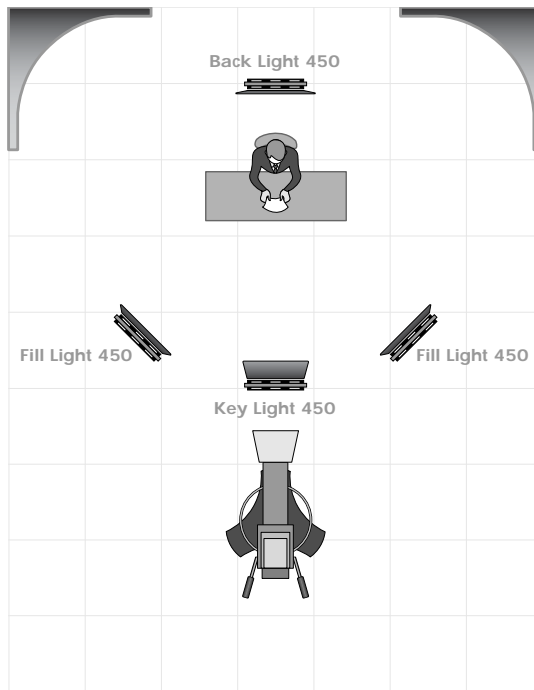
The 2 set-ups shown to the right are simple suggestions for a small one or two person news sets.

Both are similar in approach, each set contains a front combination of key & fill lights, and back light. More dramatic effect can be achieved by adding Lowel Fren-L 650s (focusing tungsten fixtures) as hard key or accent lights. Note: You must use tungsten color temperature fluorescent lamps to avoid color mixing problems.

Visit www.lowel.com for more examples.

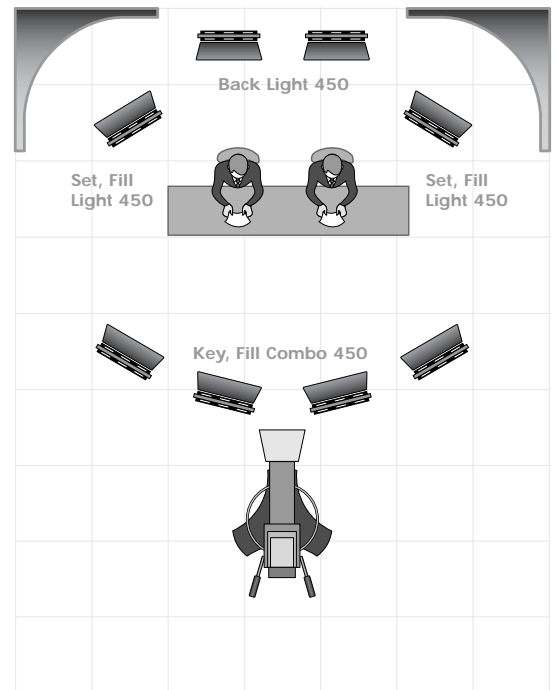
For assistance in specifying equipment for a fluorescent studio/ video conference room, contact us at: 800 645 2522 or info@lowel.com.

Set-up 1



Single person anchor desk has soft key from front and equi-distant fill lights from each side for basic, even illumination. Backlight separates talent from background.

Set-up 2



Two person anchor desk has arc of 4 lights creating soft & even frontal key & fill combination. Back lights separate talent from background. Set fills separately control level of set, without affecting light levels on talent.

DMX Cables & Terminator

For connecting console to one or more fixtures, daisy-chain style, for remote DMX dimming.

10 Ft. DMX Cable

Code: DMX-010

10 ft. cable with male & female DMX connectors.

25 Ft. DMX Cable

Code: DMX-025

25 ft. cable with male & female DMX connectors.

50 Ft. DMX Cable

Code: DMX-050

50 ft. cable with male & female DMX connectors.

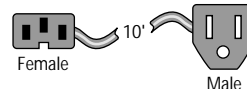
DMX Terminator

Code: DMX-TM

Attach at the end of a DMX circuit for proper termination.

AC Cable Options

Standard 120v AC Cable



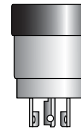
Code: T1-808

Supplied with 120v models. 10' unswitched cable with a 3 pin normal (Edison) AC wall plug. To choose one of the 2 following optional cables instead, add the suffix from its description to the end of the fixture code.

Locking Connector Cable

Code: T1-TL

10 ft. unswitched cable with 20 Amp 125V twist-lock connector. To order fixture with this cable, add suffix TL at end of fixture code.



3 Pin Stage Connector Cable

Code: T1-TP

10 ft. unswitched cable with 20 Amp 3 pin stage connect or. To order fixture with this cable, add suffix TP at end of fixture code.



All CE models supplied with 230V Euro Cable, UK Cable also available. For approved CE use.

Lowel e-studio cable options: The above AC Cable options are also available for the Lowel e-studio fluorescent system as shown on pp. 34-35. Add the same code suffix to e-studio fixtures when ordering.

Clamp Options

Standard Clamp

Code: FLS-803

Supplied with light. Use when hanging light from pipe or grid. With installed locking washer for more secure operation. Always use with Safety Cables.

To choose one of the 2 following optional mounts instead, add the suffix from its description to the end of the fixture code.



Female 5/8" Stand Fitting

Code: FLS-SF

For use on stand only. Allows mounting the fixture on 5/8" male stand stud. Should only be used with stands large enough to support the weight of the fixture while maintaining good balance at the desired height. Note: Should not be used with 250cy. To order fixture with this mount, add suffix SF at end of fixture code.



Male Stud

Code: FLS-MS

For use of fixture with Matthews style stands that have a female cup instead of a male stud. To order fixture with this mount, add suffix MS at end of fixture code.



Technical Data

Housing material: Aluminum thickness 0.062" formed/welded.
Finish: Black matte & yellow paint.
Mounting options: All units supplied with standard clamp & Safety Cables (3).
 Optional Female Stand-fitting, and Double Male Stud available.
US Patent: 6,369,524

DMX Dimming Features

Dimmer: Digital control from 0 to 100% light output.
Dimming control: Manual or DMX-512/1990 built-in; IR optional.
LED display: 4 digit digital display.
Internal memories: 4 user storable.
Mode functions: DMX addressing, intensity level, lamp life counter (hours).
DMX addressing: switchless, intelligent addressing.



Electrical: 120v Models

Nominal input voltage: 120 VAC 50/60Hz
Ballast: Integral, electronic ballast
Dimmable model ballast operating frequency: 40-60KHz
Dimmable model power factor: >97
Power cord: All units supplied with 10' AC U-ground plug standard. Optional 3 pin twist lock or 3 pin theatrical plugs available.
Fuse protection: All units IEC with integral user replaceable 5 x 20 mm fuse (see chart for specific model fuse).

Electrical: 220/240v Models

Nominal input voltage: 220/240 VAC 50/60Hz
Ballast: Integral, electronic ballast
Dimmable model ballast operating frequency: 43KHz
Dimmable model power factor: >98
Power cord: All units supplied with applicable approved AC power cable.
Fuse protection: All units IEC with integral user replaceable 5 x 20 mm fuse (see chart for specific model fuse).

Power Consumption @120VAC 50/60Hz

DMX Dimmable Models 120v

Model	Current	Fuse	Continuous Power Consumption	Peak Ignition
Studio 850DM		6.30 A	4.02 A	6.00 A
Studio 650DM		5.00 A	2.96 A	4.50 A
Studio 450DM		3.15 A	2.00 A	3.00 A
Studio 250DM		1.60 A	1.05 A	1.50 A
Studio 250cyDM		3.15 A	2.00 A	3.00 A

Phase Dimmable Models 120v (choose fuses rated @ 250v)

Model	Current	Fuse	Continuous Power Consumption	Peak Ignition
Studio 850PHD		8 A	5.42 A	12.30 A
Studio 650PHD		6.3 A	3.80 A	8.36 A
Studio 450PHD		5 A	2.70 A	6.80 A
Studio 250PHD		5 A	1.48 A	4.10 A
Studio 250cyPHD		5 A	2.70 A	6.80 A

Power Consumption @220/240VAC 50/60Hz

DMX Dimmable Models 220/240v

Model	Current	Fuse	Continuous Power Consumption	Peak Ignition
Studio 850DM230		3.15 A	2.10 A	3.00 A
Studio 650DM230		2.50 A	1.60 A	2.30 A
Studio 450DM230		1.60 A	1.10 A	1.60 A
Studio 250DM230		1.00 A	0.60 A	0.80 A
Studio 250cyDM230		1.60 A	1.10 A	1.60 A

Lamps

Osram Studioline® Lamps (Manufacturer rated lamp life 8,000 hrs)
 Designed for use in video & digital imaging for higher output.

Tungsten		CRI	°K
FLS-55TU	Studioline 55w/3200	85	3200
Daylight		CRI	°K
FLS-55DA	Studioline 55w/5600	85	5600

GE Cinema-Plus Lamps (Manufacturer rated lamp life 8,000 hrs)
 Better lighting for film (still or motion picture) due to better color rendering with film emulsions. May require 1/8 "minus green" filtration gel.

Tungsten		CRI	Mfrs Avg Life	°K
FLC-55TU*	GE F55BX/CINPLUS32	90+	8,000 hrs.	3200
Daylight		CRI	Mfrs Avg Life	°K
FLC-55DA*	GE F55BX/CINPLUS55	90+	8,000 hrs.	5500



Fluorescent Studio System



The economical choice for strong, soft fluorescent light in daylight or tungsten color temperatures, with long lamp life & reduced heat buildup.

3 non-dimmable models housing 2, 4, or 6 long life 55w fluorescent lamps

Daylight or tungsten color temperature

Low heat, low current draw, high power factor

Innovative mounting system allows maximum fixture tilting & rotation (180° each way)

In stand-mount use, fixture rests squarely over stand for best balance

Wide range of accessories available

Versatile Mounting

Innovative mounting plate with integral 5/8" female stand fitting for conventional mounting with generous rotating & angling abilities. **Also available:** 2 mounting options; stand-mount, or with C-clamp hanging tilt-bracket for overhead studio rig installation, with the same rotation & tilt positioning options.



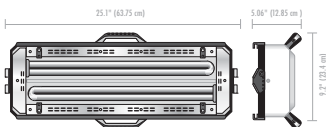
Innovative mounting system allows maximum fixture rotation & mounting flexibility

Ideal for...

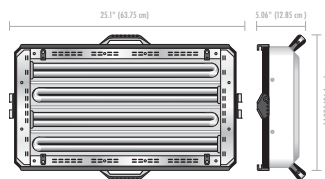
- Video-conference Rooms
- In-house A.V. Departments
- School TV Studios
- Cable TV Public Access Studios
- Web Casting Sets

Technical Data

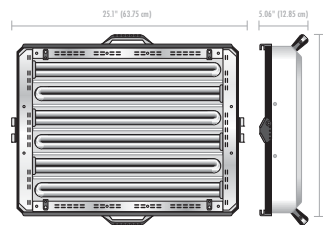
e-studio2



e-studio4



e-studio6



Amperage: See charts, for models operating at 120VAC or 240 VAC 50/60 Hz.
Fuse Ratings: 50/60Hz
Power Factor: >.99

U.S. Patent: 6,554,459 B2

Power Consumption

120v e-studio2, 4

Model	Voltage	Continuous Power	Peak Current	Fuse Rating
e-studio2	120 VAC	0.8	1.3	3.15 A
e-studio4	120 VAC	1.7	2.5	5 A

230v e-studio2, 4

Model	Voltage	Continuous Power	Peak Current	Fuse Rating
e-studio2	230 VAC	0.4	0.6	2.5 A
e-studio4	230 VAC	0.8	1.3	3.15 A

120/230v e-studio 6

(when auto-setting to 120VAC or 230VAC, the below values apply)

Model	Voltage	Continuous Power	Peak Current	Fuse Rating
e-studio6	120 VAC	2.4	3.5	5 A
e-studio6	230 VAC	1.3	1.9	5 A

Lamps

Osram Studioline® Lamps (Manufacturer rated lamp life 8,000 hrs)

Designed for use in video & digital imaging for higher output.

Tungsten		CRI	°K
FLS-55TU	Studioline 55w/3200	85	3200
Daylight		CRI	°K
FLS-55DA	Studioline 55w/5600	85	5600

GE Cinema-Plus® Lamps (Manufacturer rated lamp life 8,000 hrs)

Better lighting for film (still or motion picture) due to better color rendering with film emulsions. May require 1/8 "minus green" filtration gel.

Tungsten		CRI	°K
FLC-55TU	GE F55BX/CINPLUS32	90+	3200
Daylight		CRI	°K
FLC-55DA	GE F55BX/CINPLUS55	90+	5500

Lowel e-studio2



Code: FLE-200 – 2 lamp 120V model with Rotating Mounting Plate and T1-80 AC Cable

Code: FLE-200SF – Same as above but with CF-36 Stand mount

Code: FLE-200CM – Same as above but with FLE-CM Overhead mount and T1-808 unswitched AC cable.

For 220/240V CE approved model, add **E** to the code. Contact us for appropriate AC Cable. (See pg 36)

Size: 25 x 9.2 x 5" (64 x 23 x 13 cm)

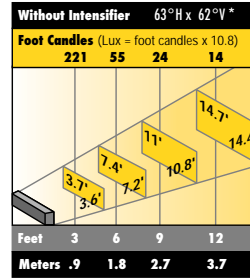
Weight: 7.9 lbs (3.6 kg) without mount or accessories.

Uses 2 compact 55w lamps (not included). Includes Safety Cables (3).

*Beam Angles: points at which intensity drops to 50% of maximum. Foot Candle readings taken at center of beam, with Minolta T-1 meter, using Osram Studioline lamps.

2 lamp

Performance

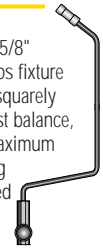


Mounts

e-studio Stand Mount

Code: CF-36

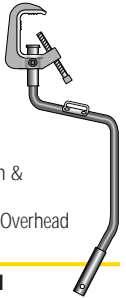
Stand Mount fits 5/8" stand stud & keeps fixture center of gravity squarely over stand for best balance, while allowing maximum rotation & angling of fixture. Supplied with all Stand Mount models.



e-studio Overhead Mount

Code: FLE-CM

C-clamp fitted bracket allows hanging from pipe or rail with maximum rotation & angling of fixture. Supplied with all Overhead Mount models.



KS Jr. Stand



Code: DT-33

Maximum height: 7'7" (2.3 m)
Collapsed length: 2.3' (65 cm)
Weight: 3.5 lbs (1.6 kg)
Wide based, sturdy, lightweight stand with 5/8" (1.59 cm) stud and solid bar legs. For e-studio 2 & 4 (without Intensifier).

KS Stand



Code: KS

Maximum height: 9' (2.74 m)
Collapsed length: 3' (91 cm)
Weight: 4 lbs (1.8 kg)
Wide based, sturdier, lightweight stand with 5/8" (1.59 cm) stud. For e-studio 2 & 4, or 6 without Intensifier.

KSA Stand



Code: KSA

Air-cushioned stand. Otherwise same as above. For e-studio 2 & 4, or 6 without Intensifier.

Grand Stand



Code: GS

Maximum height: 10.5' (3.1 m)
Collapsed length: 3.5' (1.1 m)
Weight: 6.75 lbs (3 kg)
Extra wide base, one leg extends longer for use on uneven ground, air-cushioned sections. For e-studio 2, 4 & 6.

Lowel e-studio4



Code: FLE-400 – 4 lamp 120V model with Rotating Mounting Plate and T1-80 AC Cable

Code: FLE-400SF – Same as above but with CF-36 Stand mount

Code: FLE-400CM – Same as above but with FLE-CM Overhead mount and T1-808 unswitched AC cable.

For 220/240V CE approved model, add **E** to the code. Contact us for appropriate AC Cable. (See pg 36)

Size: 25 x 14.3 x 5" (64 x 36 x 13 cm)

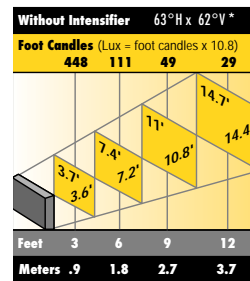
Weight: 10.4 lbs (4.7 kg) without mount or accessories.

Uses 4 compact 55w lamps (not included). Includes Safety Cables (3).

*Beam Angles: points at which intensity drops to 50% of maximum. Foot Candle readings taken at center of beam, with Minolta T-1 meter, using Osram Studioline lamps.

4 lamp

Performance



Lowel e-studio6



Code: FLE-600 – 6 lamp 120V model with Rotating Mounting Plate and T1-80 AC Cable

Code: FLE-600SF – Same as above but with CF-36 Stand mount

Code: FLE-600CM – Same as above but with FLE-CM Overhead mount and T1-808 unswitched AC cable.

e-studio 6 is one model with auto-setting ballast voltages from 120-230v. (see pg 36 for AC cables)

Size: 25 x 19.5 x 5" (64 x 49 x 13 cm)

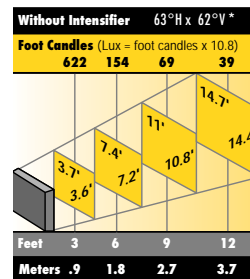
Weight: 14 lbs (6.4 kg) without mount or accessories.

Uses 6 compact 55w lamps (not included). Includes Safety Cables (3).

*Beam Angles: points at which intensity drops to 50% of maximum. Foot Candle readings taken at center of beam, with Minolta T-1 meter, using Osram Studioline lamps.

6 lamp

Performance



Light Controls

To help control light output, they slide into guides on front of fixture. Some attach to front of Intensifier, if used. See chart for output gain/loss. All accessories available for most models. All fixtures have quick attach Gel clips installed.

Intensifier

Mirrored enclosure mounts on front of the fixture, and almost doubles the output.



Barndoors

For trimming spill of the light. 4 adjustable doors. Mounts on front of the fixture.



Egg Crate Grid

Trims spill, but with less control & output loss than Honeycomb Grid.



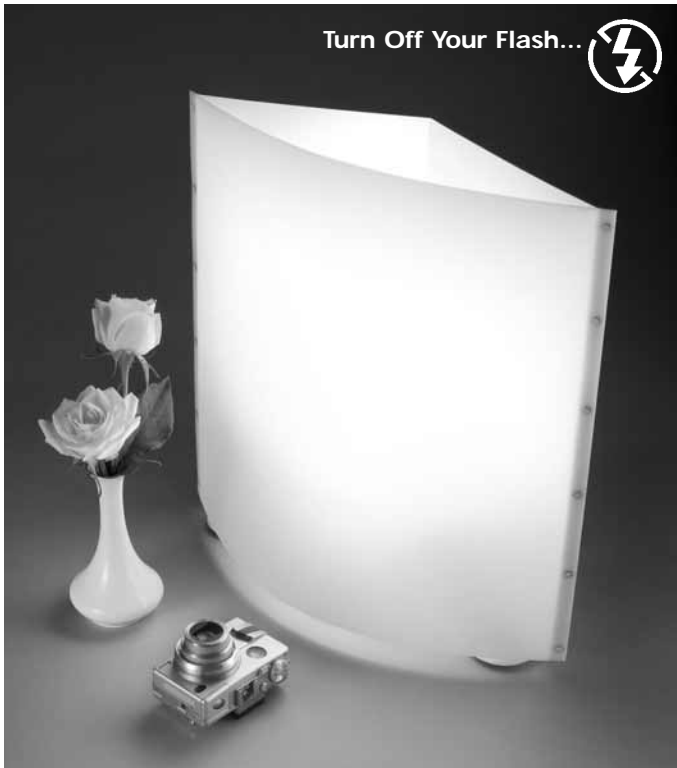
Honeycomb Grid

For greatest control of spill, with some loss of output. For front of fixture or Intensifier. 3 dispersion strengths, 20°, 30° & 40° nglcs.



Accessory	Location	Output Loss/Gain (approx)	e-studio6 (Code)	e-studio4 (Code)	e-studio2 (Code)
Barndoor	Front of Fixture	N / A	FLS-620	FLS-420	FLS-220
Intensifier	Front of Fixture	+ 80%	FLS-622	FLS-422	FLS-222
Egg Crate	Front of Fixture	- 25%	FLS-624	FLS-424	FLS-224
Honeycomb Grid Black 40°	Front of Fixture	- 25%	FLS-634	FLS-434	FLS-234
Honeycomb Grid Black 30°	Front of Fixture	- 35%	FLS-633	FLS-433	FLS-233
Honeycomb Grid Black 20°	Front of Fixture	- 54%	FLS-632	FLS-432	FLS-232
Honeycomb Grid Black 40°	Front of Intensifier	- 30%	FLS-644	FLS-444	FLS-244
Honeycomb Grid Black 30°	Front of Intensifier	- 22%	FLS-643	FLS-443	FLS-243
Honeycomb Grid Black 20°	Front of Intensifier	- 46%	FLS-642	FLS-442	FLS-242

Tabletop Daylight Fluorescent —120 or 240v



Fast, Simple, Beautiful.

Now, Anyone Can Easily Create Great Looking Tabletop Images & More.

Lowel Ego makes beautiful tabletop pictures a breeze to light. With no prior experience, you can quickly & easily create professional results. Shoot pictures that have depth, subtlety of shading, and character.



Lit with camera flash



Lit with Lowel Ego

Perfect for:

- Digital tabletop photos for collectors, sellers, arts & crafts, desktop publishing
- DV talking heads & digital still portraits
- Webcam desktop video conferencing

Versatility

Lowel Ego's versatility lets you light as simply or elaborately as you want. Set it on the table & turn it on for effortless soft lighting of small objects with or without its bounce reflector card. Or use its 1/4 20 screw-threaded base to mount Ego on a tripod for talking head portraits, or overhead tabletop lighting. Use several Egos together for classic key/fill contrast ratio lighting.



Features

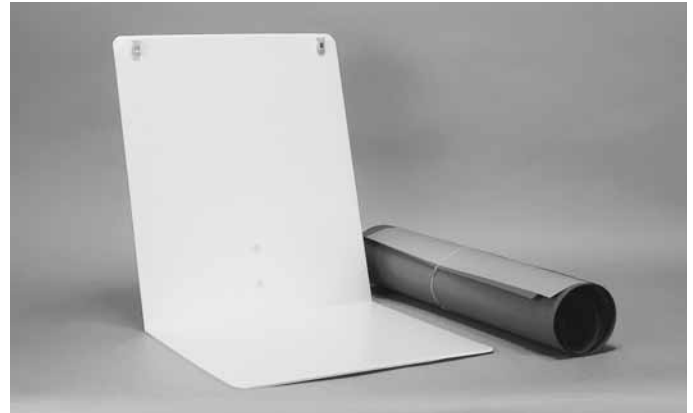


Lowel Ego uses two custom 27 Watt "full spectrum" screw-in fluorescent lamps, with an average life of 8,000 – 10,000 hours. Their daylight color output has a high color rendering index of 90+, for more accurate colors than conventional fluorescent lamps.

Each lamp has an output roughly equivalent to a 100 Watt standard incandescent light bulb. Instant start, flicker free. NOT DIMMABLE

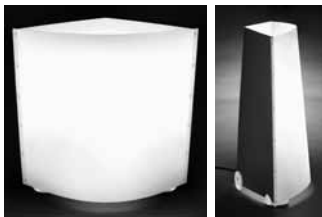


For increased versatility, the Lowel Ego has a 1/4-20 screw thread in the base of the fixture to allow mounting the light on any conventional tabletop or full sized tripod.



The accessory Lowel Ego-sweep comes with a generous selection of paper colors, sets up quick, and gives your shots a smooth & elegant seamless background.

Light &



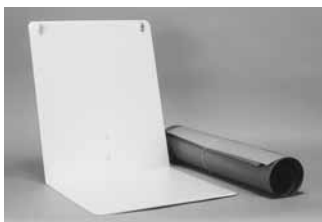
Complete Lowel Ego

Code: E1-10
Code: E1-10E (CE 220/240v)

Size: 16.5 x 16.5 x 8"
Weight: 2.85 lbs (1.3 kg) w/lamps
Lamp voltage: 120v AC/60Hz, 220v AC /60Hz (CE model)

U.S. Patents: 7,086,743, 7,234,843
European Patent: EP 1759146 B
German Patent: DE 60 2005 012 095.2-08

Includes Ego light with 2 screw-in Daylight corrected fluorescent lamps (assembly required), and hinged bounce reflector card.



Lowel Ego-sweep

Code: E1-20
Weight: 4 lbs (1.8 kg)
Hinged plastic background with attached easel stand & clips, plus assortment of colored background papers.



Lowel Ego Accessory Tripod

Code: E1-33
Weight: 1 lb (.45 kg)
Full Height: 4.8 ft (1.45m)
Compact lightweight tripod with adjustable 3 stage legs & center riser section. Legs can unlock at top to spread out almost flat. 1/4-20 screw will mount Lowel Ego.

Lowel Ego 2 Light Set



Lowel Ego 2 Light Set

Code: E1-92
Weight: 14.5 lbs (6.6 kg)
Contains: 2 complete Lowel Ego's (E1-10), and 1 Ego-sweep (E1-20).

CE 2 Light Set
Code: E1-92E
Same as above but with 2 CE approved Lowel Ego's (E1-10E) supplied with 25w E1-27E lamps.

Lamps



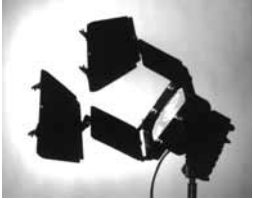
Lowel Ego Replacement Lamp

Code: E1-27
Code: E1-27E (25w, CE 220/240v)
Weight: 1.25 lbs (.85 kg)

27w, 5500°K daylight "full spectrum" lamp. 8-10,000 hr life. Ego uses 2 lamps.

Lowel Ego foot candle readings with supplied lamps F.C. (lux)

1'	2'	3'	4'	5'
242 (2615)	83 (895)	40 (429)	25 (266)	16 (175)

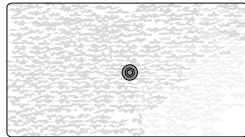


Light Controls

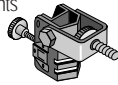
Learn more about how Light Controls work, visit [Lowel EDU at www.lowel.com](http://www.lowel.edu)



Large Lightreflector/Tilter



Code: LFT
Size: 15" x 24" (38.1 x 61 cm)
Weight: 1.75 lbs (794 g)
 One side textured Mylar, one side highly reflective aluminum surface. Panel mounts on stand or clamp with Tota-tilter. Tilts; pans; rotates; hand-held, it can be bowed for zoom control.



Large Lightreflector only

Code: LF

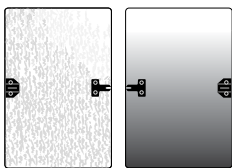
Small Lightreflector/Tilter

Code: LFGOT
Size: 21.75 x 11.75" (55 x 29.8 cm)
Weight: 1.25 lbs (568 g)
 Same as above but in smaller size. Will fit in GO-85 Case.

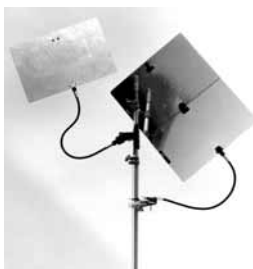
Small Lightreflector only

Code: LFGO

Tota-flector



Code: T1-54
Size: 8" x 12" (20.3 x 30.5 cm)
Weight: 6 oz (170 g)
 One side diffuse, one side specular panel, mounts on stand with Flexi-shaft and Tota-tatch or clamp, reflects sun or any light source. Perfect for head-and-shoulder shots, small products.



Flags &

Tota-flag

Code: T1-52
Size: 8 x 12" (20.3 x 30.5 cm)
Weight: 4 oz (113 g)
 Black panel of aircraft alloy aluminum snaps onto Flexi-shaft to shade subject, back-ground or camera lens. Makes a sharper, more controllable shadow than a barndoor.



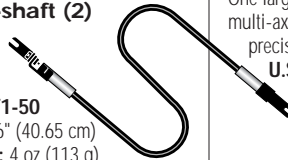
Flag-link

Code: ViP-50
Weight: 1 oz (28 g)
 Attaches to Pro-light and i-light. Accepts one Flexi-shaft.



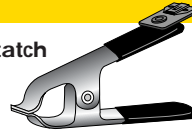
Flexi-shaft (2)

Code: T1-50
Size: 16" (40.65 cm)
Weight: 4 oz (113 g)
 Flexible arm can be bent and rebent. One rotating end simplifies precise positioning of Tota-flags and reflectors. The other end attaches directly to DP, Omni and Tota-lights, a Tota-daptor, Tota-clamp, Tatch, or Tilter. (Pkg of 2).



Tota-tatch

Code: T1-34
Weight: 3.5 oz (98 g)
 Attaches to stands, shelves, tripods, etc. Accepts one Flexi-shaft.



Lobo

Code: F1-30
Weight: 10 oz (284 g)
 Positions Maxa-mount, Lobo Arm, umbrellas, etc. Attaches to the top or shaft of stands, to any 5/8" (1.59 cm) stud or to pipes up to 1 1/4" (3.2 cm) diameter. One large knob controls 360°, multi-axis rotation with precise clamping.
U.S. Patent: 4616384.



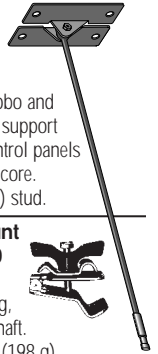
Lobo Arm

Code: F1-40
Size: 22" (55.9 cm) shaft
Weight: 3 oz (85 g)
 With 5/8" (1.59 cm) stud. Used with Lobo or Grip extends, articulates and booms Frame-ups, small lights, reflectors, etc.

Lobo Arm & Lobo
Code: F1-41
Weight: 13 oz (370 g)

Maxa-mount & Lobo

Code: CM-11
Weight: 17 oz (382 g)
 Works with Lobo and Gaffer-tape to support large light control panels such as Foamcore. 5/8" (1.59 cm) stud.



Maxa-mount

Code: CM-10
Size: 27.75" (70.5 cm) long, 3/8" (1 cm) shaft.
Weight: 7 oz (198 g)

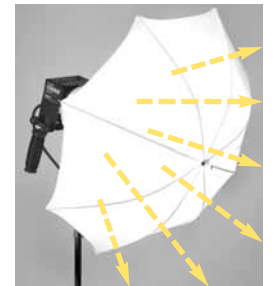


Umbrellas

Lowel offers 2 types of umbrellas: silver reflective, and white. The silver brellas can only be used to reflect light, and have a higher reflected output as a result. The white nylon brellas are more translucent, so there is less reflected output. However because they are translucent, there is an added ability to shoot light thru them, simulating the effect of a soft box attachment. In all uses, set focusing light to flood.



Reflective Use
 Reflective Silver Brella & White Brella



Shoot-thru Use
 White Brella Only.
 Uses brella as large soft diffuser.

Tota-brella Standard/Silver

Code: T1-25
Size: 27" (68.6 cm) open, 19" (48.3 cm) closed.
Weight: 8 oz (227 g)
 Fits directly on ViP, & Tota/Omni to convert them to soft shadow sources. Woven, soft-silver surface. (flood only).



Special/White

Code: T1-26
 Same as above but with white surface that produces an even softer light, especially if brella is turned around & pointed to subject to light through it (in flood only).

DP Brella Standard/Silver

Code: D2-25
Size: 41" (104 cm) open, 32.5" (82.6 cm) closed.
Weight: 1.4 lbs (635 g)
 Fits directly on DP to convert it to a soft shadow source. Woven, soft-silver surface. (flood only)



Special/White

Code: D2-26
 Same as above but with white surface that produces an even softer light, especially if brella is turned around & pointed to subject to light through it (in flood only).

Flags &

Fin-S™

There's only so much a barndoor can do. Fin-S makes up for those limitations. It clamps on an Omni or DP Barndoor leaf; reaches out and pivots in precisely to shape the beam and shade or shadow part of the scene. It provides a sharper, more precise cut than barndoors alone and simplifies the job of cutting lens flare. Two panels can hold a gel.



U.S. Patent: 5072350

Single

Code: CL-21

Weight: 4 oz (113 g)

Gel-jawz (8)



Code: CL-15

Weight: 2 oz (56 g)

Package of eight clips. Attach to barndoor leaves to hold gels.

Hollywood-strip™

Code: CL-10

Weight: 3 oz (85 g)

Size: adjustable

Two articulating arms pivot and rotate to create straight, angular or



curved shadows on the subject or set, to control bright areas and break up bland surfaces. Hollywood-strip clamps onto a barndoor leaf, to a Fin-S (below) or directly onto the rim of some lights.

U.S. Patent: 5138530

Custom sizes to accommodate Lowel Gel Frames & Rifa-lites

Full Day Blue
Converts tungsten (3200°K) to average daylight.

1/2 Day Blue
(for Rifa) Converts 3200°K tungsten to approx. 4100°K.

1/4 Day Blue
(for Rifa) Converts 3200°K tungsten to approx. 3500°K.

ND 3
Neutral density gel reduces light intensity by approx. 2/3 stop without diffusion.

Frost
Softens and diffuses. Reduces light intensity by approx. 2/3 stop.

Assorted Gels
3 Full Day Blue, 1 Frost, 1 ND 3.

Gels Packs

Note: Lowel does not supply Polarizing gels. They may be damaged if used close to high-wattage Tungsten lamps.

iP & L-light Gel Packs (5)

Size: 5 x 6" (15.2 x 15.2 cm)
Weight: 1 oz (28 g)

iP-70	Day Blue
iP-71	ND 3
iP-72	Frost
iP-78	iP Assorted Gels

Tota/Omni Gels (5)

Size: 10 x 12" (25.4 x 30.5 cm)
Weight: 2 oz (56 g)

T1-70	Day Blue
T1-71	ND 3
T1-72	Frost
T1-78	Tota/Omni Assorted Gels

DP Gels (5)

Size: 12 x 16" (30.5 x 40.64 cm)
Weight: 2 oz (56 g)

D2-70	Day Blue
D2-71	ND 3
D2-72	Frost
D2-78	DP Light Assorted Gels

Industry Standard Size Gels (3)

Size: 20 x 24" (50.8 x 61 cm)
Weight: 4 oz (112 g)

F1-70	Day Blue
F1-71	ND3
F1-72	Frost

Rifa Daylight Gel Sets (3)

For adjusting 3200°K Rifa lamps to mix with varying strengths of daylight. Each set contains 3 sheets: Day Blue, 1/2 Day Blue & 1/4 Day Blue (1 sheet each).

For LC-44EX
Code: LC-47
Size: 23 x 16" (58.4 x 40.6 cm)

For LC-55EX
Code: LC-57
Size: 29 x 22" (73.7 x 56 cm)

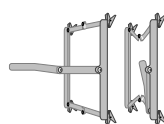
For LC-66EX
Code: LC-67
Size: 33 x 26" (84 x 66 cm)

For LC-88EX
Code: LC-87
Size: 39 x 32" (99 x 81.3 cm)

Gel Frames

Pro & i Gel Frame

Code: iP-40
Size: For 5 x 6" (12.7 x 15.2 cm) gels
Folded: 6 x 1 x 1" (15.3 x 2.5 x 2.5 cm)
Weight: 2 oz (56 g)
Locks directly into Pro, i & L-lights. Pans and tilts with the light. Collapses for storage.



Tota-frame

Code: T1-20
Size: For 10 x 12" (25.4 x 30.5 cm) gels
Folded: 12 x 1 x 1" (30.6 x 2.5 x 2.5 cm)
Weight: 6 oz (170 g)
Use with Tota/Omni lights & V-light. Pans and tilts with the light. Collapses for storage.



DP Frame

Code: D2-24
Size: For 12" x 16" (30.5 x 40.6 cm) gels
Weight: 8 oz (227 g)
Locks directly into the DP or Lobo. Pans and tilts with the light. Permanent gel clips and adjustable support arm.



Gel Files

Conveniently organizes & stores pre-cut lighting gels. Made of flexible woven nylon with dividers for different gel colors, & diffusion, etc. They also have a clear plastic zippered pocket for storing Gel-jawz, clothes pins etc.

Tota/Omni Gel File

Code: GF-10
Size: 11 x 13" (27.9 x 33 cm)
Weight: 9 oz (255 g)
Stores & organizes 10 x 12" gels for Tota/Omni gel frame.

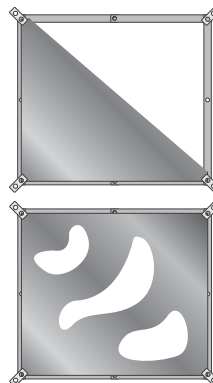
DP Gel File

Code: GF-15
Size: 13.3 x 18" (33.8 x 45.7 cm)
Weight: 14 oz (398 g)
Stores & organizes 12 x 16" gels for DP gel frame.



Standard Gel File

Code: GF-20
Size: 21 x 25" (53 x 63.5 cm)
Weight: 1.7 lbs (771 g)
Stores & organizes 20 x 24" industry standard sheet size gels.



Gel Use Tip

Brightness and control of "local" areas can be accomplished by removing portions of Neutral Density 3 or Frost gels. Leave strips to attach at three or four corners as shown.

Note: For easiest reading, view this page and pg 45 as a Spread.

Stands & Poles

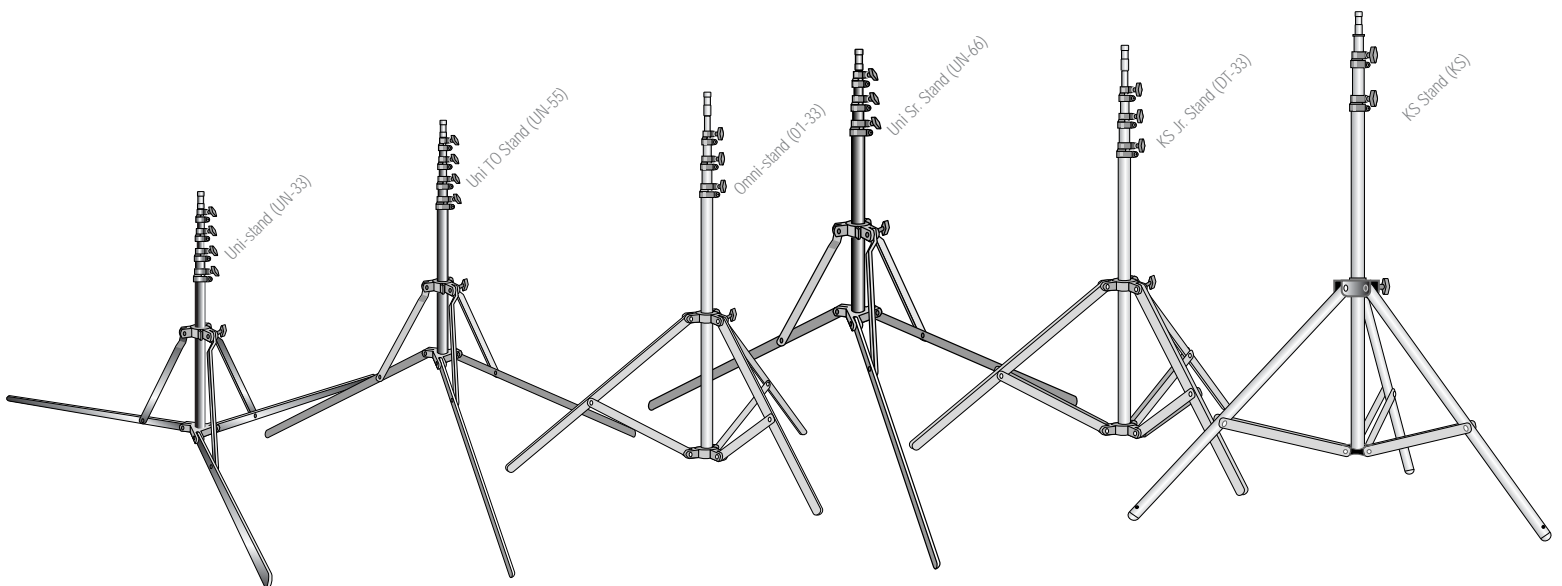
All Lowel Stands and Poles have been upgraded. They are constructed with thick-wall, anodized gun-metal gray aluminum alloy tubing to deliver an exceptionally high strength-to-weight ratio.

All have a standard 5/8" (1.59 cm) top stud with safety undercut, adjustable base spread and, except for Grand Stand, collar-clamping for each segment.

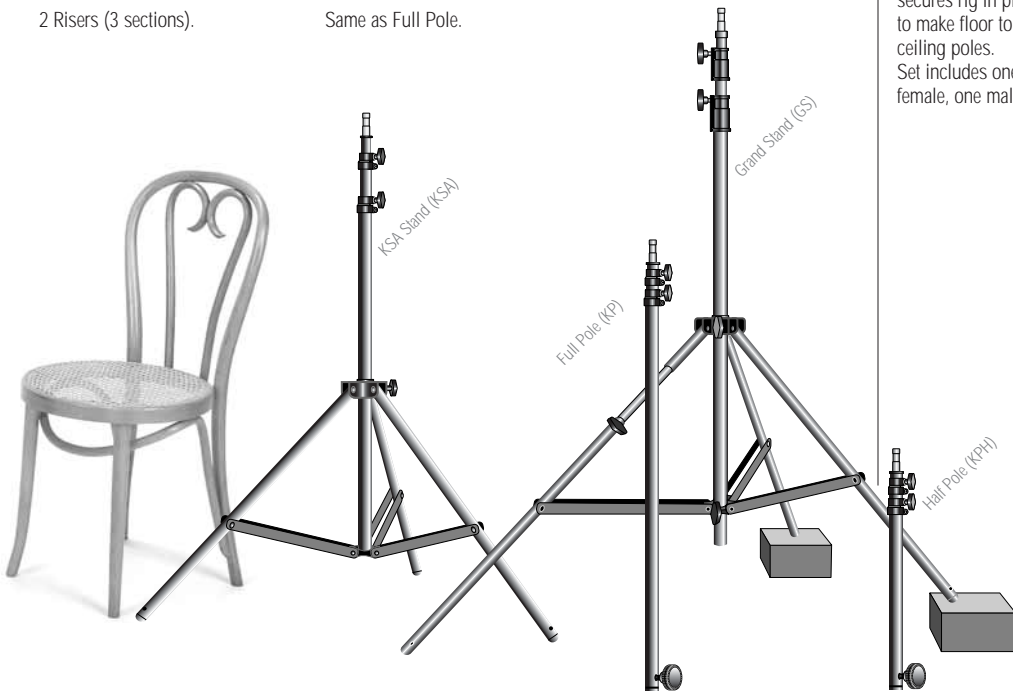
All have wall thickness of .049" and are finished in gun-metal gray with yellow stand collars, except for air-cushioned stands (KSA & Grand Stand) which have black stand collars & knobs.



Name	Code	Max. Height	Folded Length	Max. Base Diameter	Min. Tube Diameter Max. Tube Diameter	Weight
Uni-stand	UN-33	7'11" (2.4 m)	21.5" (54.6 cm)	3'7" (1.1 m)	3/8" (.95 cm) 7/8" (2.2 cm)	2.4 lbs (1.1 kg)
Uni TO Stand	UN-55	7'11" (2.4 m)	21.5" (54.6 cm)	3'7" (1.1 m)	1/2" (1.27 cm) 1" (2.54 cm)	2.6 lbs (1.2 kg)
Omni-stand	O1-33	9' (2.74 m)	27" (69 cm)	3'1" (94 cm)	1/2" (1.27 cm) 7/8" (2.2 cm)	2.6 lbs (1.2 kg)
Uni Sr. Stand	UN-66	7' (2.2 m)	22.5" (57.2 cm.)	3'10" (1.2 m)	3/4" (1.9 cm) 1 1/8" (2.9 cm)	3.3 lbs (1.5 kg)
KS Jr. Stand	DT-33	7'7" (2.3 m)	28" (65 cm)	3'1" (99 cm)	3/4" (1.9 cm) 1 1/8" (2.9 cm)	3.5 lbs (1.6 kg)
KS Stand	KS	9' (2.74 m)	36" (91 cm)	3'5" (1 m)	7/8" (2.2 cm) 1 1/8" (2.9 cm)	4 lbs (1.8 kg)
KSA Stand	KSA	9' (2.74 m)	36" (91 cm)	3'5" (1 m)	7/8" (2.2 cm) 1 1/8" (2.9 cm)	4.2 lbs (1.9 kg)
Grand Stand	GS	10.5' (3.1 m)	43" (1.1 m)	4'5" (1.35 m)	1" (2.54 cm) 1 3/8" (3.51 cm)	6.75 lbs (3 kg)
Full Pole	KP	6.6' (2 m)	34" (89 cm)	---	7/8" (2.2 cm) 1 1/8" (2.9 cm)	1.75 lbs (.8 kg)
Half Pole	KPH	3' (91 cm)	18" (46 cm)	---	7/8" (2.2 cm) 1 1/8" (2.9 cm)	1.1 lbs (.5 kg)



Legs/Number of Risers	Recommended Uses & Notes
Single-strut leg brace, solid bar legs. 4 Risers.	VIP & other small lights. Wide base for more stability, large locking knobs. Legs can lie flat to floor or in standard tripod arrangement, and fold up for more compact packing. Stud has 1/4 20 female thread. Smallest folding Lowel stand.
Single-strut leg brace, solid bar legs. 4 Risers.	VIP, Tota/Omni, Rifa eX 44 & other small lights. Sturdier than Uni-stand, ideal for use with Tota/Omni in GO Cases. Stud has 1/4 20 female thread.
Single-strut leg brace, solid bar legs. 3 Risers.	Tota & Omni lights, Rifa eX 44 & small flags. Sturdy & lightweight, an industry standard.
Single-strut leg brace, solid bar legs. 3 Risers.	Tota/Omni, DP Light, Rifa eX 55 & 66, Caselite, Scandles. Legs can lie flat to floor or in standard tripod arrangement, and fold up for more compact packing. Designed to fit into lid of Caselite.
Single-strut leg brace, solid bar legs. 3 Risers.	Tota/Omni, DP Light, Rifa eX 55 & 66, Caselite, Scandles. Smaller closed than KS (for more compact packing).
Double-strut leg brace, tubular legs with holes for casters or anchors. 2 Risers.	DP Light, Rifa eX 88, Basic Boom. Industry standard medium sized stand, taller & more stable than KS Jr.
Double-strut leg brace, tubular legs with holes for casters or anchors. 2 Risers.	DP Light, Rifa eX 88, Basic Boom. Medium sized stand. Same as above but with air-cushioned riser sections, black castings & knobs.
Double-strut leg brace, tubular legs with holes for casters or anchors. 2 Risers.	Variflector, larger/heavier lights, Big Boom. Extra wide base, one leg extends longer for use on uneven ground, gray anodized stand with air-cushioned sections & direct screw clamping.
2 Risers (3 sections).	Extend KS, Grand Stand. Forms: boom, background support, rigs. Updated with extra section & additional length for added security when used at original length.
2 Risers (3 sections).	Same as Full Pole.



Accessories

Lowel Weight



Code: LW
Weight: 4.25 lbs (1.93 kg)
 Modular counterweight. A 5/8" (1.59 cm) stud locks on female end of Lowel poles to counterbalance booms; two or three weights fit together for additional weight. Slots in bottom fit on stand leg struts to increase stability.



Lowel Casters (3)

Code: LC
Weight: 2.4 lbs (1.09 kg)
 Lockable wheels fit leg holes on KS, KSA and Grand Stands. Especially helpful for booms and studio lighting. (Set of 3)



Lowel Anchors (4)

Code: LA
Weight: 12 oz (340 g)
 Ground spikes fit through leg holes in KS, KSA and Grand Stands to anchor on grass, sand etc. (Set of 4)



Ceiling Link

Code: KCL
Weight: 10 oz (284 g)
 Rubber and aluminum components lock onto ends of Lowel poles, compression secures rig in place to make floor to ceiling poles. Set includes one female, one male.



Learn more about how Stands work, visit Lowel EDU at www.lowel.com





Space-clamp



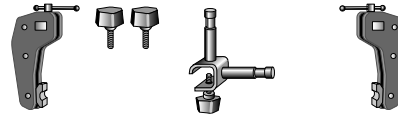
This clamp locks onto posts, beams and objects with spans from 25" to 8' to support one or more lights, flags, etc. The bar, made of high-strength aluminum aircraft alloy, interlocks without tools to adjust to various widths.

It can also reverse and jack out to clamp between objects (not recommended with two or more bars interlocked). Stud Bracket locks onto any part of the arm. Space Clamp also accepts Tota-tilter and Lobo for a variety of accessories.

Large Space-clamp



Code: SC-10
Size: 27.25" (69.2 cm) long
Weight: 1.5 lbs (680 g)
 Complete with Large Bar, 2 Clamping Arms, Stud Bracket, 2 Knobs.



Large Bar
Code: SC-15
Size: 27.25" (69.2 cm) long
Weight: 8 oz (227 g)

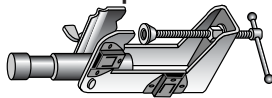
Clamping Arm (1)
Code: SC-35
Weight: 6 oz (170 g)

Stud Bracket
Code: SC-30
Weight: 4 oz (113 g)



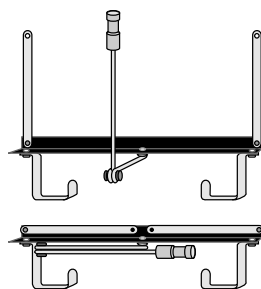
Clamps & Mounts

Tota-clamp



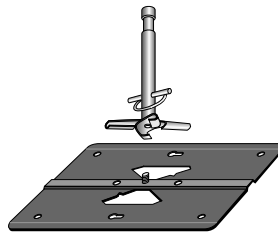
Code: T1-30
Weight: 4 oz (113 g)
 Supports medium weight lights and accessories on a 5/8" (1.59 cm) stud that pivots and locks in two positions. The clamp attaches securely to stands, pipes, shelves, etc. up to 1 7/8" (4.8 cm) diameter and also accepts two Flexi-shafts with Flags or Flectors. The stud has a tapped hole to accept accessories that mount with 1/4-20 bolts. Works with Lobo, Tota-tilter, Grip and Interlink.

Tota-mount



Code: T1-32
Weight: 10 oz (284 g)
 Hangs, open or closed, on doortops. Gaffer-tapes to windows and many wall surfaces to support small lights, such as ViP and Tota/Omni, when stands are unavailable or in the way. With 5/8" (1.59 cm) stud. Folds for storage and travel.

Big-foot & Scissor-mount

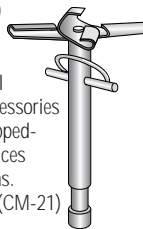


Code: CM-31
Weight: 11 oz. (170 g)
 Lowel Big-foot converts a scissor-mount or stud with 1/4-20 threaded hole into an instant support for various lights. The broad base provides stability on the floor.

Big-foot™
Code: CM-30
Size: 7" X 10" X 1/4"
Weight: 11 oz (311 g)
 Plate only without scissor-mount.

Scissor-mount (2)

Code: CM-20
Weight: 9 oz (250 g)
 Attaches small lights and accessories to grid of dropped-ceiling in offices and other areas. Use Gridlock (CM-21) with Pro-light. (Set of 2).



Lobo



Code: F1-30
Weight: 10 oz (284 g)
 Positions Maxa-mount, Lobo Arm, flags, umbrellas, etc. Attaches to the top or shaft of stands, to the Space Clamp bar, to any 5/8" (1.59 cm) stud or to pipes up to 1 1/4" (3.2 cm) diameter. One large knob controls 360°, multi-axis rotation with precise clamping. **U.S. Patent:** 4616384.

Lobo Arm

Code: F1-40
Size: 22" (55.9 cm) shaft
Weight: 3 oz (85 g)
 With 5/8" (1.59 cm) stud. Used with Lobo or Grip; extends, articulates and booms small lights, reflectors, etc.

Lobo Arm & Lobo
Code: F1-41
Weight: 13 oz (370 g)

Safety Cable (3)



Code: CM-50
Size: 34" (86.4 cm)
Weight: 2 oz (57 g)
 Braided stainless-steel cable adds security to lights and accessories that are attached to overhead pipes, beams, dropped-ceiling grids, etc. (Set of 3).

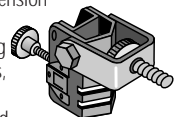
Maxa-mount

Code: CM-10
Size: 27.75" (70.5 cm) long; 3/8" (1 cm) shaft
Weight: 7 oz (198 g)
 Supports (with Gaffer-tape or double-faced tape) light reflecting or control panels, props and products. Tilts, pans and rotates; accepts a Lowel Weight for balance. Mounts on a stand with Lobo or Grip to make a mini boom. Used with seamless paper, it floats props in "limbo". 5/8 (1.59 cm) stud.

Lobo & Maxa-mount
Code: CM-11
Weight: 17 oz (382 g)

Tota-tilter

Code: T1-36
Weight: 4 oz (113 g)
 A constant tension tilt bracket for mounting Lightflectors, small still cameras, and accessories. Has a 1/4-20 knurled screw. Fits on 5/8" (1.59 cm) or smaller stud; accepts two Flexi-shafts.



Learn how to use Clamps & Mounts, visit Lowel EDU at www.lowel.com



Clamps & Mounts

Missing Link™



Code: ML-10
Weight: 6 oz (170 g)
 This versatile mounting device features a double articulating female fitting which provides increased flexibility when positioning small lights, flags, reflectors, poles, etc. It can be used in combination with a wide variety of Lowel accessories. Based on a design by Canadian videographer Peter Warren. Combines with ML-12 & ML-13 stud-mounted Spring Clamps for added versatility.



US Patent: 6073897
Small Spring Clamp (5/8" stud)
Code: ML-12
Weight: 3.5 oz (99 g)

Large Spring Clamp (5/8" stud)
Code: ML-13
Weight: 6.5 oz (185 g)

Missing Link & Small Spring Clamp
Code: ML-16
Weight: 9.5 oz (269 g)

Missing Link & Large Spring Clamp
Code: ML-17
Weight: 12.5 oz (355 g)

Double Male Stud

Code: K1-11
Weight: 4 oz (113 g)
 Stud with two 5/8" (1.59 cm) ends; one end with 1/4-20 female threaded hole. Works with Missing Link to extend and articulate stands, poles, Scissor-mount. Also works with Grip. (Supplied as an integral part of Interlink.)



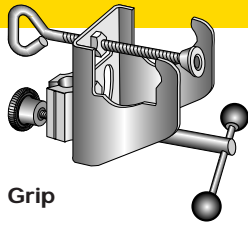
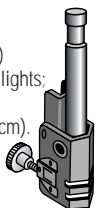
Screw-in Stud (2)

Code: LSS
Weight: 4 oz (113 g)
 Standard 5/8" (16 mm) mounting stud with safety undercut. Screws into wooden surfaces such as the top of studio sets to support small lights, flags, reflectors, etc. (Set of 2).



Tota-daptor

Code: T1-35
Weight: 4 oz (113 g)
 Stacks multiple Tota-lights; converts under-sized stands to 5/8" (1.59 cm). Also accepts two Flexi-shafts with Flags or Flectors.

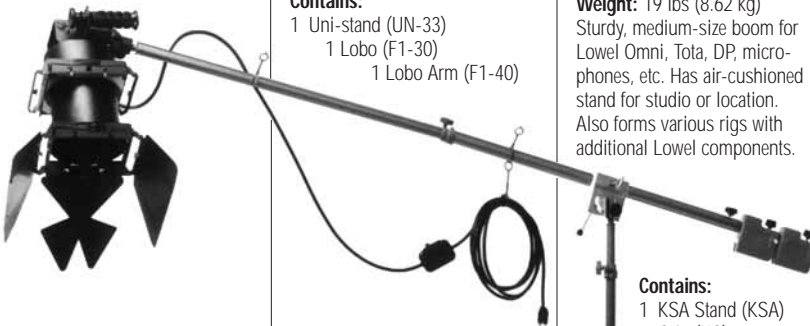
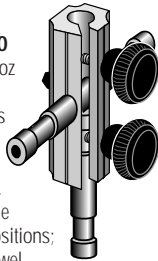


Grip

Code: KG
Weight: 1.75 lbs (794 g)
 This versatile heavy-duty clamp attaches to stands, poles, pipes, 2" x 4"s etc. to support lights with Interlink, or Double Male Stud; makes a boom out of Stand and Pole; works with Space Clamp, Maxa-mount. Tilts 180°; pans 360° and locks securely.

Interlink

Code: K1-10
Weight: 12 oz (340 g)
 Interconnects various Lowel components. Adds multiple mounting positions; joins two Lowel Poles (male or female ends) in a straight line or at right angles (90°). Both studs are removable and have a 1/4-20 threaded hole to simplify mounting accessories with 1/4-20 bolts.



Background Support

Code: SP-93
Weight: 13.5 lbs (6.12 kg)
 For studio background shots on location. This versatile rig supports seamless paper rolls, black velour & other material. Adjusts from 32" (81.3 cm) to 10' (3.05 m) wide. Accepts two back lights without additional clamps; components can be used separately as well.

- Contains:**
- 2 KS Stands (KS)
 - 2 Interlinks (K1-10)
 - 2 Full Poles (KP)

Booms & Rigs

Lowel Rigs support, position and extend lights, microphones, flags, diffusers, seamless paper, etc. They assemble quickly, without tools from basic Lowel components: stands, poles, grips, interlinks, weights, etc. The inter-locking mechanism incorporates a standard 5/8" stud onto which lights and accessories can be attached. Lowel rigs disconnect quickly for travel.

ViP Boom



Code: SP-95Z
Weight: 3 lbs (1.4 kg)
 Miniature boom/stand extension for very small lights, indoor reflectors and accessories. Always position arm over leg for best balance, add weight to stand base for additional stability.

- Contains:**
- 1 Uni-stand (UN-33)
 - 1 Lobo (F1-30)
 - 1 Lobo Arm (F1-40)

Big Boom

Code: SP-90
Weight: 21 lbs (9.53 kg)
 A large boom using the wide-based, air-cushioned Grand Stand to support large lights such as the Rifa eX, Caselite & LowelScandles. Assembles in minutes.

- Contains:**
- 1 Grand Stand (GS)
 - 1 Grip (KG)
 - 1 Full Pole (KP)
 - 1 Half Pole (KPH)
 - 2 Lowel Weights (LW)
 - 1 Set (3) Lowel Casters (LC)
 - 1 Pkg (10) Cable Clips (K4CC)

Basic Boom

Code: SP-91
Weight: 19 lbs (8.62 kg)
 Sturdy, medium-size boom for Lowel Omni, Tota, DP, microphones, etc. Has air-cushioned stand for studio or location. Also forms various rigs with additional Lowel components.

- Contains:**
- 1 KSA Stand (KSA)
 - 1 Grip (KG)
 - 1 Full Pole (KP)
 - 2 Lowel Weights (LW)
 - 1 Set (3) Lowel Casters (LC)
 - 1 Pkg (10) Cable Clips (K4CC)

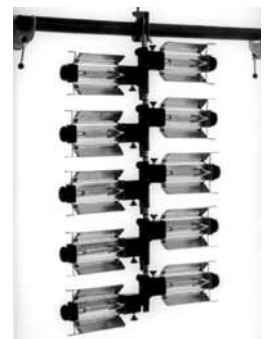
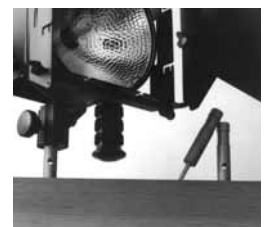
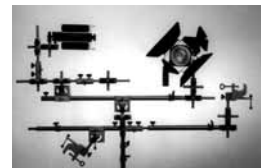
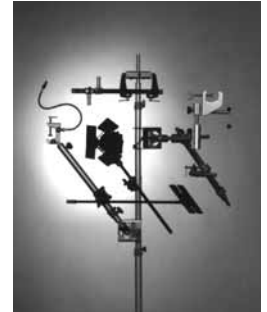
Gaffer-tape



The highest quality, cloth-backed adhesive tape attaches Lowel mounts to windows and walls.

12 yd roll
Code: GT-12
Weight: 8 oz (227 g)

30 yd roll
Code: GT-30
Weight: 1.25 lbs (567 g)



Multi-system Hard Cases w/ Movable Partitions

The Lowel Hard Cases shown here are the most functional & popular in our line. The addition of movable velcro partitions brings a greater degree of packing flexibility to kit arrangement. All have ribbed exteriors for extra strength, and hinged lids. A permanent length-wise partition separates lights from stands and movable velcro partitions allow custom placement options.

Some larger cases have been updated with heavy-duty recessed wheels & spring-loaded pulling handles. Most smaller cases come with air-cushion padded adjustable shoulder straps. GO-85, TO-83, O1-86Z & TO-84Z cases all offer maximum versatility when combining ViP, Tota/Omni & smaller Rifa systems. Consult individual cases for number of lights, stands & accessories they can hold.

GO 85 Case

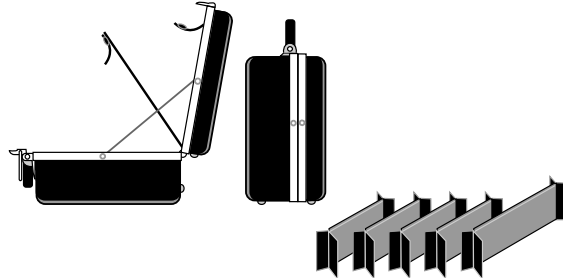
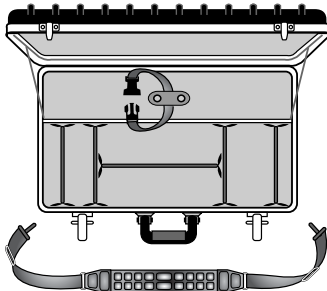
Code: GO-85
Size: 23.75 x 13.5 x 7"
 (60.3 x 34.3 x 17.8 cm)
Weight: 10.3 lbs (4.7 kg)

- High impact molded polyethylene case, hinged lid, rigid length-wise partition, velcro partitions, and padded shoulder strap (SS-10).
- Holds 4 Omni-lights or 4 Tota-lights, or combinations which can also include Rifa eX 44, Pro & V-lights, plus 4 Uni or Uni TO stands (one possible partition arrangement shown).
- Includes the following partitions:
 2 GO-02 (7.75 x 4")
 3 GO-03 (4.5 x 4")
 1 GO-04 (3 x 4")
 1 GO-05 (22.75 x 4")
 1 LB-07 (11.5 x 3.5")

GO 85X Case

Code: GO-85X
 ■ Same case as GO-85 except without rigid length-wise partition, for special purpose kit use.

- Supplied with same partitions as GO-85, plus 1 LB-10 velcro length-wise partition.
- See eXchange Accessories (p. 65) for further options.



Tota/Omni 83 Case

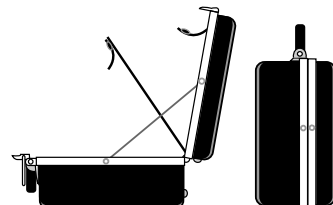
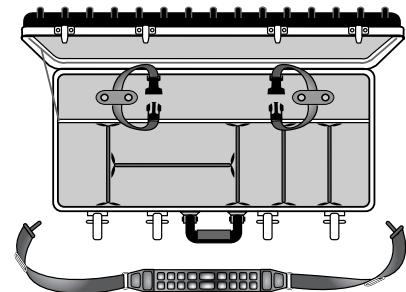
Code: TO-83
Size: 29.5 x 13 x 7"
 (74.9 x 33 x 17.8 cm)
Weight: 11.5 lbs (5.2 kg)

- High impact molded polyethylene case, hinged lid, with rigid length-wise partition, velcro partitions, & padded shoulder strap (SS-10).
- Compact case more efficiently stores Tota/Omni-lights, Omni-stands and accessories.
- Rigid length-wise partition separates lights from stands.
- All others are movable velcro partitions.
- Accepts the Omni stand.
- Holds 4 Omnis or 4 Totas or combinations which can also include Rifa 44, 55, or 66, Pro & V-lights, plus 4 Omni or KS Jr. stands, with room for accessories (one possible arrangement shown).
- Includes the following partitions:
 1 GO-02 (7.75 x 4")
 3 GO-03 (4.5 x 4")
 2 GO-04 (3 x 4")
 1 LB-07 (11.5 x 3.5")
 1 TO-01 (29.25 x 4")

Tota/Omni 83X Case

Code: TO-83X
 ■ Same case as TO-83 except without rigid length-wise partition, for special purpose kit use.

- Supplied with same partitions as TO-83, plus 1 LB-10 velcro length-wise partition.
- See eXchange Accessories (p. 65) for further options.

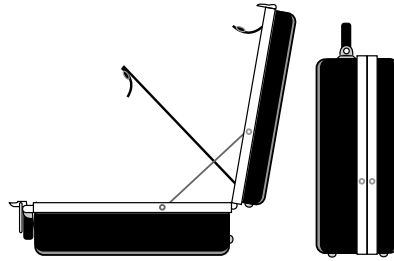
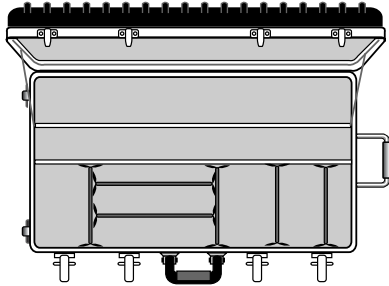


Multi-system Hard Cases w/ Movable Partitions

Tota/Omni 84 Case

Code: TO-84Z
 Size: 29.5 x 17 x 7"
 (74.9 x 43.2 x 17.8 cm)
 Weight: 15 lbs (6.8 kg)

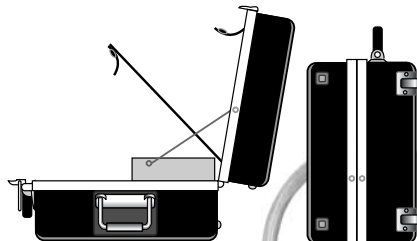
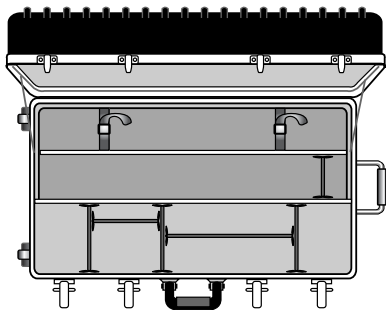
- High-impact molded polyethylene case, hinged-lid.
- Updated with recessed wheels & pull handle.
- Holds 4 Omni-lights and 2 Totas, or 2 Omni-lights and 6 Totas, or a combination of Pro & V-lights, plus Rifa 44, 55, or 66 and 4 or 5 Omni-stands, plus some accessories (one possible partition arrangement shown).
- Includes the following partitions:
 2 GO-02 (7.75 x 4")
 4 GO-03 (4.5 x 4")
 2 GO-04 (3 x 4")
 1 TO-01 (29.25 x 4")



Omni 86 Case

Code: O1-86Z
 Size: 29.5 x 17 x 9.75"
 (74.9 x 43.4 x 24.8 cm)
 Weight: 17.5 lbs (8 kg)

- High-impact molded polyethylene case, hinged lid.
- Holds 4 Omni-lights and 4 Totas, 1 Rifa 44, 55, or 66, plus 6 Omni-stands; or 4 Omni & 2 KS Jr. Stands, and lots of accessories.
- Updated with recessed wheels & handle.
- Includes the following partitions:
 7 GO-01
 2 GO-02
 3 GO-03
 2 LB-07



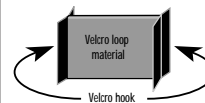
Movable Velcro Partitions for Lowel Hard Cases

Movable Velcro Partitions for Lowel Hard Cases

Can be used in various combinations for customizing placement of lights & accessories in GO-85, TO-83, TO-84Z, & O1-86Z.

All have velcro hook material flaps to lock to loop material on case inside walls.

Codes:	
GO-01	6 x 4.5"
GO-02	7.75 x 4"
GO-03	4.5 x 4"
GO-04	3 x 4"
GO-05	22.75 x 4"
LB-04	19.25 x 4"
LB-05	22 x 4.5"
LB-06	7.5 x 4.5"
LB-07	11.5 x 3.5"
LB-10	13 x 3.5"
TO-01	29.25 x 4"
MC-10	10.25 x 4"



Wheels & Handles

Several of our larger cases are now equipped with a spring-loaded handle and recessed rolling wheels. These include the Tota/Omni 84, Omni 86, Multi Case & Big Scandles Case. They make transporting some of our larger kits a little easier, especially through airports.



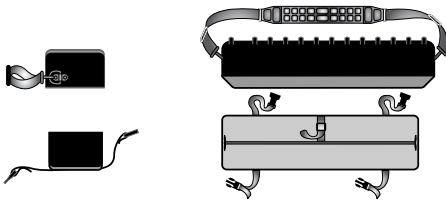
Tube Cases

Long, narrow, and easy to sling over the shoulder, some have removable lids & adjustable straps which can allow the case to become "telescopic" in height, to hold more equipment. All Tube Cases come with air-cushion padded adjustable shoulder straps. Consult individual cases for number of lights, stands & accessories they can hold.

V Shoulder Case

Code: V-85
Size: 23.5 x 6.25 x 6.25"
 (59.6 x 15.9 x 15.9 cm)
Weight: 4.75 lbs (2.2 kg)

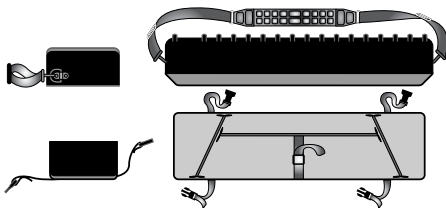
- High impact molded polyethylene case, with padded shoulder strap (SS-10).
- Includes the following partition: 1 LB-05.
- Separate lid and adjustable straps allow height variation (7.5" max.).
- Holds 2 V-lights or Rifa eX 44, & Uni TO stands, and some accessories.
- Can be carried on-the-shoulder or in-hand.



ViP Shoulder Case

Code: ViP-86
Size: 30.75 x 8.5 x 6.5"
 (78.1 x 21.6 x 16.5 cm)
Weight: 7.25 lbs (3.3 kg)

- High impact molded polyethylene case with padded shoulder strap (SS-10).
- Separate lid and adjustable straps allow height variation (7.5" max.).
- Holds 2 V-lights and 2 Pro or i-lights (or 4 V-lights), 4 Uni-stands and accessories.
- Can be carried on-the-shoulder or in-hand.
- Includes the following movable velcro partitions:
 - 1 LB-04
 - 2 LB-06

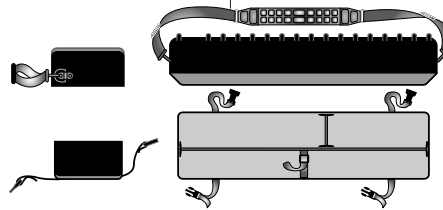


Tube Case

Code: T1-82
Size: 30.75 x 8.5 x 6.5"
 (78.1 x 21.6 x 16.5 cm)
Weight: 7.5 lbs (3.4 kg)

- High-impact molded polyethylene case with padded shoulder strap (SS-10).

- Separate lid and adjustable straps, allow height variation (7.5" max.).
- Holds 4 Totas;
- 3 Omni-stands & a few accessories.
- Can be carried on-the-shoulder or in-hand.
- Includes the following velcro partitions:
 - 1 GO-04 (3 x 4")
 - 1 TO-01 (29.25 x 4")

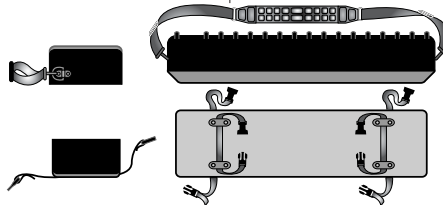


Rifa Small Tube Case

Code: R1-82
Size: 30.75 x 8.5 x 6.5"
 (78.1 x 21.6 x 16.5 cm)
Weight: 6.5 lbs (3 kg)

- For Rifa eX 44, 55 & 66s.
- High impact, molded polyethylene case.
- Padded shoulder strap (SS-10).

- Separate lid and adjustable straps allow height variation (7.5" max.).
- Holds 2 Rifas or Rifa & 1 stand (Uni, TO, Omni, or KS Jr), plus some accessories.
- Can be carried on the shoulder or in hand.

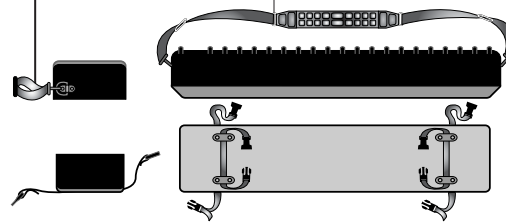


Rifa Large Tube Case

Code: R1-83
Size: 37.75 x 8.5 x 6.5"
 (95.9 x 21.6 x 16.5 cm)
Weight: 7 lbs (3.2 kg)

- For use with Rifa eX 88 & smaller.
- High impact, molded polyethylene case.
- Padded shoulder strap (SS-10).

- Separate lid and adjustable straps allow height variation (7.5" max.).
- Holds 2 Rifas or 1 Rifa & 1 KS Stand plus accessories.
- Can be carried on the shoulder or in-hand.



ViP Shoulder Case (ViP-86)

V Shoulder Case (V-85)

Rifa Small Tube Case (R1-82)
 Tube Case (T1-82)

Rifa Large Tube Case (R1-83)



System-specific Hard Cases

Designed specifically for use with certain Lowel lighting systems, these have rigid partitions, positioned to allow most efficient placement of fixtures, accessories & stands. Some also have accessory foam inserts for a more secure fit. Some smaller cases come with air-cushion padded adjustable shoulder straps. Consult individual cases for number of lights, stands & accessories they can hold.

Multi Case

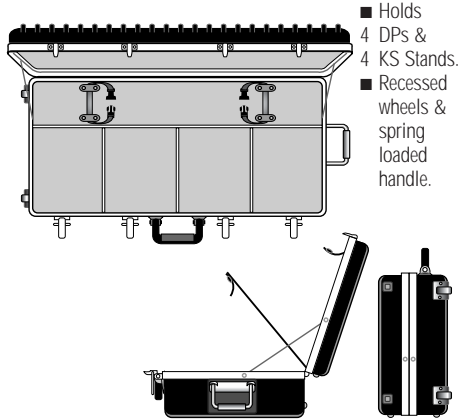
Code: MCSEM
Size: 37.5 x 17.75 x 9"
 (95.3 x 45.1 x 22.9 cm)
Weight: 19 lbs (8.6 kg).

Rifa Multi Case

Code: MCSEER
 Same as MCSEM but with lengthwise partition to

hold 4 Rifas (eX 88 or smaller) and 4 stands (KS or smaller). Velcro walls and (3) MC-01 partitions added to accommodate Rifa eX 88 kit options.

- High impact, molded polyethylene case, hinged lid.

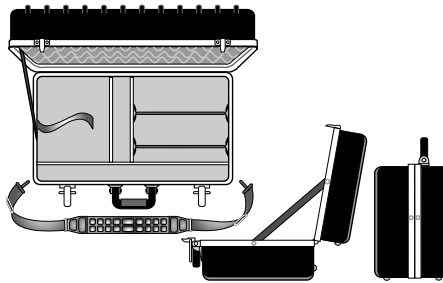


- Holds 4 DPs & 4 KS Stands.
- Recessed wheels & spring loaded handle.

DP-Uni Case

Code: DT-83
Size: 23.8 x 13.5 x 10.8"
 (60.4 x 34.3 x 27.3 cm)
Weight: 10 lbs (4.6 kg)

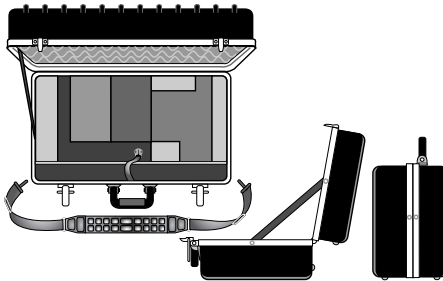
- High impact molded polyethylene case with hinged lid.
- Padded shoulder strap (SS-10).
- Holds 2 Totas, & 1 DP Light, or 2 DP Lights, plus Uni TO Stands, and some accessories.
- Includes the following partitions: 2 LB-07



Small Scandle Case

Code: LSF-81
Size: 23.8 x 13.5 x 10.8"
 (60.4 x 34.3 x 27.3 cm)
Weight: 9.5 lbs (4.3 kg)

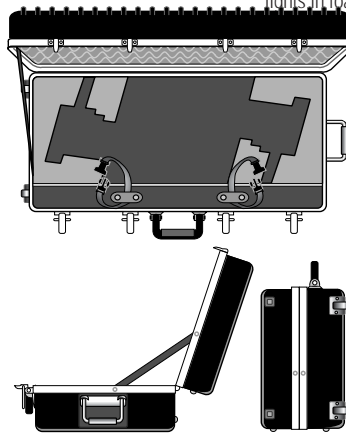
- High impact molded polyethylene case with hinged lid.
- Padded shoulder strap (SS-10).
- Holds 1 Lowel Scandles light in foam insert, plus collapsible cone reflector & diffuser, 1 Uni Sr. Stand, and some accessories.



Big Scandle Case

Code: LSF-82
Size: 37.5 x 17.8 x 10.8"
 (95.3 x 45.1 x 27.3 cm)
Weight: 21 lbs (9.6 kg)

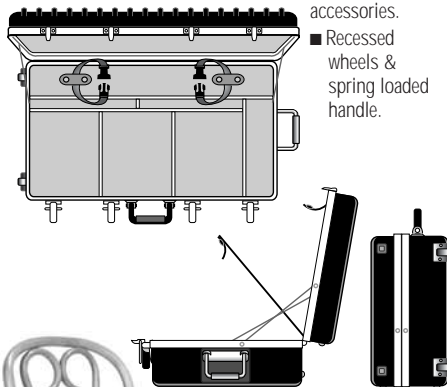
- High impact polyethylene molded case with hinged lid, recessed wheels and rolling handle.
- Holds 2 Lowel Scandles lights in foam insert, plus 2 collapsible cone reflectors & diffusers, 2 KS Jr. Stands, and some accessories.



DP3 Case

Code: DT-84M
Size: 29.5 x 17 x 9"
 (74.9 x 43.2 x 22.9 cm)
Weight: 15.25 lbs (6.9 kg)

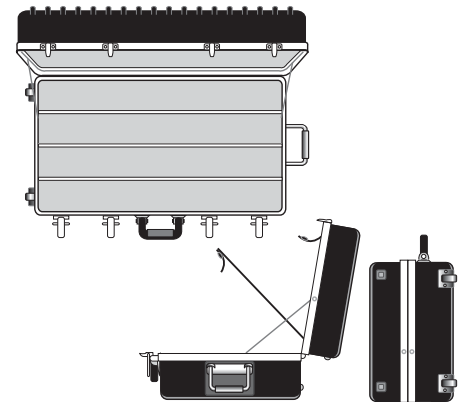
- High impact molded polyethylene case, hinged lid.
- Holds 3 Fren-L 650s or 3 DPs, 2 Totas, plus 4 KS Jr. Stands & accessories.
- Recessed wheels & spring loaded handle.



TRIO 3 Case

Code: TRF-86
Size: 29.5 x 17 x 9.75"
 (74.9 x 43.4 x 24.8 cm)
Weight: 18 lbs (8.2 kg)

- High-impact molded polyethylene case, with hinged lid, recessed wheels & handle.
- Holds 3 TRIO's (FLT-300), plus 3 Uni-Sr. Stands (UN-66), and 3 Tilt-brackets (CF-36)



Multi Case (MCSEM)
 Rifa Multi Case (MCSEER)

DP3 Case (DT-84M)



DP-Uni Case (DT-83)
 Small Scandle Case (LSF-81)

Big Scandle Case (LSF-82)

TRIO 3 Case (TRF-86)

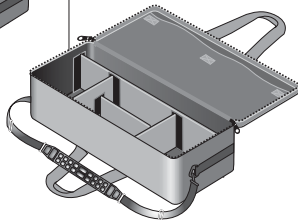
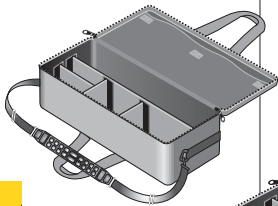
Lowel Litebags™

Our Lowel Litebags have velcro partitions for easy versatile arrangement, and a cushioned shoulder strap for comfortable carrying. For soft case kits with just Rifas, try the Small & Large Rifa Litebags. We also have new Lowel Blender Single & Duo Carry Bags. They're all a cost effective solution, if you're traveling light.

Slim Litebag

Code: LB-24
Size: 23 x 9 x 6"
 (58 x 23 x 15 cm)
Weight: 3.5 lbs (1.6 kg)

- New Litebag, more compact than Lowel Small Litebag (LB-30).
- Made of polyester with vinyl coated backing.
- Padded shoulder strap (SS-10).
- Used for Lowel Blender 1 Light Kit, also holds other small lights, and 2 Uni-stands.
- Supplied partitions: 2 LB-05, 3 GO-03, 1 GO-04, 2 GO-02, 1 LB-07, 4 LB-06, 1 LB-10
- Storage pocket in lid.



Small Litebag Soft Case

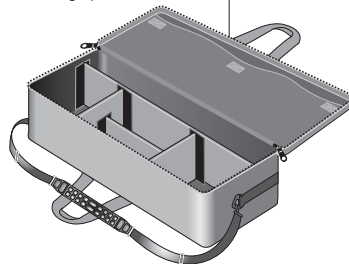
Code: LB-30
Size: 23 x 10.5 x 6.75"
 (58.4 x 26.7 x 17.2 cm)
Weight: 4.25 lbs (1.9 kg)

- Made of polyester with vinyl coated backing.
- Padded shoulder strap (SS-10).
- Accepts Rifa eX 44, 2 Pro-lights & 2 V-lights (or 4 Pro-lights), 3 Uni or Uni TO Stands, or 2 Omni-lights, 3 Uni-stands, or 1 Omni, 2 Tota-lights, 3 Uni-stands.
- See Rifa eX Kits & Accessories (pp. 52-57) for options in carrying eXchange System lampheads & lamps.
- Supplied partitions: 2 LB-05, 3 GO-03, 1 GO-04, 2 GO-02, 1 LB-07, 4 LB-06, 1 LB-10
- Storage pocket in lid.

Large Litebag Soft Case

Code: LB-35
Size: 30.5 x 11.5 x 8.5"
 (77.5 x 29.2 x 21.6 cm)
Weight: 5.7 lbs (2.6 kg)

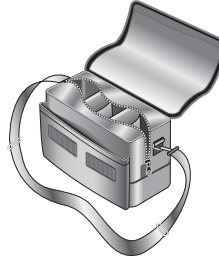
- Made of polyester with vinyl coated backing.
- Padded shoulder strap (SS-10).
- Accepts Rifa eX 44 or 55, 2 Totas, 2 Omnis (or 4 Omnis), 4 Omni-stands & accessories or 3 DPs & 3 KS Jr. stands.
- See eXchange Accessory Packs (p. 65) for options in carrying eXchange System lampheads & lamps.
- Supplied partitions: 2 LB-08, 3 GO-03, 1 GO-04, 2 GO-02, 2 LB-07, 3 LB-09, 1 LB-10
- Storage pocket in lid.



Blender Single Carry Bag

Code: LB-14
Size: 12 x 8 x 6"
 (30 x 20 x 15 cm)
Weight: 1 lb (.45 kg)

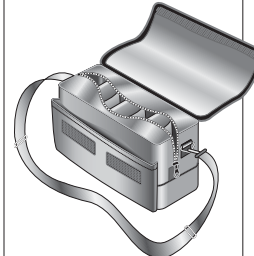
- Compact bag, with cover flap, full length zipper, velcro partitions, and adjustable shoulder strap.
- Made of nylon.
- Holds 1 Lowel Blender plus AC adaptor & accessories.



Blender Duo Carry Bag

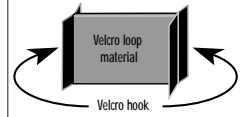
Code: LB-15
Size: 15 x 8 x 6"
 (38 x 20 x 15 cm)
Weight: 1.5 lbs (.7 kg)

- Compact bag, with cover flap, full length zipper, velcro partitions, and adjustable shoulder strap.
- Made of nylon.
- Holds 2 Lowel Blenders plus AC adaptors & accessories.



Partitions

Single partitions for these Lowel Litebags



Codes:

GO-01	6 x 4.5"	
GO-02	7.75 x 4"	
GO-03	4.5 x 4"	
GO-04	3 x 4"	
LB-05	22 x 4.5"	
LB-06	7.5 x 4.5"	
LB-07	11.5 x 3.5"	
LB-08	29 X 6"	
LB-09	7.75 x 6"	
LB-10	13 x 3.5"	

Strap

Padded Strap

- Code:** SS-10
Size: Maximum length 47" (118 cm)
Weight: 8oz (227g)
- Air-cushioned strap adjustable length.
 - Fits certain hard cases & Lowel Litebags.



Slim Litebag (LB-24)

Small Litebag Carry Case (LB-30)

Large Litebag Carry Case (LB-35)

Blender Duo Carry Bag (LB-15)

Blender Single Carry Bag (LB-14)



Rifa eX Litebags

Small Rifa Litebag

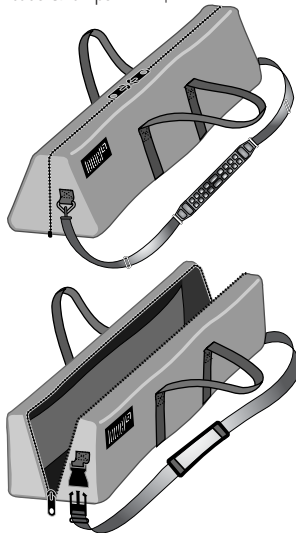
Code: LB-45
Size: (trapezoid shape)
 29.5 x 8 x 8.25"
 (75 x 21.6 x 21.6 cm)
Weight: 2.5 lbs (1.13 kg)

- Made of polyester with vinyl coated backing.
- Padded shoulder strap (SS-10).
- Accepts 2 Rifas (eX 44 or 55) or 1 Uni, Uni TO, or Uni Sr. Stand
- Inside storage pockets
- See Rifa eX Kits & Accessories (pp. 52-57) for options in carrying eXchange System lampheads & lamps.

Large Rifa Litebag

Code: LB-40
Size: (trapezoid shape)
 36.25 x 8 x 8.25"
 (92 x 21 x 21.6 cm)
Weight: 3.3 lbs (1.5 kg)

- Made of polyester with vinyl coated backing.
- Padded shoulder strap (SS-10).
- Accepts 2 Rifa-lites (eX 88 or smaller) & 2 KS stands.
- Inside storage pockets.
- See Rifa eX Kits & Accessories (pp. 52-57) for options in carrying eXchange System lampheads & lamps.



Small Rifa Litebag (LB-45)

Large Rifa Litebag (LB-40)



Lampaks



Hard plastic boxes keep lamps safe for storage and travel. Lampaks do not include lamps.

Weight: 3 oz (85 g)

ViP Lampak



Code: ViP-61
 Stores several Pro, i and V lamps in foam filled plastic case (lamps not included).

Tota Lampak



Code: T1-61
 Stores 5 Tota lamps in foam filled plastic case (lamps not included).

Omni Lampak



Code: O1-61
 Stores 6 Omni lamps in foam filled plastic case (lamps not included).

Tota/Omni Lampak



Code: TO-61
 Stores 2 Tota, 4 Omni lamps in foam filled plastic case (lamps not included).

DP/Rifa Lampak



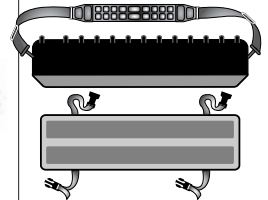
Code: D2-61
 Stores 4 DP/Rifa lamps in foam filled plastic case (lamps not included).

DP/Tota Lampak



Code: DT-61
 Stores 2 DP and 2 Tota lamps in foam filled plastic case (lamps not included).

Caselite Lampak



Code: CL-85
Size: 23.5 x 6.25 x 6.25" (59.6 x 15.9 x 15.9 cm)
Weight: 5 lbs (2.5 kg)
 ■ High impact molded polyethylene case, with foam inserts & padded shoulder strap (SS-10).
 ■ Holds up to 6 T-55 fluorescent lamps.

Compact Fluorescent Lamp Cases

27w Lamptube



Code: FLO-X61
Size: 13 x 3.5" (33 x 9 cm)
Weight: .4 lbs (.2 kg)

- High impact plastic tube with end caps and foam inner cushion
- Holds (2) 27w screw-threaded fluorescent lamps. Lamps not included.

65w Lamptube



Code: FLO-X62
Size: 11 x 5" (28 x 13 cm)
Weight: .5 lbs (.25 kg)

- High impact plastic tube with end caps and foam inner cushion
- Holds (1) 65w screw-threaded fluorescent lamp. Lamps not included.

80w Lamptube



Code: FLO-X61
Size: 13 x 3.5" (33 x 9 cm)
Weight: .4 lbs (.2 kg)

- High impact plastic tube with end caps and foam inner cushion.
- Holds (1) 80w screw-threaded fluorescent lamp for eXchange System lampheads. Lamps not included.

Gel Files

Conveniently organizes & stores pre-cut lighting gels. Made of flexible woven nylon with dividers for different gel colors & diffusion, etc. They also have a clear plastic zippered pocket for storing Gel-Jawz, clothes pins etc.

Tota/Omni Gel File

Code: GF-10
Size: 11 x 13" (27.9 x 33 cm)
Weight: 7 oz (198 g)
 Accepts 10 x 12" gels for Tota/Omni gel frame.

DP Gel File

Code: GF-15
Size: 13.3 x 18" (33.8 x 45.7 cm)
Weight: 11 oz (312 g)
 Accepts 12 x 16" gels for DP gel frame.

Standard Gel File

Code: GF-20
Size: 21 x 25" (53 x 63.5 cm)
Weight: 1.7 lbs (771 g)
 Accepts 20 x 24" industry standard sheet size gels.



We Were There from the Beginning...

In 1959 Lowel pioneered the location lighting revolution. It has continued to this day, resulting in a world where there are now virtually as many creative options for lighting & control outside the studio as there are inside.

As a result, today all the world truly IS a stage.



From then until now, we have continued to design & offer location kits featuring lights that are versatile, rugged & dependable, while offering the best in output & light quality. They are supported by dependable Stands & other Mounting Accessories, and finessed with a wide selection of Light Controls.

Choosing a Kit

Each Lowel Kit has been created from one or more of our award winning lighting systems to offer the user a logical selection of lights and components at a savings over individual prices.

Before choosing a kit, give some thought to size & nature of the lighting setups you are most likely to need to create.

Such as:

- Interviews shot from waist up in a small office;
- Archival copying of flat art & sculpture, all sizes;
- Wedding & Event videography in large reception rooms.

Consult the Lighting Systems section

at the front of the Catalog to choose the most appropriate fixtures based not only on output, but also quality & character of light.

Such as:

- variable focus
- dedicated softlight

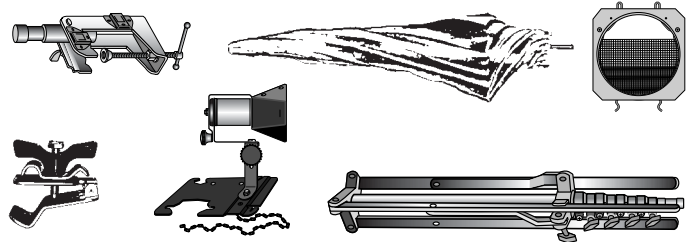
Keep in mind that many of the more powerful fixtures can also use lower wattage lamps, increasing their output versatility.

Read "Choosing a Light" in the Resources section at the back of this catalog for more information. Also give consideration to mounting & light control issues that may be particular to your intended use. You can also find answers to questions about these in the Resources section.



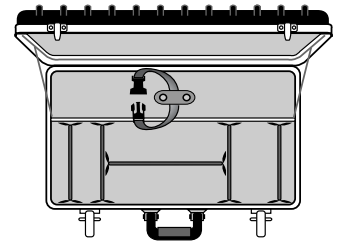
Customizing a Lowel Kit

Many of our kits have room for additional light-controls & mounting accessories; and in some cases, one or more lights and stands. For the number of lights and stands a given hard or soft case will hold, see the Cases section.



Building a Kit

You can also create a Lowel Kit to suit your exact needs. Order an empty case and only the equipment you need. Don't buy more than you expect to use, since supplementing the kit at a later time is simple.



Case Options

Many kits are available with additional hard or soft case options. Suggested options are listed with the particular kit. In addition, some cases can be converted to hold different lights with movable partitions or accessory foam inserts. For case specifications, partitioning, capacity, and foam inserts, see the Cases section.



Our Top Sellers are Perfect for HD Lighting on Location

1 **Lowel DV Creator Kits**



pp. 58, 59

Easily our most popular kits, these 3 kits combine lights from different systems to give you a versatile set of lighting options.

2 **Rifa eXchange Kits**



pp. 60-65

Rifa's quick setup, beautiful output, & eXchange System accessory options make these kits among our strongest sellers.


3 **Basically 3 & Elemental Kits**



pp. 68, 69

Longtime Lowel favorites, Tota & Omni in 3 light combinations with light control accessories.

4 **T/O GO 97 & T/O GO 98 Kits**



p. 67, 68

For lighter travel, Totas & Omnis in 3 light combinations with more compact cases, with smaller folding sturdy stands.

5 **Super Ambi & Ambi Kits**



p. 67, 69

Super Ambi is our most elaborate combo of Totas & Omnis, with added Pro & Rifa eX, plus a generous selection of accessories, in a relatively compact case. The original Ambi is a longtime popular classic in its own right (pg 69).

6 **DV Core Kits**



p. 71

DV Core 44 & 55, 2 popular lower wattage kits combining Pro & V-lights, with the addition of a quick setup Rifa eX for beautiful soft light.

7 **DV Pro Kits**



p. 72

DV Pro 44 & 55 Kits are more elaborate lower wattage kits featuring Pro & V lights with Rifa eX and a wider selection of accessories in a larger case.

8 **Caselite Kits**



p. 75

Caselite fluorescent kits have a loyal following of their own, with soft daylight or tungsten output from a light that's also in its own stand carrying case!



Lowel Blender™ Kits & Packs

Run & gun lighting, with the ability to change color to suit the ambient light of the location.

The Lowel Blender 1 Light Kit combines Blender with its AC Adaptor, your choice of camcorder Battery Sled (batteries not included), and a Uni-stand, all in the Slim Litebag. Attach the Battery Sled to the Uni-stand using its velcro strap, and position the light where you want it, without extension cords & AC outlets, or simply plug it into the wall.

The Lowel Blender AC/DC packs carry 1 or 2 Blenders with AC Adaptors, your choice of camcorder Battery Sleds, and a Handle & Stud, in a Blender Carry Bag. Clip a Battery Sled to your belt, and mount Blender on the Handle & Stud for handheld lighting.



Lowel Blender 1 Light Kit

Code: BLN-9145LB
Size: 23 x 9 x 6"
 (58 x 23 x 15 cm)
Weight: 9 lbs (3.6 kg)

Same as above with:

Sony Battery Sleds
Code: BLN-9146LB
 Canon Battery Sleds
Code: BLN-9147LB

(batteries not included)

Contains:

- 1 Lowel Blender complete (BLN-10)
- 1 Panasonic Camcorder Battery Sled (BSLD-11)
- 1 Lowel Uni-stand (UN-33)
- 1 Slim Litebag (LB-24)



Lowel Blender AC/DC Pack

Code: BLN-911LB
Size: 12 x 8 x 6"
 (30 x 20 x 15 cm)
Weight: 7.5 lbs (3.4 kg)

Same as above with:

Sony Battery Sled
Code: BLN-912LB
 Canon Battery Sled
Code: BLN-913LB

(batteries not included)

Contains:

- 1 Lowel Blender complete (BLN-10)
- 1 Panasonic camcorder Battery Sled (BSLD-11)
- 1 Handle & Stud (VIP-431)
- 1 Blender Single Carry Bag (LB-14)



Lowel Blender Duo AC/DC Pack

Code: BLN-9145LB
Size: 15 x 8 x 6"
 (38 x 20 x 15 cm)
Weight: 8.5 lbs (3.8 kg)

Same as above with:

Sony Battery Sleds
Code: BLN-922LB
 Canon Battery Sleds
Code: BLN-923LB

(batteries not included)

Contains:

- 2 Lowel Blenders complete (BLN-10)
- 2 Panasonic camcorder Battery Sleds (BSLD-11)
- 1 Handle & Stud (VIP-431)
- 1 Blender Duo Carry Bag (LB-15)

SoftCore™ Kit

Bring bright & efficient, color accurate, daylight fluorescent to most conventional softboxes with the SoftCore FLO-X3 Kit. It uses three Lowel High CRI 80w lamps, with a FLO-X3 lamphead, individually switched for easy brightness control.



SoftCore FLO-X3 Kit

Code: SX-903LB
Size: (trapezoid shape)
 36.25 x 8 x 8.25"
 (92 x 21 x 21.6 cm)
Weight: 11.5 lbs (5.2 kg)

Contains...

- 1 Lowel SoftCore with FLO-X3 lamphead (SX-103)
- 3 80w Daylight Fluorescent Lamps (E1-80)

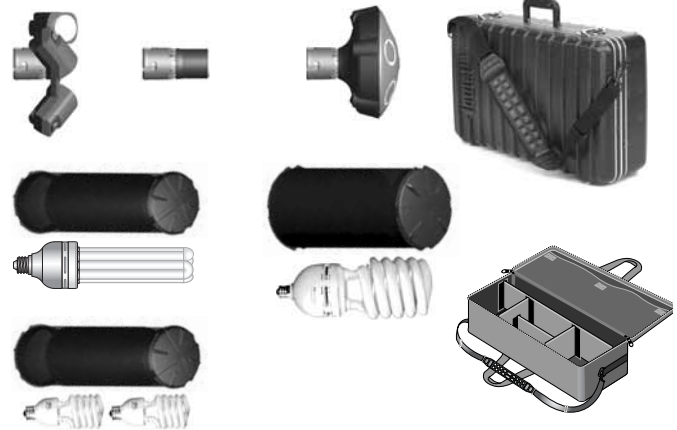
- 3 80w Lamptubes (FLO-X63)
- 1 Large Rifa Litebag (LB-40)

Note: This Kit does not come with a softbox or stand. KS Jr (DT-33) is the recommended stand.

Note:

See Page 65 for eXchange System Accessory Packs & Special Cases that can combine with SoftCore to create a versatile range of lighting options, beyond the conventional Kit.

Use our color accurate 27, 65 or 80w fluorescent lamps in single, three or five socket lampheads with individual switches for output control.



Lowel TRIO™ Kits

Take your studio on the road with a one or three light Lowel TRIO Kit. With reversible Barndoor / Intensifiers to trim or increase the output, Tilt-brackets for well balanced tilting range, and your choice of daylight or tungsten color high CRI fluorescent lamps, the slim-profile TRIO's get the job done.



TRIO 3 Light Kit

Tungsten Kit
Code: FLT-903TU

Daylight Kit
Code: FLT-903DA

Size: 29.5 x 17 x 9.75"
 (74.9 x 43.4 x 24.8 cm)
Weight: 60 lbs (27.2 kg)

Contains:

- 3 Lowel TRIO lights (FLT-300) with either daylight or tungsten balanced GE Cinema-Plus fluorescent lamps
- 3 Uni Sr. Stands (UN-66)
- 1 TRIO 3 Case (TRF-86)



TRIO 1 Light Kit

Tungsten Kit
Code: FLT-901TU

Daylight Kit
Code: FLT-901DA

Size: 29.5 x 13 x 7"
 (74.9 x 33 x 17.8 cm)
Weight: 25 lbs (11.3 kg)

Contains:

- 1 Lowel TRIO light (FLT-300) with either daylight or tungsten balanced GE Cinema-Plus fluorescent lamps
- 1 Uni Sr. Stand (UN-66),
- 1 TO-83X Case (TO-83X)



Multi System Kits

Lowel's DV Creator / Multi System Kits combine light fixtures with lamps, stands & accessories from our wide range of different lighting systems to bring a new level of versatility to our kits.

Perfect for lighting HD productions, all draw from the Tota/Omni, ViP & Rifa eXchange systems to create kit combinations that fit most needs & budgets. Some have hard case options that offer room to grow.



Lowel DV Creator 1 Kit

Code: DV-901Z
Size: 23.75 x 13.5 x 7"
 (60.3 x 34.3 x 17.8 cm)
Weight: 28 lbs (12.7 kg)

With TO-83 Case
Code: DV-9013Z
Weight: 29.5 lbs (13.4 kg)

With LB-30 Soft Case
Code: DV-901LBZ
Weight: 22 lbs (10 kg)

- Contains:**
- 1 Pro-light (P2-10)
 - 1 Pro-light 4-way Barndoors (iP-20)
 - 1 200w, 120v lamp (FVL)
 - 1 Omni-light (O1-10)
 - 1 Omni-light 4-way Barndoors (O1-20)
 - 1 500w, 120v lamp (FTK)
 - 1 Tota-light (T1-10)
 - 1 750w, 120v lamp (EMD)
 - 3 Uni TO Stands (UN-55)
 - 1 Tota-frame (T1-20)
 - 1 Assorted Gels (T1-78)
 - 1 Flexi-shaft Pak (2) (T1-50)
 - 1 Tota-flag (T1-52)
 - 1 Tota-brella (T1-25)
 - 1 T/O Lampak (TO-61)
 - 1 GO-85 Case



Lowel DV Creator 44 Kit

Code: DV-9023Z
Size: 29.5 x 13 x 7"
 (74.9 x 33 x 17.8 cm)
Weight: 35 lbs (15.9 kg)

With TO-84Z Case
Code: DV-9024Z
Weight: 42 lbs (19 kg)

With LB-35 Soft Case
Code: DV-902LBZ
Weight: 29.5 lbs (13.4 kg)

- Contains:**
- 1 Rifa eX 44 (LC-44EX)
 - 1 200w, 120v lamp (FVL)
 - 1 Pro-light (P2-10)
 - 1 Pro-light 4-way Barndoors (iP-20)
 - 1 200w, 120v lamp (FVL)
 - 1 Omni-light (O1-10)
 - 1 Omni-light 4-way Barndoors (O1-20)
 - 1 500w, 120v lamp (FTK)
 - 1 750w, 120v lamp (EMD)
 - 4 Uni TO Stands (UN-55)
 - 1 Tota-frame (T1-20)
 - 1 Assorted Gels (T1-78)
 - 1 Pro & i Gel Frame (iP-40)
 - 1 iP Assorted Gels (iP-78)
 - 1 Flexi-shaft pkg (2) (T1-50)
 - 1 Tota-flag (T1-52)
 - 1 Tota-brella (T1-25)
 - 1 T/O Lampak (TO-61)
 - 1 ViP Lampak (ViP-61)
 - 1 TO-83 Case

Learn to Light Better...

lowelEDU

Learn to light interviews with this Kit
 at Lowel EDU Lighting Resource Center.
www.lowel.com

Learn to Light Better...

lowelEDU

Learn to light interviews with this Kit
 at Lowel EDU Lighting Resource Center.
www.lowel.com

Multi System Kits

Whether you prefer the smaller & mid-sized Lowel DV Creator Kits, or the feature packed Super Ambi Kit, these kits will help you arrive at a location with a greater degree of lighting possibilities in your hand. For those traveling light, Lowel DV Creator Kits are also available in soft cases.



Lowel DV Creator 55 Kit

Code: DV-903Z

Size: 29.5 x 13 x 7"
(74.9 x 33 x 17.8 cm)

Weight: 38 lbs (17.3 kg)

With TO-84Z Case

Code: DV-9034Z

Weight: 42 lbs (19 kg)

With LB-35 Soft Case

Code: DV-903LBZ

Weight: 33 lbs (14.8 kg)

Contains:

- 1 Rifa eX 55 (LC-55EX)
- 1 500w, 120v lamp (EHC)
- 1 Pro-light (P2-10)
- 1 Pro-light 4-way Barndoors (iP-20)
- 1 200w, 120v lamp (FVL)
- 1 Omni-light (O1-10)
- 1 Omni-light 4-way Barndoors (O1-20)
- 1 500w, 120v lamp (FTK)
- 1 Tota-light (T1-10)
- 1 750w, 120v lamp (EMD)
- 3 Uni TO Stands (UN-55)
- 1 KS Jr. Stand (DT-33)
- 1 Tota-frame (T1-20)
- 1 Assorted Gels (T1-78)
- 1 Pro & i Gel Frame (iP40)
- 1 iP Assorted Gels (iP-78)
- 1 Flexi-shaft pkg (2) (T1-50)
- 1 Tota-flag (T1-52)
- 1 Tota-brella (T1-25)
- 1 T/O Lampak (TO-61)
- 1 DP/Tota Lampak (DT-61)
- 1 TO-83 Case



Super Ambi Kit

Code: TORP-955

Size: 29.5 x 17 x 9.75"
(74.9 x 43.4 x 24.8 cm)

Weight: 57 lbs (25.9 kg)

Contains:

- 2 Tota-lights (T1-10)
- 2 750w, 120v lamps (EMD)
- 2 Omni-lights (O1-10)
- 2 Omni Barndoors (O1-20)
- 2 500w, 120v lamps (FTK)
- 1 Rifa eX 55 (LC-55EX)
- 1 500w, 120v lamp (EHC)
- 1 Pro-light (P2-10)
- 1 Pro-light 4-way Barndoors (iP-20)
- 1 200w, 120v lamp (FVL)
- 5 Omni-stands (O1-33)
- 1 KS Jr. Stand (DT-33)
- 1 Omni Full Scrim (O1-54)
- 1 Omni Half Scrim (O1-55)
- 2 Tota-brellas (T1-25)
- 3 Tota-frames (T1-20)
- 2 Assorted Gels (T1-78)
- 1 Pro & i Gel Frame (iP-40)
- 1 Pro & i Gels (iP-78)
- 1 ViP Lampak (ViP-61)
- 1 Tota-flag (T1-52)
- 1 Tota-flector (T1-54)
- 1 Pkgs Flexi-shafts (2) (T1-50)
- 1 Lobo Arm & Lobo (F1-41)
- 1 Tota-tatch (T1-34)
- 1 Tota-mount (T1-32)
- 1 Tota-clamp (T1-30)
- 1 12-yard roll Gaffer-tape (GT-12)
- 1 Tota/Omni Lampak (TO-61)
- 1 DP/Tota Lampak (DT-61)
- 1 01-86Z Case



With one minute setup and beautiful results, it's easy to see why Rifa Kits are so popular. The expanded abilities of the Rifa eXchange System bring more creative lighting options to the location with you.

With accessory lamp-heads, Rifa eX's can easily convert to use daylight fluorescent, and lower wattage AC & DC tungsten-halogen lamps.

See the Rifa eX System (pp 20-25) for the lower wattage tungsten-halogen TH-X300 Accessory Pack. It can be dropped into any Rifa eX 55, 66 or 88 Kit.

However, not all Rifa Kit cases can hold eXchange lampheads & fluorescent lamps. As a result, most Rifa Kits also have larger case options that allow you to add the 27w eXchange Accessory Pack, containing lamphead and LampTubes with lamps.

Rifa eXtra/Flo 80 Kits combine Rifa eX, with a FLO-X3 lamphead, 3 80w daylight color accurate fluorescent lamps, as well as a TH-X300 tungsten-halogen lamphead & lamp.

There is a selection eXchange Accessory Packs, which can be carried separately or in the custom GO-85X or TO-83X Cases. See pg 65 for all eXchange Accessory Packs & Cases.

You can retrofit an original Rifa, and upgrade it to an eX model. Then add a larger case and an Accessory Pack to build your own Rifa eXchange Kit.

Rifa eX 44 Kit



Rifa eX 44 Kit

Code: LC-94Z
Size: 23.5 x 6.25 x 6.25" (59.6 x 15.9 x 15.9 cm)
Weight: 11 lbs (5 kg)

With LB-40 Large Rifa Litebag Soft Case
Code: LC-94LBZ
Weight: 9 lbs (3.9 kg)
Room inside to add FLO-X3 27w Accessory Pak

Contains:
1 Rifa eX 44 (LC-44EX)
1 200w, 120v lamp (FVL)
1 Uni TO Stand (UN-55)
1 ViP Lampak (ViP-61)
1 V Shoulder Case (V-85)

With GO-85 Hard Case
Code: LC-945Z
Weight: 15 lbs (7 kg)
Room inside to add FLO-X3 27w Accessory Pak

Choosing a Rifa 44 eX Kit

- The Rifa eX 44 kit is the basic tungsten-halogen version, with light, Uni TO Stand, lamp & lampak, and case.
- The Rifa eX Pro 44 Kit adds a 200w focusable Pro-light for a quick & easy interview kit.

Adding Fluorescent to the Above Kits:
Both above have optional cases with room for adding a FLO-X3 27w Accessory Pack to quickly convert & use (3) 27w fluorescent lamps in the Rifa eX. See pg 65 for all eX Accessory Pack & Case options.

■ The Rifa 44 eXtra/Flo Kit comes in the GO-85 Case with a FLO-X3 lamphead, (4) 27w fluorescent lamps, & lamp tubes inside for the most versatility in a 44 eX kit. Go tungsten-halogen or convert for fluorescent use.

■ Want to build a Rifa eX 44 Kit from an original Rifa 44? User & Lowel Repair Dept retrofit kits will convert your 44 to a 44 eX. See pg. 24 for more info. Then, just add the appropriate case and Accessory Pack.

Rifa eX 44 Pro Kit



Rifa eX Pro 44 Kit

Code: LCP-944
Size: 30.75 x 8.5 x 6.5" (78.1 x 21.6 x 16.5 cm)
Weight: 18 lbs (8.2 kg)

With LB-40 Large Rifa Litebag Soft Case
Code: LCP-944LB
Weight: 16 lbs (7.3 kg)
Room inside to add FLO-X3 27w Accessory Pak

With TO-83 Hard Case
Code: LCP-9443
Weight: 23 lbs (10.5 kg)
Room inside to add FLO-X3 27w Accessory Pak

Contains:
1 Rifa eX 44 (LC-44EX)
1 200w, 120v lamp (FVL)
1 Pro-light (P2-10)
1 200w, 120v lamp (FVL)
1 Pro-light 4-way Barndoor (iP-20)

1 Uni-stands (UN-33)
1 Uni TO Stand (UN-55)
1 Pro & i Gel Frame (iP-40)
1 Pro & i Gels (iP-78)
1 Rifa 44 Daylight Gel Set (LC-47)
1 ViP Lampak (ViP-61)
1 Rifa Small Tube Case (R1-82)

Rifa 44 eXtra/Flo Kit



Rifa 44 eXtra/Flo Kit
Code: LC-94XDZ
Size: 23.75 x 13.5 x 7" (60.3 x 34.3 x 17.8 cm)
Weight: 19.5 lbs (8.9 kg)

With LB-30 Small Litebag Soft Case
Code: LC-94XDLBZ
Weight: 13.5 lbs (6.1 kg)

Contains:
1 Rifa eX 44 (LC-44EX)
1 FLO-X3 Lamphead
1 200w, 120v lamp (FVL)
4 27w, 120v Daylight Fluo Lamps (E1-27)
1 Uni TO Stand (UN-55)
1 ViP Lampak (ViP-61)
2 Small eX Fluo LampTubes (FLO-X61)
1 GO-85 Case

Rifa eX 55 Kit



Rifa eX 55 Kit
Code: LC-95Z
Size: 30.75 x 8.5 x 6.5"
 (78.1 x 21.6 x 16.5 cm)
Weight: 15 lbs (6.8 kg)

With LB-40 Large Rifa Litebag Soft Case
Code: LC-95LBZ
Weight: 12 lbs (5 kg)
 Room inside to add FLO-X3 27w, and TH-X300 Accessory Paks

Contains:
 1 Rifa eX 55 (LC-55EX)
 1 500w, 120v lamp (EHC)
 1 KS Jr. Stand (DT-33)
 1 DP Lampak (D2-61)
 1 Rifa Small Tube Case (R1-82)

With TO-83 Hard Case
Code: LC-953Z
Weight: 20 lbs (9 kg)
 Room inside to add FLO-X3 27w, and TH-X300 Accessory Paks

Rifa eX 55 Pro Kit



Rifa eX Pro 55 Kit
Code: LCP-955
Size: 30.75 x 8.5 x 6.5"
 (78.1 x 21.6 x 16.5 cm)
Weight: 21 lbs (9.5 kg)

With LB-40 Large Rifa Litebag Soft Case
Code: LCP-955LB
Weight: 18 lbs (8 kg)
 Room inside to add FLO-X3 27w, and TH-X300 Accessory Paks

With TO-83 Hard Case
Code: LCP-9553
Weight: 26 lbs (12 kg)
 Room inside to add FLO-X3 27w, and TH-X300 Accessory Paks

Contains:
 1 Rifa eX 55 (LC-55EX)
 1 500w, 120v lamp (EHC)
 1 Pro-light (P2-10)
 1 200w, 120v lamp (FVL)
 1 Pro-light 4-way Barndoor (iP-20)

1 Pro & i Gel Frame (iP-40)
 1 Pro & i Gels (iP-78)
 1 Rifa 55 Daylight Gel Set (LC-57)
 1 KS Jr. Stand (DT-33)
 1 Uni-stand (UN-33)
 1 VIP Lampak (ViP-64)
 1 DP/Rifa Lampak (D2-61)
 1 Rifa Small Tube Case (R1-82)

Choosing a Rifa 55 eX Kit

■ **The Rifa eX 55 kit** is the basic tungsten-halogen version, with light, KS Jr. Stand, lamp & lampak, and case. There's also room for a lower wattage TH-X300 tungsten-halogen Accessory Pack (see pg 21).

■ **The Rifa eX Pro 55 Kit** adds a 200w focusable Pro-light for a quick & easy interview kit.

Adding Fluorescent to the Above Kits:

Both kits above have optional cases with room for adding a FLO-X3 27w Accessory Pak, to quickly convert & use (3) 27w fluorescent lamps in the Rifa eX. See pg 65 for all eX Accessory Pack & Case options, including higher wattage 65 & 80w Packs.

■ **The Rifa 55 eXtra/Flo 80 Kit** comes in the TO-84Z Case with a FLO-X3 lamphead, (3) 80w fluorescent lamps & lamptubes, THX-X300 lamphead, 200w lamp & lampak added for most versatility in a 55 eX kit. Light with a range of tungsten-halogen or fluorescent lamps.

■ **Want to build a Rifa eX 55 Kit from an original Rifa 55?**

User & Lowel Repair Dept retrofit kits will convert your 55 to a 55 eX. See pg. 24 for more info. Then, just add the appropriate case and Accessory Pack.

Rifa 55 eXtra/Flo 80w Kit



Rifa 55 eXtra/Flo 80 Kit
Code: LC-95X80DZ
Size: Size: 29.5 x 17.6 x 7"
 (74.9 x 43.2 x 17.8 cm)
Weight: 30 lbs (13.6 kg)

With LB-35 Large Litebag Soft Case
Code: LC-95X80DLBZ
Weight: 20.5 lbs (9.3 kg)

Contains:
 1 Rifa eX 55 (LC-55EX)
 1 FLO-X3 Lamphead
 1 TH-X300 Lamphead
 1 500w, 120v lamp (EHC)
 3 80w, 120v Daylight Fluo lamps (E1-80)
 1 200w, 120v lamp (FVL)
 1 KS Jr. Stand (DT-33)
 3 80w Lamptubes (FLO-X63)

1 DP Lampak (D2-61)
 1 VIP Lampak (ViP-61)
 1 TO-84 Case (TO-84Z)



Rifa eX 66 Kit



Rifa eX 66 Kit

Code: LC-96Z
Size: 37.75 x 8.5 x 6.5"
 (95.9 x 21.6 x 16.5 cm)
Weight: 17 lbs (7.7 kg)

With LB-40 Large Rifa Litebag Soft Case
Code: LC-96LBZ
Weight: 13 lbs (5.9 kg)

Contains:

- 1 Rifa eX 66 (LC-66EX)
- 1 750w, 120v lamp (EHF)
- 1 KS Jr. Stand (DT-33)
- 1 DP Lampak (D2-61)
- 1 Rifa Large Tube Case (R1-83)

With TO-83

Hard Case
Code: LC-963Z
Weight: 21.5 lbs (10 kg)
 Room inside to add FLO-X3 27w & TH-X300 Accessory Paks

Rifa eX 66 Pro Kit



Rifa eX Pro 66 Kit

Code: LCP-966
Size: 37.75 x 8.5 x 6.5"
 (95.9 x 21.6 x 16.5 cm)
Weight: 23 lbs (10.5 kg)

With LB-40 Large Rifa Litebag Soft Case
Code: LCP-966LB
Weight: 19 lbs (8.6 kg)
 Room inside to add FLO-X3 27w & TH-X300 Accessory Paks

With TO-83

Hard Case
Code: LCP-9663
Weight: 27.5 lbs (12.5 kg)
 Room inside to add FLO-X3 & TH-X300 Accessory Paks

Contains:

- 1 Rifa eX 66 (LC-66EX)
- 1 750w, 120v lamp (EHF)
- 1 Pro-light (P2-10)
- 1 200w, 120v lamp (FVL)

- 1 Pro-light 4-way Barndoor (IP-20)
- 1 Pro & i Gel Frame, (iP-40)
- 1 KS Jr. Stand (DT-33)
- 1 Uni-stand (UN-33)
- 1 Pro & i Gels (iP-78)
- 1 Rifa 66 Daylight Gel Set (LC-67)
- 1 ViP Lampak (ViP-61)
- 1 DP/Rifa lampak (D2-61)
- 1 Rifa Large Tube Case (R1-83)

Choosing a Rifa 66 eX Kit

■ **The original Rifa eX 66 kit** is the basic tungsten-halogen version, with light, KS Jr. Stand, lamp & lampak, and case. There's also room for a lower wattage TH-X300 tungsten-halogen Accessory Pack (see pg. 22)

■ **The Rifa eX Pro 66 Kit** adds a 200w focusable Pro-light for a quick & easy interview kit.

Adding Fluorescent to the Above Kits:

Both kits have optional cases with room for adding a FLO-X3 27w Accessory Pak, to quickly convert & use (3) 27w fluorescent lamps in the Rifa eX. See pg 65 for all eX Accessory Pack & Case options, including higher wattage 65 & 80w Packs.

■ **The Rifa 66 eXtra/Flo 80 Kit** comes in the TO-84 Case with a FLO-X3 lamphead, 80w fluorescent lamps & lamptubes, THX-X300 lamphead, 200w lamp & lampak added inside for most versatility in a 66 eX kit. Light with a range of tungsten-halogen or fluorescent lamps.

■ **Want to build a Rifa eX 66 Kit from an original Rifa 66?** User & Lowel Repair Dept retrofit kits will convert your 66 to a 66 eX. See pg. 24 for more info. Then, just add the appropriate case and Accessory Pack.

Rifa 66 eXtra/Flo 80 Kit



Rifa 66 eXtra/Flo 80 Kit

Code: LC-96X80DZ
Size: Size: 29.5 x 17.6 x 7"
 (74.9 x 43.2 x 17.8 cm)
Weight: 31.5 lbs (14.3 kg)

With LB-35 Large Litebag Soft Case
Code: LC-96X80DLBZ
Weight: 22 lbs (10 kg)

Contains:

- 1 Rifa eX 66 (LC-66EX)
- 1 FLO-X3 Lamphead
- 1 TH-X300 Lamphead
- 1 750w, 120v lamp (EHF)
- 3 80w, 120v Daylight Fluoro lamps (E1-80)
- 1 KS Jr. Stand (DT-33)
- 3 80w Lamptubes (FLO-X63)
- 1 DP Lampak (D2-61)

- 1 ViP Lampak (ViP-61)
- 1 TO-84 Case (TO-84Z)

Rifa eX 88 Kit



Rifa eX 88 Kit

Code: LC-98Z
Size: 37.75 x 8.5 x 6.5"
 (95.9 x 21.6 x 16.5 cm)
Weight: 18 lbs (8.2 kg)

Contains:

- 1 Rifa eX 88 (LC-88EX)
- 1 1000w, 120v lamp (FEL)
- 1 KS Stand (KS)
- 1 DP Lampak (D2-61)
- 1 Rifa Large Tube Case (R1-83)

With LB-40 Large Rifa Litebag Soft Case
Code: LC-98LBZ

Weight: 14 lbs (6.4 kg)
 Room inside to add FLO-X3
 27w & TH-X300 Accessory Paks

With MCSER Hard Case
Code: LC-98MZ

Weight: 29 lbs (13 kg)
 Room inside to add FLO-X3
 27w & TH-X300 Accessory Paks,
 plus (3) 65w lamps in Lamptubes

Rifa eX 88 Pro Kit



Rifa eX Pro 88 Kit

Code: LCP-988
Size: 37.75 x 8.5 x 6.5"
 (95.9 x 21.6 x 16.5 cm)
Weight: 24 lbs (11 kg)

With LB-40 Large Rifa Litebag Soft Case
Code: LCP-988LB

Weight: 20 lbs (9.1 kg)
 Room inside to add FLO-X3
 27w & TH-X300 Accessory Paks
 (snug fit)

With MCSER Hard Case
Code: LCP-988M

Weight: 35 lbs (16 kg)
 Room inside to add FLO-X3
 27w & TH-X300 Accessory Paks,
 plus (3) 65w lamps in Lamptubes

Contains:

- 1 Rifa eX 88 (LC-88EX)
- 1 1000w, 120v lamp (FEL)
- 1 Pro-light (P2-10)
- 1 200w, 120v lamp (FVL)

- 1 Pro-light 4-way Barndoor (IP-20)
- 1 Pro & i Gel Frame (iP-40)
- 1 KS Stand (KS)
- 1 Uni-stand (UN-33)
- 1 Pro & i Gels (iP-78)
- 1 Rifa 88 Daylight Gel Set (LC-87)
- 1 ViP Lampak (ViP-61)
- 1 DP/Rifa Lampak (D2-61)
- 1 Rifa Large Tube Case (R1-83)

Choosing a Rifa 88 eX Kit

■ The original Rifa eX 88 kit is the basic tungsten-halogen version, with light, KS Stand, lamp & lampak, and case. There's also room for a lower wattage TH-X300 tungsten-halogen Accessory Pack (see pg. 23)

■ The Rifa eX Pro 88 Kit adds a 200w focusable Pro-light for a quick & easy interview kit.

Adding Fluorescent to the Above Kits:

Both kits have an optional MCSER Case with room for adding 3 lamp FLO-X3 Accessory Packs in 27, 65 or 80w strengths. Accessory Packs quickly convert & use fluorescent in the Rifa eX. See pg 65.

■ The Rifa 88 eXtra/Flo 80 Kit comes in the R1-83 Case with a FLO-X3 lamphead, (3) 80w fluorescent lamps, & lamptubes, TH-X300 lamphead, 200w lamp & lampak added inside for most versatility in an 88 eX kit. Light with a range of tungsten-halogen lamps or convert for fluorescent use. Its MCSER case option has room for more spacious packing and can accommodate the larger 65w fluorescent lamps in lamptubes. See pg. 25 for lamp performance info.

■ Want to build a Rifa eX 88 Kit from an original Rifa 88? User & Lowel Repair Dept retrofit kits will convert your 88 to an 88 eX. See pg. 24 for more info. Then, just add a case and your choice of Accessory Packs.

Rifa 88 eXtra/Flo 80 Kit



Rifa 88 eXtra/Flo 80 Kit

Code: LC-98X80DZ
Size: 37.75 x 8.5 x 6.5"
 (95.9 x 21.6 x 16.5 cm)
Weight: 24.5 lbs (11.1 kg)

With LB-40 Large Rifa Litebag Soft Case
Code: LC-98X80DLBZ
Weight: 17.5 lbs (8 kg)

With MCSER Hard Case
Code: LC-98X80DMZ

Weight: 35.5 lbs (16 kg)
 Extra room inside kit to hold
 65w fluorescent lamps in
 Lamptubes

Contains:

- 1 Rifa eX 88 (LC-88EX)
- 1 FLO-X3 Lamphead
- 1 TH-X300 Lamphead

- 1 1000w, 120v lamp (FEL)
- 3 80w, 120v Daylight Fluo lamps (E1-80)
- 1 200w, 120v lamp (FVL)
- 1 KS Stand (KS)
- 3 80w Lamptubes (FLO-X63)
- 1 DP Lampak (D2-61)
- 1 ViP Lampak (ViP-61)
- 1 Rifa Large Tube Case (R1-83)



Rifa eX All Soft Kits

For those who want soft key, along with soft fill & soft back light, with quick setup, compact storage

& beautiful output, the Lowel All Soft Kits are the answer. Choose from 2 kits, each containing

3 collapsible Rifa's; either 200, 500 & 750w, or 500, 750 & 1000w with lamps & stands.



Rifa eX Small Triple Soft Kit

Code: LC-94564
Size: 29.5 x 17 x 7"
 (74.9 x 43.2 x 17.8 cm)
Weight: 37.5 lbs (17 kg)

With TO-83 Hard Case
Code: LC-94563
Size: 29.5 x 13 x 7"
 (74.9 x 33 x 17.8 cm)
Weight: 34 lbs (15.5 kg)

With LB-35 Litebag Soft Case
Code: LC-9456LB
Weight: 28 lbs (12.8 kg)

- Contains:**
- 1 Rifa eX 66 (LC-66EX)
 - 1 750w, 120v lamp (EHF)
 - 1 Rifa eX 55 (LC-55EX)
 - 1 500w, 120v lamp (EHC)
 - 1 Rifa eX 44 (LC-44EX)
 - 1 200w, 120v lamp (FVL)
 - 2 KS Jr. Stands (DT-33)
 - 1 Uni TO Stand (UN-55)
 - 1 DP/Rifa Lampak (D2-61)
 - 1 Tota/Omni Case (TO-84Z)

Rifa eX Big Triple Soft Kit

Code: LC-9568
Size: 37.5 x 17.75 x 9"
 (95.3 x 45.1 x 22.9 cm)
Weight: 47 lbs (21.4 kg)

- Contains:**
- 1 Rifa eX 88 (LC-88EX)
 - 1 1000w, 120v lamp (FEL)
 - 1 Rifa eX 66 (LC-66EX)
 - 1 750w, 120v lamp (EHF)
 - 1 Rifa eX 55 (LC-55EX)
 - 1 500w, 120v lamp (EHC)
 - 1 KS Stand (KS)
 - 2 KS Jr. Stands (DT-33)
 - 1 DP/Rifa Lampak (D2-61)
 - 1 Rifa Multi Case (MCSER)



Accessory Packs to Build Accessory Kits

Using eXchange Accessory Packs to Build Accessory Kits For Rifa eX & SoftCore Systems

The versatility of the Lowel eXchange System is reflected in these Accessory Packs, combining

interchangeable screw-threaded lampheads that can swap via a quick push & twist, with different strength fluorescent lamps. This brings fluorescent options to the tungsten-halogen based Rifa eX system, and variable output power options to the SoftCore System.

Lampheads with more than one socket have separate switches. The Accessory Packs can be added to your own equipment cases or packed into the below listed Lowel Cases for Accessory Kits to carry along with your Rifa eX or SoftCore Kit.

Special Case Options

Hard Case Options

These special X-Series hard cases have the rigid lengthwise partition, normally used to separate stands from lights, removed to allow better packing of eXchange heads & fluorescent lamps in lamptubes.

They come with partitions to divide the case up as needed to hold eX Accessory Packs.

See Cases section for the complete Lowel Case line. pp. 48-53.

Tota/Omni 83X Case



Code: TO-83X
Size: 29.5 x 13 x 7" (74.9 x 33 x 17.8 cm)
Weight: 11.5 lbs (5.2 kg)
 With velcro partitions and padded shoulder strap (SS-10), can accept all of the below eXchange Accessory Packs, with room for additional accessories.

GO 85X Case

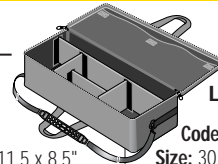


Code: GO-85X
Size: 23.75 x 13.5 x 7" (60.3 x 34.3 x 17.8 cm)
Weight: 10.3 lbs (4.7 kg)
 With velcro partitions and padded shoulder strap (SS-10).

Carries eXchange Accessory Packs, except for the following:
 FLO-X5 65w Accessory Pack
 Code: FLO-X565DP
 FLO-X5 80w Accessory Pack
 Codes: FLO-X580DP, FLO-X580DPE

Large Litebag

Code: LB-35
Size: 30.5 x 11.5 x 8.5" (77.5 x 29.2 x 21.6 cm)
Weight: 5.7 lbs (2.6 kg)
 With velcro partitions and padded shoulder strap (SS-10), can accept eXchange Accessory Packs.



Small Litebag

Code: LB-30
Size: 30.5 x 11.5 x 8.5" (77.5 x 29.2 x 21.6 cm)
Weight: 5.7 lbs (2.6 kg)
 With velcro partitions and padded shoulder strap (SS-10).

Carries eXchange Accessory Packs, except for the following:
 FLO-X5 65w Accessory Pack
 Code: FLO-X565DP
 FLO-X5 80w Accessory Pack
 Codes: FLO-X580DP, FLO-X580DPE

Soft Case Options

Slim Litebag

Code: LB-24
Size: 23 x 9 x 6" (58 x 23 x 15 cm)
Weight: 3.5 lbs (1.6 kg)
 New Litebag, more compact than Small Litebag (LB-30). Polyester with vinyl coated backing. Supplied with velcro partitions, and padded shoulder strap (SS-10).

Carries eXchange Accessory Packs, except for the following:
 FLO-X5 65w Accessory Pack
 Code: FLO-X565DP
 FLO-X5 80w Accessory Pack
 Codes: FLO-X580DP, FLO-X580DPE

eXchange Accessory Packs

eXchange Fluorescent Lampheads



3 Lamp FLO-X3



1 Lamp FLO-X1



5 Lamp FLO-X5

Screw-thread Fluorescent Lamps & Lamptubes



80w Daylight Lamp (120 & 240v) and Tube



65w Daylight Lamp (120v only) and Tube



27w Daylight Lamps (120 & 240v) and Tube

FLO-X3 Accessory Packs

FLO-X3 27w Accessory Pack

For all Rifa eX models and SoftCore with most conventional softboxes.

Code (120v): FLO-X327DP, Code (240v): FLO-X327DPE

Weight: 4.5 lbs (2 kg)

1 FLO-X3 Lamphead: 4 27w, 120v Daylight Fluo lamps (E1-27); 2 27w Lamptubes (FLO-X61)

(240v ver. has E1-27E 25w Daylight Fluo lamps)

FLO-X3 65w Accessory Pack

For Rifa eX 55, 66, & 88, and SoftCore with Medium/Large conventional softboxes.

Code: FLO-X365DP

Weight: 6.5 lbs (3 kg)

1 FLO-X3 Lamphead: 3 65w, 120v Daylight Fluo lamps (X1-65); 3 65w Lamptubes (FLO-X62)

FLO-X3 80w Accessory Pack

For Rifa eX 55, 66, & 88, and SoftCore with Medium/Large conventional softboxes.

Code: FLO-X380DP, Code (240v): FLO-X380DPE

Weight: 7 lbs (3.2 kg)

1 FLO-X3 Lamphead: 3 80w, 120v Daylight Fluo lamps (E1-80); 3 80w Lamptubes (FLO-X63)

(240v ver. has E1-80E 80w Daylight Fluo lamps)

FLO-X1 Accessory Packs

FLO-X1 27w Accessory Pack

For all Rifa eX models and SoftCore with most conventional softboxes.

Code (120v): FLO-X127DP, Code (240v): FLO-X127DPE

Weight: 1.5 lbs (.7 kg)

1 FLO-X1 Lamphead: 2 27w 120v Daylight Fluo lamps (E1-27); 1 27w Fluo Lamptube (FLO-X61)

(240v ver. has E1-27E 25w Daylight Fluo lamps)

FLO-X1 65w Accessory Pack

For Rifa eX 66 & 88, and SoftCore with Medium/Large conventional softboxes.

Code: FLO-X165DP

Weight: 2 lbs (1 kg)

1 FLO-X1 Lamphead: 1 65w 120v Daylight Fluo lamp (X1-65); 1 65w Lamptube (FLO-X62)

(There is no 240v version.)

FLO-X1 80w Accessory Pack

For Rifa eX 66, & 88, and SoftCore with Medium/Large conventional softboxes.

Code (120v): FLO-X180DP, Code (240v): FLO-X180DPE

Weight: 2.5 lbs (1.1 kg)

1 FLO-X1 Lamphead: 2 80w 120v Daylight Fluo lamps (E1-80); 1 80w Lamptube (FLO-X63)

(240v ver. has E1-80E 80w Daylight Fluo lamps)

FLO-X5 Accessory Packs

FLO-X5 27w Accessory Pack

For Rifa eX 66, & 88, and SoftCore with most conventional softboxes.

Code (120v): FLO-X527DP, Code (240v): FLO-X527DPE

Weight: 10.5 lbs (4.8 kg)

1 FLO-X5 Lamphead: 6 27w, 120v Daylight Fluo lamps (E1-27); 3 Small eX Lamptubes (FLO-X61)

(240v ver. has E1-27E 25w Daylight Fluo lamps)

FLO-X5 65w Accessory Pack

For Rifa eX 88, and SoftCore with Large softboxes (plus suitable stand and counter balance weight).

Code: FLO-X565DP

Weight: 9.75 lbs (4.5 kg)

1 FLO-X5 Lamphead: 5 65w, 120v Daylight Fluo lamp (X1-65); 5 65w Lamptubes (FLO-X62)

FLO-X5 80w Accessory Pack

For Rifa eX 88, and SoftCore with Large softboxes (with suitable stand and counter balance weight.)

Code (120v): FLO-X580DP, Code (240v): FLO-X580DPE

Weight: 12.75 lbs (5.8 kg)

1 FLO-X5 Lamphead: 5 80w, 120v Daylight Fluo lamps (E1-80); 5 80w Lamptubes (FLO-X63)

(240v ver. has E1-80E 80w Daylight Fluo lamps)



These classic Lowel workhorse kits have continually been among our most popular. Tota Kits feature the 180° broad throw Tota which quickly converts to soft key or fill by using a reflective umbrella. Omni Kits feature the 500w focusable Omni, with & without accessories. Tota/Omni Kits feature varying combinations of Totas, Omni's, with accessories. Check the Tota/Omni System Plus Kits for Core Kits that add a quick set-up Rifa eX soft light and accessories for added versatility. All Tota/Omni Kits come with lamps.

Tota-light Kits



TO GO 95 Kit

Code: GO-95Z
Size: 23.75 x 13.5 x 7"
 (60.3 x 34.3 x 17.8 cm)
Weight: 22 lbs (10 kg)

With T1-82 Tube

Case
Code: GO-952Z
Size: 30.75 x 8.5 x 6.5"
 (78.1 x 21.6 x 6.5 cm)
Weight: 19 lbs (8.6 kg)

With LB-30 Soft Case

Code: GO-95LBZ
Size: 23 x 10.5 x 6.75"
 (58.4 x 26.7 x 17.2 cm)
Weight: 16 lbs (7.2 kg)

Contains:

- 2 Tota-lights (T1-10)
- 2 750w, 120v lamps (EMD)
- 2 Uni TO Stands (UN-55)
- 1 Tota-brella (T1-25)
- 1 Tota-frame (T1-20)
- 1 Assorted Gels (T1-78)
- 1 Tota Lampak (T1-61)
- 1 GO-85 Case



Trans-kit

Code: T1-923Z
Size: 29.5 x 13 x 7"
 (74.9 x 33 x 17.8 cm)
Weight: 29 lbs (13.2 kg)

With LB-35 Soft Case

Code: T1-923LBZ
Size: 30.5 x 11.5 x 8.5"
 (77.5 x 29.2 x 21.6 cm)
Weight: 23.25 lbs (10.6 kg)

Contains:

- 3 Tota-lights (T1-10)
- 3 750w, 120v lamps (EMD)
- 3 Omni-stands (O1-33)
- 3 Tota-brellas (T1-25)
- 1 Tota Lampak (T1-61)
- 1 Tota/Omni Case (TO-83)

Omni-light Kits

Omni 3 Kit

Code: O1-93Z
Size: 29.5 x 17 x 7"
 (74.9 x 43.2 x 17.8 cm)
Weight: 37 lbs (16.8 kg)

With LB-35 Soft Case

Code: O1-93LBZ
Size: 30.5 x 11.5 x 8.5"
 (77.5 x 29.2 x 21.6 cm)
Weight: 31 lbs (14.2 kg)

Contains:

- 3 Omni-lights, (O1-10)
- 3 500w, 120v lamps (FTK)
- 3 Omni-stands (O1-33)
- 3 Omni-Barndoors (O1-20)
- 2 Full Scrims (O1-54)
- 1 Half Scrim (O1-55)
- 1 Tota-brella (T1-25)
- 3 Tota-frames, T1-20)
- 2 Assorted Gels (T1-78)
- 1 Tota-mount (T1-32)
- 1 Tota-clamp (T1-30)
- 1 12-yard roll Gaffer-tape (GT-12)
- 1 Omni Lampak (O1-61)
- 1 Tota/Omni Case (TO-84Z)



TO GO 96 Kit

Code: GO-96Z
Size: 23.75 x 13.50 x 7"
 (60.3 x 34.3 x 17.8 cm)
Weight: 24 lbs (10.7 kg)

With LB-30 Soft Case

Code: GO-96LBZ
Size: 23 x 10.5 x 6.75"
 (58.4 x 26.7 x 17.2 cm)
Weight: 17.75 lbs (8 kg)

Contains:

- 2 Omni-lights (O1-10)
- 2 Omni Barndoors (O1-20)
- 2 500w, 120v lamps (FTK)
- 1 Tota-frame (T1-20)
- 1 Assorted Gels (T1-78)
- 1 Tota-brella (T1-25)
- 2 Uni TO Stands (UN-55)
- 1 Omni Lampak (O1-61)
- 1 GO-85 Case

Tota/Omni Kits



- 2 #3 Superspot Reflectors (01-17)
- 5 Omni-stands (01-33)
- 4 Omni Barndoors (01-20)
- 2 Diffused Glass (01-50)
- 2 Full Scrim (01-54),
- 2 Half Scrim (01-55),
- 1 Graduated Scrim (01-56)
- 1 Cookaloris (01-57)
- 3 Tota-brellas (T1-25)
- 6 Tota-frames (T1-20)
- 3 Assorted Gels (T1-78)
- 1 Lightflector with Tilter (LFT)
- 4 Tota-flags (T1-52)
- 1 Tota-flector (T1-54)
- 4 Flexi-shafts (2 pks) (T1-50)
- 1 Tota-mount (T1-32)
- 2 Tota-clamps (T1-30)
- 1 Large Space Clamp (SC-10)
- 2 Tota-talchs (T1-34)
- 2 Scissor-mounts (CM-20)
- 1 12-yard roll Gaffer-tape (GT-12)
- 2 Screw-in Studs 1 pkg (LSS)
- 2 Tota/Omni Lampaks (T0-61)
- 1 Omni Case (01-86Z)



Solo Kit

Code: TO-96Z
Size: 29.5 x 17 x 9.75"
 (74.9 x 43.2 x 24.8 cm)
Weight: 65 lbs (29.5 kg)

Contains:

- 2 Tota-lights (T1-10)
- 2 750w, 120v lamps (EMD)
- 4 Omni-lights (01-10)
- 4 500w, 120v lamps (FTK)

Omni-light Kits



Action Kit

Code: 01-92Z
Size: 29.5 x 17 x 7"
 (74.9 x 43.2 x 17.8 cm)
Weight: 33 lbs (15 kg)

With TO 83 Case

Code: 01-923Z
Size: 29.5 x 13 x 7"
 (74.9 x 33 x 17.8 cm)
Weight: 30 lbs (13.4 kg)

With LB-35 Soft Case
Code: 01-92LBZ

Size: 30.5 x 11.5 x 8.5"
 (77.5 x 29.2 x 21.6 cm)
Weight: 24 lbs (10.8 kg)

Contains:

- 3 Omni-lights (01-10)
- 3 500w, 120v lamps (FTK)
- 3 Omni-stands (01-33)
- 3 Omni Barndoors (01-20)
- 1 Omni Lampak (01-61)
- 1 Tota/Omni Case (T0-84Z)



Omni 4 Kit

Code: 01-95Z
Size: 29.5 x 17 x 9.75"
 (74.9 x 43.2 x 24.8 cm)
Weight: 43 lbs (19.5 kg)

With TO 83 Case

Code: 01-953Z
Size: 29.5 x 13 x 7"
 (74.9 x 33 x 17.8 cm)
Weight: 37 lbs (16.8 kg)

Contains:

- 4 Omni-lights (01-10)
- 4 500w, 120v lamps (FTK)
- 4 Omni-stands (01-33)
- 4 Omni Barndoors (01-20)
- 1 Omni Lampak (01-61)
- 1 Omni Case (01-86Z)

TO GO 97 Kit

Code: GO-97Z
Size: 23.75 x 13.50 x 7"
 (60.3 x 34.3 x 17.8 cm)
Weight: 28 lbs (12.7 kg)

With LB-30 Soft Case

Code: GO-97LBZ
Size: 23 x 10.5 x 6.75"
 (58.4 x 26.7 x 17.2 cm)
Weight: 22 lbs (10 kg)

Contains:

- 2 Tota-lights (T1-10)
- 2 750w, 120v lamps (EMD)
- 1 Omni-light (01-10)
- 1 Omni Barndoor (01-20)
- 2 500w, 120v lamps (FTK)
- 1 Tota-frame (T1-20)
- 1 Assorted Gels (T1-78)
- 1 Tota-brella (T1-25)
- 1 Omni Full Scrim (01-54)
- 3 Uni TO Stands (UN-55)
- 1 Tota/Omni Lampak (T0-61)
- 1 GO-85 Case



Tota/Omni Kits



TO GO 98 Kit

Code: GO-98Z

Size: 23.75 x 13.50 x 7"
(60.3 x 34.3 x 17.8 cm)

Weight: 29 lbs (13.2 kg)

With LB-30 Soft Case

Code: GO-98LBZ

Size: 23 x 10.5 x 6.75"
(58.4 x 26.7 x 17.2 cm)

Weight: 23 lbs (10.5 kg)

Contains:

- 2 Omni-lights (01-10)
- 2 Omni Barndoors (01-20)
- 2 500w, 120v lamps (FTK)
- 1 Tota-light (T1-10)
- 1 750w, 120v lamp (EMD)
- 2 Tota-frames (T1-20)
- 1 Assorted Gels (T1-78)
- 1 Tota-brella (T1-25)
- 1 Omni Full Scrim (01-54)
- 1 Omni Diffused Glass (01-50)
- 3 Uni TO Stands (UN-55)
- 1 Tota/Omni Lampak (T0-61)
- 1 GO-85 Case (GO-85)



Elemental Kit

Code: TO-983Z

Size: 29.5 x 13 x 7"
(74.9 x 33 x 17.8 cm)

Weight: 31 lbs (14.1 kg)

With LB-35 Soft Case

Code: TO-98LBZ

Size: 30.5 x 11.5 x 8.5"
(77.5 x 29.2 x 21.6 cm)

Weight: 25 lbs (11.5 kg)

Contains:

- 1 Tota-light, (T1-10)
- 1 750w, 120v lamp (EMD)
- 2 Omni-lights, (01-10)
- 2 500w, 120v lamp (FTK)
- 3 Omni-stands (01-33)
- 2 Omni Barndoors (01-20)
- 1 Full Scrim (01-54)
- 1 Omni Diffused Glass (01-50)
- 1 Tota-brella (T1-25)
- 2 Tota-frames (T1-20)
- 1 Assorted Gels (T1-78)
- 1 Tota/Omni Lampak (T0-61)
- 1 Tota/Omni Case (T0-83)

Tota/Omni System Plus Kits

Combining the focusing ability of the Omni-light and the broad throw of the Tota-light with the quick set-up Rifa eX soft source, has created the Tota/Omni Core Kits.

There are now 2 to choose from, with either 250w Rifa eX 44, or 500w Rifa eX55. Both have also been enhanced with added light control & mounting accessories, plus they now come with lamps.

Tota/Omni Core 44 Kit

Code: TOR-943

Size: 29.5 x 13 x 7"
(74.9 x 33 x 17.8 cm)

Weight: 31 lbs (14.2 kg)

With LB-35 Soft Case

Code: TOR-94LB

Size: 30.5 x 11.5 x 8.5"
(77.5 x 29.2 x 21.6 cm)

Weight: 24 lbs (10.9 kg)

Contains:

- 1 Tota-light (T1-10),
- 1 750w, 120v lamp (EMD)
- 1 Omni-light (01-10)
- 1 Omni Barndoor (01-20)
- 1 500w, 120v lamp (FTK)

- 1 Rifa eX 44 (LC-44EX)
- 1 200w, 120v lamp (FVL)
- 3 Uni TO Stands (UN-55)
- 1 Tota Frame (T1-20)
- 1 Tota-brella (T1-25)
- 1 Assorted Gels (T1-78)
- 1 Tota-clamp (T1-30)
- 1 Tota-mount (T1-32)
- 1 Omni Diffused Glass (01-50)
- 2 Tota-shades (T1-21)
- 1 Tota/Omni Lampak (T0-61)
- 1 ViP Lampak (ViP-61)
- 1 TO-83 Case (TO-83)



Tota/Omni Kits



Basically 3 Kit

Code: TO-973Z
Size: 29.5 x 13 x 7"
 (74.9 x 33 x 17.8 cm)
Weight: 30 lbs (13.6 kg)

With LB-35 Soft Case
Code: TO-973LBZ
Size: 30.5 x 11.5 x 8.5"
 (77.5 x 29.2 x 21.6 cm)
Weight: 24 lbs (11 kg)

- Contains:**
- 2 Tota-lights (T1-10)
 - 2 750w, 120v lamps (EMD)
 - 1 Omni-light (01-10)
 - 1 500w, 120v lamp (FTK)
 - 3 Omni-stands (01-33)
 - 1 Omni Barndoor (01-20)
 - 1 Full Scrim (01-54)
 - 2 Tota-brellas (T1-25)
 - 1 Tota-frame (T1-20)
 - 1 Assorted Gels (T1-78)
 - 1 Tota/Omni Lampak (TO-61)
 - 1 Tota/Omni Case (TO-83)



Ambi Kit*

Code: TO-95Z
Size: 29.5 x 17 x 7"
 (74.9 x 43.2 x 17.8 cm)
Weight: 43 lbs (19.5 kg)

*also available—Super Ambi Kit. See page 51

- Contains:**
- 2 Tota-lights (T1-10)
 - 2 750w, 120v lamps (EMD)
 - 2 Omni-lights (01-10)
 - 2 500w, 120v lamps (FTK)
 - 4 Omni stands (01-33)
 - 2 Omni Barndoors (01-20)
 - 2 Full Scrim (01-54)
 - 1 Half Scrim (01-55)
 - 2 Tota-brellas (T1-25)
 - 4 Tota-frames (T1-20)
 - 2 Assorted Gels (T1-78)
 - 2 Tota-flags (T1-52)
 - 1 Tota-flector (T1-54)
 - 4 Flexi-shafts 2 pkgs (T1-50)
 - 1 Tota-tatch (T1-34)
 - 1 Tota-mount (T1-32)
 - 2 Tota-clamps (T1-30)
 - 1 12-yard roll Gaffer-tape (GT-12)
 - 2 Tota/Omni Lampaks (TO-61)
 - 1 Tota/Omni Case (TO-84Z)

Tota/Omni System Plus Kits



Tota/Omni Core 55 Kit

Code: TOR-95Z
Size: 29.5 x 13 x 7"
 (74.9 x 33 x 17.8 cm)
Weight: 34 lbs (15.5 kg)

With LB-35 Soft Case
Code: TOR-95LBZ
Size: 30.5 x 11.5 x 8.5"
 (77.5 x 29.2 x 21.6 cm)
Weight: 28 lbs (12.8 kg)

- Contains:**
- 1 Tota-light (T1-10)
 - 1 750w, 120v lamp (EMD)
 - 1 Omni-light (01-10)
 - 1 Omni Barndoor (01-20)
 - 1 500w, 120v lamp (FTK)
 - 1 Rifa eX 55 (LC-55EX)
 - 1 500w, 120v lamp (EHC)
 - 1 Omni Diffuse Glass (01-52)
 - 1 T/O Assorted Gels (T1-78)
 - 2 Omni-stands (01-33)
 - 1 KS Jr. Stand (DT-33)
 - 1 Tota Frame (T1-20)
 - 2 Tota-shades (T1-21)
 - 1 Tota-brella (T1-25)
 - 1 Tota-clamp (T1-30)
 - 1 Tota-mount (T1-32)
 - 1 Tota/Omni Lampak (TO-61)
 - 1 DP/Rifa Lampak (D2-61)
 - 1 Tota/Omni 83 Case (TO-83)



ViP Kits

Lightweight and easy to carry, these popular kits have varying combinations of Pro & V-lights, plus lamps & accessories.

We have updated many ViP & ViP GO Kits, merging them into the combinations presented here. We have also added light controls & mounting accessories to many of the kits to increase their versatility & value.

The smaller kits come with the V-85 or ViP-86 Shoulder Cases, which can be carried in-hand or over-the-shoulder. Their "telescoping" removable lid makes the case expandable.

The majority of the kits come in the GO-85 Case, with its movable velcro partitions for custom kit arrangement. Kits in this case can travel as "carry-on" baggage. Most also come with an air-cushioned carry strap.

All kits have a Litebag soft case option, with movable velcro partitions, as a lightweight cost effective alternative.

If you're looking for even more in a ViP Kit, see the ViP System Plus Kits at the end of this section, which add lights from other Lowel Systems.



GO Easy V Kit

Code: V1-90UZ
Size: 23.5 x 6.25 x 6.25"
(59.6 x 15.9 x 15.9 cm)
Weight: 14 lbs (6.4 kg)

With GO-85 Case
Code: V1-90U5Z

Size: 23.75 x 13.5 x 7"
(60.3 x 34.3 x 17.8 cm)
Weight: 19.5 lbs (9 kg)

With LB-30 Soft Case
Code: V1-90ULBZ
Size: 23 x 10.5 x 6.75"
(58.4 x 26.7 x 17.2 cm)
Weight: 13.5 lbs (6.1 kg)

- Contains:**
- 2 V-lights (V1-10)
 - 2 500w, 120v lamps (GDA)
 - 2 Uni-stands (UN-33)
 - 1 Tota-brella (T1-25)
 - 1 Tota-frame (T1-20)
 - 1 Assorted Tota Gels (T1-78)
 - 1 ViP Lampak (ViP-61)
 - 1 ViP Shoulder Case (V-85)

GO Intro-kit

Code: VP-98UZ
Size: 23.75 x 13.5 x 7"
(60.3 x 34.3 x 17.8 cm)
Weight: 28 lbs (12.7 kg)

With LB-30 Soft Case
Code: VP-98ULBZ
Size: 23 x 10.5 x 6.75"
(58.4 x 26.7 x 17.2 cm)
Weight: 22 lbs (10 kg)

- Contains:**
- 1 V-light (V1-10)
 - 1 500w, 120v lamp (GDA)
 - 2 Pro-lights (P2-10)
 - 2 200w, 120v lamps (FVL)
 - 3 Uni-stands (UN-33)
 - 2 Pro-light 4-way Barndoors (iP-20)
 - 1 Tota-frame (T1-20)
 - 1 iP Gel-frame (iP-40)
 - 1 Assorted Gels (T1-78)
 - 1 Assorted iP Gels (iP-78)
 - 1 Tota-brella (T1-25)
 - 1 Clear Glass (iP-49)
 - 1 iP Diffused Glass & Holder (iP-50H)
 - 1 Tota-clamp (T1-30)
 - 1 ViP Lampak (ViP-61)
 - 1 GO-85 Case

GO Pro-visions Kit

Code: GO-92Z
Size: 23.75 x 13.5 x 7"
(60.3 x 34.3 x 17.8 cm)
Weight: 21 lbs (9.5 kg)

With LB-30 Soft Case
Code: GO-92LBZ
Size: 23 x 10.5 x 6.75"
(58.4 x 26.7 x 17.2 cm)
Weight: 15 lbs (6.8 kg)

- Contains:**
- 2 Pro-lights (P2-10)
 - 2 200w, 120v lamps (FVL)
 - 2 Pro-light 4-way Barndoors (iP-20)
 - 2 Uni-stands (UN-33)
 - 1 iP Gel Frame (iP-40)
 - 1 iP Assorted Gels (iP-78)
 - 1 Tota-brella (T1-25)
 - 1 ViP Lampak (ViP-61)
 - 1 GO-85 Case



ViP Kits

GO Jet Set Kit

Code: VP-97UZ
Size: 23.75 x 13.5 x 7"
 (60.3 x 34.3 x 17.8 cm)
Weight: 27 lbs (12.3 kg)

With LB-30 Soft Case
Code: VP-97ULBZ
Size: 23 x 10.5 x 6.75"
 (58.4 x 26.7 x 17.2 cm)
Weight: 21 lbs (9.5 kg)

- Contains:**
- 2 V-lights (V1-10)
 - 2 500w, 120v lamps (GDA)
 - 1 Pro-light (P2-10)
 - 1 200w, 120v lamp (FVL)
 - 3 Uni-stands (UN-33)
 - 1 Pro-light 4-way Barndoor (iP-20)
 - 1 Tota frame (T1-20)
 - 1 Assorted Tota Gels (T1-78)
 - 1 Tota-brella (T1-25)
 - 1 Tota-brella (T1-26)
 - 1 Clear Glass (iP-49)
 - 1 iP Diffused Glass & Holder (iP-50H)
 - 1 Tota-clamp (T1-30)
 - 1 ViP Lampak (ViP-61)
 - 1 GO-85 Case



GO All Pro Kit

Code: P1-93UZ
Size: 23.75 x 13.5 x 7"
 (60.3 x 34.3 x 17.8 cm)
Weight: 29 lbs (13.2 kg)

With LB-30 Soft Case
Code: P1-93ULBZ
Size: 23 x 10.5 x 6.75"
 (58.4 x 26.7 x 17.2 cm)
Weight: 23 lbs (10.5 kg)

- Contains:**
- 3 Pro-lights (P2-10)
 - 3 200w, 120v lamps (FVL)
 - 3 Pro-light 4-way Barndoors (iP-20)
 - 3 Uni-stands (UN-33)
 - 2 iP Gel-frames (iP-40)
 - 1 Assorted iP Gels (iP-78)
 - 1 Tota-brella (T1-25)
 - 1 Tota-brella (T1-26)
 - 1 Clear Glass (iP-49)
 - 1 Swing in Diffuser (iP-50H)
 - 1 Swing-in Full Scrim (iP-54H)
 - 1 Swing-in Half Scrim (iP-55H)
 - 1 Tota-clamp (T1-30)
 - 1 ViP Lampak (ViP-61)
 - 1 GO-85 Case



ViP System Plus Kits

These add additional fixtures, lamps & accessories creating easy to carry kits with more advanced abilities.

The ViP DV Core Kits add compact, quick setup, ultra-soft Rifa eX lights to complement the abilities of the ViP System.

Choose the DV Core 250 Kit to add a 250w Rifa eX 44 or the DV Core 500 Kit which adds the 500w Rifa eX 55, along with gel frames & gels, for a compact kit with big possibilities. All ViP Kits come with lamps.

DV Core 250 Kit

Code: DVC-91
Size: 23.75 x 13.5 x 7"
 (60.3 x 34.3 x 17.8 cm)
Weight: 27 lbs (12.25 kg)

With TO-83 Case
Code: DVC-913
Weight: 28 lbs (12.8 kg)

With LB-30 Soft Case
Code: DVC-91LB
Weight: 21 lbs (9.5 kg)

Contains:

- 1 Pro-light (P2-10)
- 1 200w, 120v lamp (FVL)
- 1 Pro-light 4-way barndoors (iP-20)
- 1 V-light (V1-10)
- 1 500w, 120v lamp (GDA)
- 1 Rifa eX 44 (LC-44EX)
- 1 200w, 120v lamp (FVL)
- 2 Uni-stands (UN-33)
- 1 Uni TO Stand (UN-55)
- 1 Tota Frame (T1-20)
- 1 Tota-brella (T1-25)
- 1 Pro & i Gel Frame (iP-40)
- 1 iP-Gels (iP-78)
- 1 Assorted Gels (T1-78)
- 1 Clear Glass (iP-49)
- 1 iP Swing-in Diffuser (iP-50H)
- 1 ViP-Lampak (ViP-61)
- 1 GO-85 Case



DV Core 500 Kit

Code: DVC-92
Size: 23.75 x 13.5 x 7"
 (60.3 x 34.3 x 17.8 cm)
Weight: 31 lbs (14 kg)

With LB-35 Soft Case
Code: DVC-92LB
Size: 30.5 x 11.5 x 8.5"
 (77.5 x 29.2 x 21.6 cm)
Weight: 25 lbs (11.5 kg)

Contains:

- 1 Pro-light (P2-10)
- 1 Pro-light 4-way barndoor (iP-20)
- 1 200w, 120v lamp (FVL)
- 1 V-light, (V1-10)
- 1 500w, 120v lamp (GDA)

- 1 Rifa eX 55 (LC-55EX)
- 1 500w, 120v lamp (EHC)
- 2 Uni-stands (UN-33)
- 1 KS Jr. Stand (DT-33)
- 1 Tota Frame (T1-20)
- 1 Tota-brella (T1-25)
- 1 Assorted Gels (T1-78)
- 1 Pro & i Gel Frame (iP-40)
- 1 iP-Gels (iP-78)
- 1 Clear Glass (iP-49)
- 1 iP Swing-in Diffuser (iP-50H)
- 1 ViP Lampak (ViP-61)
- 1 DP/Rifa Lampak (D2 -61)
- 1 TO-83 Case

ViP System Plus Kits

The DV Pro Kits are the most versatile of the ViP System Plus Kits.

They not only add more V & Pro lights, but also a Rifa eX 44 or Rifa eX 55 for beautiful soft light that sets up effortlessly in 60 seconds. We've also included lamps and an impressive collection of light control & mounting accessories to give you the creative tools you need. DV Pro Kits come with lamps.

DV Pro 44 Kit

Code: DVP-94

Size: 29.5 x 17 x 7"
(74.9 x 43.2 x 17.8 cm)

Weight: 46 lbs (21 kg)

With LB-35 Soft Case

Code: DVP-94LB

Size: 30.5 x 11.5 x 8.5"
(77.5 x 29.2 x 21.6 cm)

Weight: 37 lbs (16.7 kg)

Contains:

- 2 Pro-lights (P2-10)
- 2 Pro-light 4-way barndoors (iP-20)
- 2 200w, 120v lamps (FVL)
- 2 V-light (V1-10)
- 2 500w, 120v lamps (GDA)
- 1 Rifa eX 44 (LC-44EX)
- 1 200w, 120v lamp (FVL)
- 1 Tota Frame (T1-20)
- 1 Tota-brella (T1-25)
- 1 Tota-brella (T1-26)
- 4 Uni Stands (UN-33)
- 1 Uni TO Stand (UN-55)
- 1 Assorted Gels (T1-78)
- 1 Pro & i Gel Frame (iP-40)
- 1 iP Assorted Gels (iP-78)
- 1 Clear Glass (iP-49)
- 1 iP-Swing in Diffuser (iP-50h)
- 1 iP-Swing in Full Scrim (iP-54)
- 1 iP-Swing in Half Scrim (iP-55)
- 1 Flag Link (ViP-50)
- 1 Flexi-shaft Pkg. (2) (T1-50)
- 1 Tota-flag (T1-52)
- 1 Tota-Flector (T1-54)
- 1 Tota-tatch (T1-34)
- 1 Tota-clamp (T1-30)
- 1 Tota-mount (T1-32)
- 1 Lobo (F1-30)
- 1 Lobo Arm (F1-40)
- 2 ViP Lampak (ViP-61)
- 1 Tota/Omni Case (TO-84Z)



DV Pro 55 Kit

Code: DVP-95

Size: 29.5 x 17 x 7"
(74.9 x 43.2 x 17.8 cm)

Weight: 49 lbs (22.3 kg)

With LB-35 Soft Case

Code: DVP-95LB

Size: 30.5 x 11.5 x 8.5"
(77.5 x 29.2 x 21.6 cm)

Weight: 40 lbs (18 kg)

Contains:

- 2 Pro-lights (P2-10)
- 2 Pro 4 way Barndoors (iP-20)
- 2 200w, 120v lamps (FVL)
- 2 V-lights (V1-10)
- 2 500w, 120v lamps (GDA)
- 1 Rifa eX 55 (LC-55EX)
- 1 500w, 120v lamp (EHC)
- 1 Tota Frame (T1-20)
- 1 Tota-brella (T1-25)
- 1 Tota-brella (T1-26)
- 4 Uni Stands (UN-33)
- 1 KS Jr. Stand (DT-33)
- 1 Assorted Gels (T1-78)
- 1 Pro & i Gel Frame (iP-40)
- 1 iP-Gels (iP-78)
- 1 Clear Glass (iP-49)
- 1 iP Swing-in Diffuser (iP-50h)
- 1 iP Swing-in Full Scrim (iP-54)
- 1 iP Swing-in Half Scrim (iP-55)
- 1 Flag Link (ViP-50)
- 1 Flexi-shaft Pkg. (2) (T1-50)
- 1 Tota-flag (T1-52)
- 1 Tota-Flector (T1-54)
- 1 Tota-tatch (T1-34)
- 1 Tota Clamp (T1-30)
- 1 Tota-mount (T1-32)
- 1 Lobo (F1-30)
- 1 Lobo Arm (F1-40)
- 2 ViP-Lampaks (ViP-61)
- 1 DP/Rifa Lampak (D2-61)
- 1 Tota/Omni Case (TO-84Z)



DP Light Kits

The high output, variable focus, DP Light is available in a wide range of kit possibilities. There are 4 DP Kits with various combinations of DPs' and accessories, including lamps. 3 of them are housed with KS Stands in the rugged & spacious Multi Case, the 4th with KS Jr. Stands in the more compact DP3 Case.

DP System Plus Kits feature the compact DP&T Kit which combines the focusing ability of the DP with the wide angle throw of Tota-lights and added accessories, plus lamps. Or for a kit that adds the 60 second set-up & beautiful output of a Rifa eX softlight and an assortment of light control & mount accessories, move on up to the DP Super Remote Kit.

DP 3 Kit

Code: D2-93Z
Size: 37.5 x 17.75 x 9"
 (95.3 x 45.1 x 22.9 cm)
Weight: 45 lbs (20.5 kg)

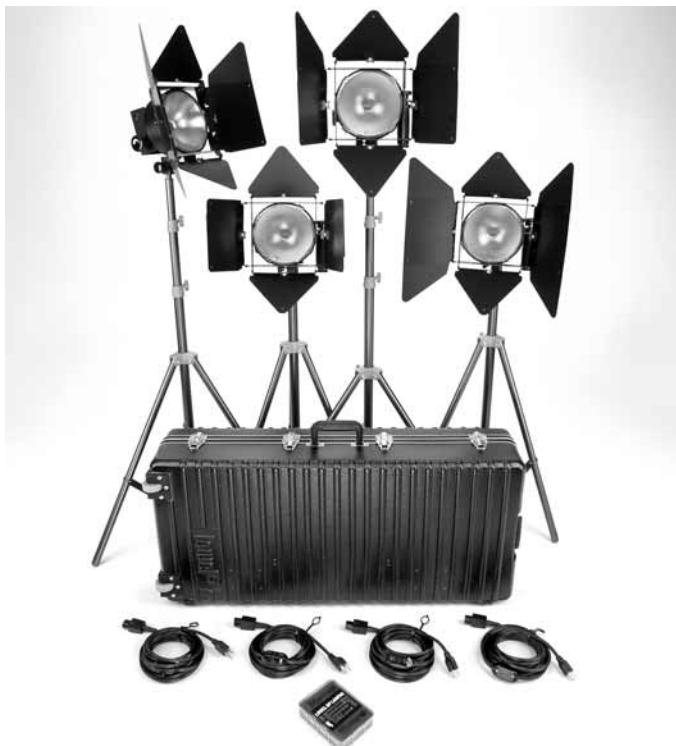
- Contains:**
- 3 DP Lights (D2-10)
 - 3 120v 1000w lamps (FEL)
 - 3 KS Stands (KS)
 - 3 DP Barndoors (D2-20)
 - 1 DP Lampak (D2-61)
 - 1 Multi Case (MCSEM)



DP 4 Kit

Code: D2-94Z
Size: 37.5 x 17.75 x 9"
 (95.3 x 45.1 x 22.9 cm)
Weight: 54 lbs (24.5 kg)

- Contains:**
- 4 DP Lights (D2-10)
 - 4 1000w, 120v lamps (FEL)
 - 4 KS Stands (KS)
 - 4 DP Barndoors (D2-20)
 - 1 DP Lampak (D2-61)
 - 1 Multi Case (MCSEM)



Close Quarters Kit

Code: D2-97Z
Size: 37.5 x 17.75 x 9"
 (95.3 x 45.1 x 22.9 cm)
Weight: 57 lbs (25.9 kg)

- Contains:**
- 4 DP Lights (D2-10)
 - 4 1000w, 120v lamps (FEL)
 - 4 KS Stands (KS)
 - 1 #3 Superspot Reflector (D2-17)
 - 4 DP Barndoors (D2-20)
 - 2 Full Scrims (D2-54)
 - 1 Half Scrim (D2-55)
 - 1 Graduated Scrim (D2-56)
 - 2 DP Frames (D2-24)
 - 1 DP Assorted Gels (D2-78)
 - 1 Day Blue Gels (D2-70)
 - 1 Large Space-clamp (SC-10)
 - 1 DP Lampak (D2-61)
 - 1 Multi Case (MCSEM)



DP3 Jr. Kit

Code: DPT-93Z
Size: 29.5 x 17 x 9"
 (74.9 x 43.2 x 22.9 cm)
Weight: 47 lbs (21.4 kg)

- Contains:**
- 3 DP Lights (D2-10)
 - 3 DP Barndoors (D2-20)
 - 3 1000w, 120v lamps (FEL)
 - 3 KS Jr. Stands (DT-33)
 - 2 DP-brella (D2-25)
 - 1 Lobo (F1-30)
 - 1 Tota Clamp (T1-30)
 - 1 DP Diffused Glass (D2-50)
 - 1 DP Full Scrim (D2-54)
 - 1 DP Graduated Scrim (D2-56)
 - 1 DP Frame (D2-24)
 - 1 DP Assorted Gels (D2-78)
 - 1 Large Space Clamp (SC-10)
 - 1 DP Lampak (D2-61)
 - 1 DP3 Case (DT-84M)

DP System Plus Kits

DP Super Remote Kit

Code: D2-96Z
Size: 37.5 x 17.75 x 9"
 (95.3 x 45.1 x 22.9 cm)
Weight: 62 lbs (28.2 kg)

- Contains:**
- 2 DP Lights (D2-10)
 - 2 DP Barndoors (D2-20)
 - 2 1000w, 120v lamps (FEL)
 - 1 Tota-light (T1-10)
 - 1 750w, 120v lamp (EMD)
 - 1 Rifa eX 88 (LC-88EX)
 - 1 1000w, 120v lamp (FEL)
 - 1 #3 Superspot Reflector (D2-17)
 - 1 Diffused Glass (D2-50)
 - 1 Full Scrim (D2-54)
 - 1 Graduated Scrim (D2-56)
 - 2 DP Brellas (D2-25)
 - 1 DP Frame (D2-24)
 - 1 DP Assorted Gels (D2-78)
 - 1 Light-flector with Tilter (LFT)
 - 1 Tota-flag (T1-52)
 - 1 Tota Frame (T1-20)
 - 1 T/O Assorted Gels (T1-78)
 - 2 Flexi-shafts (T1-50)
 - 1 Tota Clamp (T1-30)
 - 1 Large Space-clamp (SC-10)
 - 1 KS Stand (KS)
 - 3 KS Jr. Stands (DT-33)
 - 1 DP/Rifa Lampak (D2-61)
 - 1 Tota Lampak (T1-61)
 - 1 Multi Case (MCSEM)



Mini-DP&T Kit

Code: DPT-90Z
Size: 23.8 x 13.5 x 10.8"
 (60.4 x 34.3 x 27.3 cm)
Weight: 31 lbs (14.1 kg)

- Contains:**
- 1 DP Light (D2-10)
 - 1 DP Barndoors (D2-20)
 - 1 1000w, 120v lamp (FEL)
 - 2 Tota-lights (T1-10)
 - 2 750w, 120v lamps (EMD)
 - 1 Tota Frame (T1-20)
 - 2 Tota Shades (T1-21)
 - 1 Assorted Gels (T1-78)
 - 1 Tota Clamp (T1-30)
 - 1 Tota-brella (T1-25)
 - 1 DP Diffused Glass (D2-50)
 - 1 DP Frame (D2-24)
 - 1 DP Assorted Gels (D2-78)
 - 1 Uni Sr. Stands (UN-66)
 - 2 Uni TO Stands (UN-55)
 - 1 DP/Tota Lampak (DT-61)
 - 1 DP-Uni Case (DT-83)



DP Core 95 Kit

Code: DPR-95Z
Size: 29.5 x 17 x 9"
 (74.9 x 43.2 x 22.9 cm)
Weight: 43 lbs (19.5 kg)

- Contains:**
- 1 DP Light (D2-10)
 - 1 1000w, 120v lamp (FEL)
 - 1 DP Barndoor (D2-20)
 - 1 Rifa eX 55 (LC-55EX)
 - 1 500w, 120v lamp (EHC)
 - 1 Tota-light (T1-10)
 - 1 750w, 120v lamp (EMD)
 - 3 KS Jr. Stands (DT-33)
 - 1 Tota Frame (T1-20)
 - 1 DP-brella (D2-25)
 - 1 Lobo (F1-30)
 - 1 Assorted Gels (T1-78)
 - 1 Tota Clamp (T1-30)
 - 1 DP Diffused Glass (D2-50)
 - 2 Tota Shades (T1-21)
 - 1 DP Frame (D2-24)
 - 1 DP Assorted Gels (D2-78)
 - 1 DP/Tota Lampak (DT-61)
 - 1 DP Lampak (D2-61)
 - 1 DP 3 Case (DT-84M)



DP Core 96 Kit

Code: DPR-96Z
Size: 29.5 x 17 x 9"
 (74.9 x 43.2 x 22.9 cm)
Weight: 44 lbs (20 kg)

- Contains:**
- 1 DP Light (D2-10)
 - 1 DP Barndoor (D2-20)
 - 1 1000w, 120v lamp (FEL)
 - 1 Rifa eX 66 (LC-66EX)
 - 1 750w, 120v lamp (EHF)
 - 1 Tota-light (T1-10)
 - 1 750w, 120v lamp (EMD)
 - 3 KS Jr. Stands (DT-33)
 - 1 Tota Frame (T1-20)
 - 1 DP-brella (D2-25)
 - 1 Lobo (F1-30)
 - 1 Assorted Gels (T1-78)
 - 1 Tota Clamp (T1-30)
 - 1 DP Diffused Glass (D2-50)
 - 2 Tota Shades (T1-21)
 - 1 DP Frame (D2-24)
 - 1 DP Assorted Gels (D2-78)
 - 1 DP/Tota Lampak (DT-61)
 - 1 DP Lampak (D2-61)
 - 1 DP-3 Case (DT-84M)



DP Core 98 Kit

Code: DPR-98Z
Size: 37.5 x 17.75 x 9"
 (95.3 x 45.1 x 22.9 cm)
Weight: 49 lbs (22.3 kg)

- Contains:**
- 1 DP Light (D2-10)
 - 1 DP Barndoor (D2-20)
 - 1 1000w, 120v lamp (FEL)
 - 1 Rifa EX 88 (LC-88EX)
 - 1 1000w, 120v lamp (FEL)
 - 1 Tota-light (T1-10)
 - 1 750w, 120v lamp (EMD)
 - 2 KS Jr. Stands (DT-33)
 - 1 KS Stand (KS)
 - 1 Tota Frame (T1-20)
 - 1 DP-brella (D2-25)
 - 1 Lobo (F1-30)
 - 1 Assorted Gels (T1-78)
 - 1 Tota Clamp (T1-30)
 - 1 DP Diffused Glass (D2-50)
 - 2 Tota Shades (T1-21)
 - 1 DP Frame (D2-24)
 - 1 DP Assorted Gels (D2-78)
 - 1 DP/Tota Lampak (DT-61)
 - 1 DP Lampak (D2-61)
 - 1 Tota Foam Insert (MCSE3)
 - 1 Multi Case (MCSEM)

Caselite Kits

Caselites are both light & kit combined. They take advantage of their unique ability to store the sturdy yet compact Uni Sr. Stand plus mounting hardware

& lamps in their lids. There are 2 kits available, each with a choice of tungsten or daylight corrected fluorescent lamps.

Caselite2 Kit

Tungsten Kit
Code: CF-92TU

Daylight Kit
Code: CF-92DA

Size: 23.8 x 7.7 x 8.4"
(60.5 x 19.6 x 21.3 cm)
Weight: 18 lbs (8.2 kg)

- Each Kit Contains:**
- 1 Caselite2 (CF-20) with either daylight or tungsten balanced GE Cinema-Plus fluorescent lamps
 - 1 Uni Sr. Stand (UN-66)



Caselite4 Kit

Tungsten Kit
Code: CF-94TU

Daylight Kit
Code: CF-94DA

Size: 23.8 x 12.8 x 7.9"
(60.5 x 32.5 x 20.1 cm)
Weight: 25 (11.4 kg)

- Each Kit Contains:**
- 1 Caselite4 (CF-40) with either daylight or tungsten balanced GE Cinema-Plus fluorescent lamps
 - 1 Uni Sr. Stand (UN-66)



Scandles Kit

The LowelScandles Kit combines the unique 8-lamp cluster of the Scandles light with collapsible cone reflector/softbox in a 2 light Kit, with a choice of tungsten or daylight corrected fluorescent lamps.

L-light Kit

The tiny L-light is a highly versatile accent option. With its mounting plate & stand-fitting possibilities, it can light from just about anywhere you can run a power cable.

L-lights are available in kit form with accessories and your choice of hard or soft case. A perfect secondary kit to complement any larger kit, you'll be surprised how many times you pull them out to solve tricky little lighting problems.

LowelScandles Two Light Kit

Tungsten Kit
Code: LSF-92TU

Daylight Kit
Code: LSF-92DA

Size: 37.5 x 17.8 x 10.8"
(95.3 x 45.1 x 27.3 cm)
Weight: 50 lbs (22.7 kg)

- Each Kit Contains:**
- 2 LowelScandles Lights (LSF-05TU or (LSF-05DA) with either tungsten or daylight balanced fluorescent lamps, collapsible cones & diffusers
 - 2 KS Jr. Stands (DT-33)
 - 1 Big Scandle Case (LSF-82)



L-light Mid-L Kit

Code: L1-93U
Size: 30.5 x 8.5 x 6.5"
(78.1 x 21.6 x 16.5 cm)
Weight: 13 lbs (5.9 kg)

With GO-85 Case
Code: L1-93U5
Weight: 16 lbs (7.2 kg)

With LB-30 Soft Case
Code: L1-93ULB
Weight: 10 lbs (4.4 kg)

- Each Kit Contains:**
- 3 L-lights with Stand-links & cables (L2-10)
 - 2 Home-plates (L1-32)
 - 1 12-yd. roll Gaffer-tape (GT-12)
 - 1 Scissor-mounts set of 2 (CM-20)

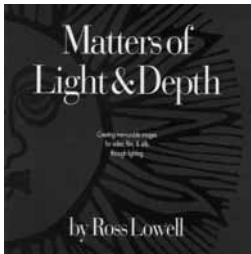


- 3 4-way Clip-on Barndoors (L1-20)
- 1 Gel-jawz pkg of 8 (CL-15)
- 2 iP Gel packs (Day Blue iP-70 & Frost iP-72)
- 2 Uni-stands (UN-33)
- 1 Tube Case (T1-82)
- Less lamps



Matters of Light and Depth

Ross Lowell



Called “essentially practical & practically essential”, Ross Lowell’s critically acclaimed *Matters of Light & Depth* is published by Lowel-Light. Filled with illustrations, photographs, and decades of real world experience, the book has become a valuable resource for all those interested in expanding their knowledge of lighting.

Hard & Soft Light

Key considerations

E. Carlton Winckler
Television lighting utilizes a high percentage of hard lights because of their ability to project their light from convenient locations overhead and at the sides of the playing areas.

Vilmos Zsigmond
I do not like to light with hard sources anymore unless that is the way it is in real life. [FL]

Haskell Wexler
To be able to light well in hard light makes the soft lighting a piece of cake, because a soft light is very forgiving. [FL]

The difference between the quality of hard and soft light is like that between sunlight and overcast sky light. Not only are their effects different, but so are the tools and many of the techniques used to achieve these effects.



PHOTO: AUTHOR, PRODUCER/DIRECTOR, SUZANNE BAUMAN

The hard back light I used for this sequence dramatized the dancers' shadows and swirling skirts. (Still from *Suleiman the Magnificent*.)



PHOTO: © DEAN COLLINS, SOFTLIGHT CHIMERA

Soft lights that are at least as large as the subject and that are relatively close to it produce a gradual transition from highlight to shadow, yielding a subtle gradation of tones.

“A brilliantly effective teaching tool... witty, beautifully designed... plus it’s user friendly...”

Tom McDonough,
cinematographer and author, “Light Years”

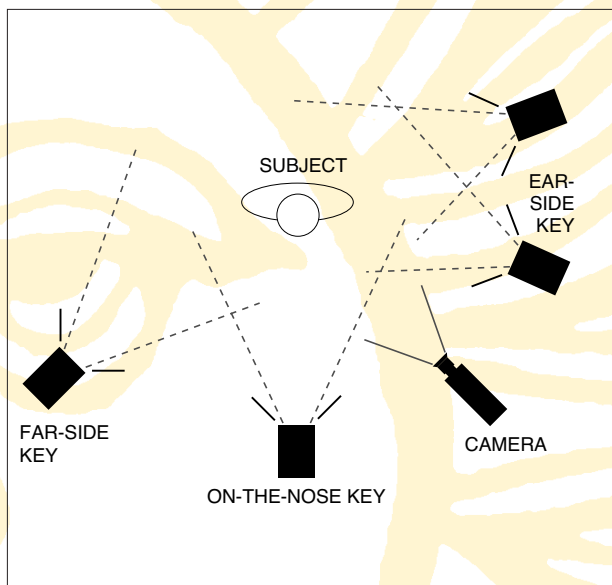
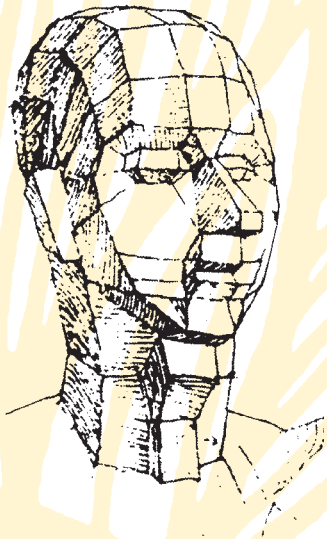


The Range of the Book

The author is a multi-award-winning cinematographer and Academy Award-winning lighting equipment inventor who has taught photographic lighting to both students and pros. In addition to his own techniques, photos, and "light philosophy," Ross Lowell interweaves the insights and images of distinguished lighting directors, photographers, filmmakers and classic painters.

Some of the subjects explored include:

- Color Temperature Matters
- Hearing the Light
- Lighting Planes
- Lighting People
- Meter Matters
- Finessing the Light
- Motivating the Light
- Two-Light Techniques
- The One-Light Approach
- Setting Up a Small Studio
- Superior Exterior Lighting
- The Art & Craft of Lighting Craft & Art
- Best Ways to Achieve the Worst Lighting



Reviews

"Ross has squeezed a lifetime of lighting experience and insight into one inspiring volume... While it focuses on the inexperienced reader, it also helps those of us who have been lighting for decades to understand why we do it the way we do it."

Gill McDowell,
lighting director/gaffer

"Ross Lowell has spent his life learning and teaching about light... [This book] should be owned by everyone who has any kind of camera... The reward for reading just a few chapters... will surely be better pictures... Mr. Lowell's writing... has a lyrical and spiritual dimension that is inspiring..."

John Durniak,
*"Valuable Lessons from a Master of Light,"
The New York Times*

"As a teacher, I particularly value several chapters, such as Lighting by Numbers, In Broad Daylight, Dynamic Lighting of Static Subjects, Shedding Light, and Lights-On Lessons. These sections are teeming with the kind of applied wisdom that students are starving for. I enjoyed reading it; better yet, I learned a lot from it."

Charles Merzbacher,
*professor, New York University,
Dept. of Film & TV*

"I am still citing Ross Lowell as the sensitive character who knew what light and movement were all about. This book confirms it."

Peter Jennings,
anchorman, ABC News



"The two hard reflectors that redirected sun through the far window solved the problem of how to light the long corridor dramatically and quickly while maintaining the anonymity of resident juvenile prisoners."

The Details of the Book

Code: BL-10
Size: 9" x 9"
Cover: Coated cover stock
Pages: 224, two-color throughout
ISBN#: 0-9662504-0-0

Subject: Video, film and still lighting and composition

Glossary: Approximately 500 entries

Images:
Full color pages—26
Photos—115
Paintings—12
Engravings—80
Diagrams—50



The following is an edited glossary from one of our previous catalogs. We are reprinting it here by popular demand. A fully updated & expanded version is available in Ross Lowell's book, **Matters of Light & Depth.**

A

Accent Light

Should call attention to an object or an area—not the lighting.

Aims of Lighting

To enhance mood, atmosphere and drama: separate planes; suggest depth; reveal character and texture; enrich and, occasionally, bedazzle. Minimum aim: to motivate micro chips and silver halides.

Ambient Light

Natural light is mostly available light which is really ambient light; but don't spread the word. Our business needs all the mystery it can muster and ambient is even better than Cuckoris.

Amp. Calculations

Amps=watts-volts. So, when the no-nonsense electrician asks: "How many amps will you need at 120v?"—divide the maximum watts you expect to use, by 100 (it has a built-in safety-factor and you won't have to hunt for a pencil). If you don't know watts-what, you'll blow it—with the electrician, at least.

Angle of Light

The angle formed between the Light-subject axis and camera-subject axis. Both horizontal (H) and vertical (V) should be specified. Examples: Camera-top Light about 0 degrees H, 5 V; Rim-light 180 degrees H&V; Key-light commonly 15 to 45 degrees H&V.

Attributes of Light

Every source has five main attributes which affect the quality of light emitted and the overall lighting-look: 1) Hard or Soft (or in between); 2) Intensity; 3) Direction; 4) Color and 5) Beam Pattern. All but color are affected by the light's Size and Distance.

Available Light

Existing interior light often looks great, especially when we're pressed for time. Before committing, what are the odds that the available light will last as long as your shooting will? Tip: Keep a few lights available—in case.

B

Background Light

Reveals the character of the background and helps separate it from the subject. Angle: toward the background, usually from the side and high enough to avoid Glare and subject or microphone shadows.

Backlight

Backlight separates subject from background, saints from sinners and one pro from another. Angle: toward the lens from above-and-behind the subject, or above-behind-and-slightly-to-the-side of it; high enough to cut lens Flare. Sins: confusing this source with Top, or Background Light, and for Motivation purists, using it at all. Tip: Smoke, steam, and other Translucent subjects adore backlight. Almost any color.

Barndoor

A pivotable, usually rotatable, front-of-the-light device, having two or more black panels, used to shape the beam and shade the camera lens or scene.

Base Light

Bland, diffuse set illumination intended to keep electronics quiet. Tip: add directional light to keep them happy.

Beam Angle

If you're into reading light-performance data, beam angle is the point at which the intensity of a source drops to fifty percent of maximum (center reading) measured in degrees of the full angle. Simply: how wide?

Beam Pattern

Includes Beam Angle, beam shape and any realistic or abstract patterns introduced into the beam.

Bounce Light

A super-soft source produced by reflecting lights off white (or at least color-neutral) panels or walls. Terminal treatment of lighting kits by belligerent baggage handlers.

C

Camera-top Light

The Flat-light look of on-board lights for news-type shoots can be improved. Tips: use heavy Diffusion or aim the light at a wall or use a low wattage lamp in order not to overwhelm any face-saving, available light.

Cinematic License

Allows holder to use unmotivated Backlight, elevate short actors and transform day into night.

Coloring Light

Gels correct the color of light sources relative to each other or the film. Colored gels are also used to distort light for dramatic or artistic purposes. Thus far, no permit is required. Video tip: white balance before you add distortion gels. However, if you add correction gels, white balance afterwards.

Color Temperature

(Degrees Kelvin or °K) Briefly: how red or blue, the "white" light is. Films are "white-balanced" by choosing the correct color temperature source (daylight, about 5600 °K, tungsten usually 3200 °K) or by filtering. Tip: With exotic, Kinky-spectrum light sources, a three-color meter will tell you all about red-blue-green imbalance. Options: use camera filters, gel lights and/or windows, color balance (and filter?) a video camera, re-light with photographic sources, or opt for off-color scenes.

Continuity of Light

Scenes and sequences are seldom shot in editing order, so, plan carefully and keep notes.

Contrast Ratio

(Brightness Ratio) Compare two reflected-light readings: 1) the lightest significant area of the subject or scene, vs. 2) the darkest. Each medium or method of reproduction has different brightness ratio limits. Projected films about 125:1 (seven stops); Video about 32:1 (five stops). Also see Lighting Ratio.

Cookaloris

(cuculoris, cookie, kook) A device, almost as strange as it's names. Placed in front of a Hard-Light, it throws shadows or dappled light on bland walls or areas and impresses impressionable producers.

Cool

Light, gels or subjects in the blue-green region of the color spectrum.

Cut

To remove light from the scene, scenes from the film or money from the budget.

Cyc (Cyclorama, Cove)

The ultimate Limbo background, found in many studios. The wall(s) and floor are joined in a gradual curve. Tip: simulate it with a seamless-paper sweep.

D

Dichroic

A vapor-deposited coating that reflects unwanted portions of the light spectrum. A filter with such a coating, typically for daylight correction of tungsten light.

Diffusion

Translucent materials that soften highlights and shadows, reduce contrast and increase Beam-angle.

Direction or Function

The big four: Key, Fill, Backlight and Background Lights are the cornerstones of traditional lighting. Used without regard to the needs of the subject and scene, they become millstones. Tip: learn to use them effectively, then forget about them and just light Planes. Other functions, variously useless, useful or essential: Kicker, Side-light, Eye-light, Top-light, Rim-light, and Accent Light.

Distance (Throw)

The light-subject distance not only controls Fall-off, but also Sharpness, and (effective) Size of the light, relative to subject size.

Dominance

If several sources are needed, one of them (or one direction of light) should dominate.

E

Exterior Lighting

Only mad dogs and English cameramen go out in the noonday sun. If you're stuck with Top-light-sun, here are a few Tips: use Reflectors, a Butterfly or lights. No electricity?, use batteries (even vehicular) with matching-voltage lamps, connectors, and daylight correction. Or shoot in the Shade.

Eye-light

A little eye-light goes a long way; use a light hand. Tip: a small, doored-down, hard-light near the camera, gives Kicks in the center of the eyes and teeth (unless your subject is tight-lipped). Placed off to the side, the whites of the eyes glow lovingly, tragically, or threateningly, depending upon the music.

F

Fall-off

Light, from a point source, falls-off inversely to the square of the distance. Move the light from ten-feet-away to twenty-feet-away and you have 1/4 of the intensity; forty feet, 1/16 th. Diffused lights fall-off even faster than point sources. Tip: to minimize fall-off within a scene, use hard-lights as far away as practical.

Fill Light

Fill lightens shadows and controls contrast and Lighting ratios. Tip: avoid hard-light-fill and over-kill-fill. Angle: usually close to the lens, on the side opposite the key. Time allowing, try for a better fill-angle.

Finesse (light control)

The black-art of refining white light by using focusing knobs, Barndoors, fancy-scrims, Gels and anything handy that won't melt instantly.

Flag (Cutter, Gobo)

An Opaque panel, used to block light and shadow the subject, background or camera lens. It can also hide lights in the dark recesses of a scene. Which term you use depends upon the device's size and what part of the country you are in.

Flare

Flare occurs in the optical system of cameras. Keep bright lights and strong reflections out of the lens; or turn flare's image eating tendencies into image enriching ones by telling your client: "...it's artistic". Just don't call it Glare.

Flat Light

All light is characterless, textureless and shallow-shadowed, when the source is close to the camera. Soft Light is, by its nature, flatter than Hard Light, but even a soft source, above or to the subject's side, is not flat. Proof: Vermeer.

Focus

To increase the beam-size of a focusing light, which, like-it-or-not, decreases it's intensity. Caution: for flood protection, keep Noah's Ark-light handy.

Focus

1) To vary a spotlight's beam-size and intensity. 2) To ignore the pandemonium around you while you light.

Focus Range

The ratio of spot to flood. Example: 800 fc to 100 fc=8:1. The more the better.

Footcandle (fc)

A unit of incident illumination, largely unaffected by the subject's luminosity (brightness).

Foregrounds

Dark foregrounds help hold the eye within the frame and increase the illusion of depth. Bright foreground objects, especially out-of-focus or moving ones, can be distracting. Tip: back-or-side-light the foreground using little or no Fill.

Formula Lighting

A sensitive eye and a little imagination are worth far more than a lot of lighting formulas, since every formula fails to acknowledge that every scene is different.

Formula (of sorts)

For uncontrollable or 360 degree action in a room, mount three broad lights high-up, in two different corners and on the opposite wall. Favor Motivated positions. Resist the temptation to use a fourth source, but not the one to Bounce or Diffuse.

Fresnel

A thinner, lighter, "stepped" version of a plano-convex lens. Also, a spotlight with such a lens. Tip: silent "s", sil vous plait.

G

Gaffer

The chief electrician on a motion picture production, responsible, ideally, to the director of photography. History: we named our tape in his honor, not vice-versa.

Gel (Gelatin, Media)

As used with photographic lights, a strong, flexible, fade-resistant, material, used to change the color, amount or quality of light. Tip: blues fade fairly fast.

Glare

Light reflected off of shiny surfaces. In moderation, it is one of the most useful ways to add life to drab subjects. If excessive, tame it by: moving the glaring object, the light or camera angle; using softer light, a polarizing camera filter (not on bare metal), or dulling-type spray (not on bald heads).

Glare Angle

(Angle of Reflection) The law-of-the-light states: the angle of incidence equals the angle of reflection. Simply: light is reflected at the same angle it came from, but in the opposite direction. Pool players understand. Tip: as soon as this law becomes intuitive, planning your lighting set-ups will be much easier. See, Plane lighting.

Good Eye

To help develop sensitivity to light and composition: study good films, photographs and paintings; keep an image file; observe the subtleties of light and shadow all around you, even when not shooting.

Grip

Traditionally, the crew member who hangs lights, pushes dollies, hefts cases and, out-West, handles reflectors.

H

Hard Light

A relatively small, direct, usually focusable source, with or without lens, that produces strong highlights and dark shadows. The quality is more dramatic and controllable, but generally less flattering than Soft Light; often improved with Diffusion. Tip: cheapest hard source with least Fall-off, the sun.



High-key

Lighting which results in predominantly middle-grey to white tones. Tip: use light sets, wardrobe, makeup; soft, Flat-light, Backlight, possibly camera-lens diffusion.

Hot Lights

Still photographer's lingo for constant source (as opposed to strobe) lights.

I**Illumination**

Lighting minus craft. Or, someone else's set-up.

Incident-light Meter

The light-averaging hemisphere is aimed toward the camera from the subject. Since it reads the light that reaches the scene, not subject brightness, adjustments should be made for unusually dark or light subjects. Backlight, Silhouettes and such.

Intensity (Light Output)

The "strength" of the incident-light source, independent of the subject's reflectivity, commonly measured in footcandles or lux.

Inverse-square Law

For a legal interpretation, see Fall-off.

K**Kelvin**

See Color Temperature.

Key Light

The key, or main light, tends to set the character of the lighting. It may suggest a source, like the sun, a window or flying saucer.

Kicker

A low-angle side-backlight that adds honest glare (the kind that helps elect Presidents) to the side of faces. Tip: try a white card or small reflector when you run out of lights or crave subtlety.

Kicks (Hotspots)

Bright light reflections that add sparkle (and, with a star filter, radiating lines of light). However, if too bright, they will add blooming, comet tailing (video) and Flare. Tip: See Glare for control. Use Hard Light—just for kicks.

L**Lamp**

Fits in a light and glows white-hot when turned-on. Caution: if any-one calls it a bulb, their Cinematic License will be revoked.

Lamp-life

The number of hours at which half of the test lamps fail. Tip: Shock, vibration, frequent on-off cycles, over-volting, power surges, obstructed ventilation, defective lamps and other such longevity-threats are not factored in.

Light (Fixture, Head, Luminaire, Instrument)

The contraption, regardless of name and shape, that surrounds the Lamp.

Lighting Director

The person responsible for lighting video productions.

Lighting Grid

An overhead pipe-like structure in a studio to support lights and electrical connectors.

Lighting Ratio

The ratio of Key-light plus Fill, vs. Fill-light only, using an Incident-light Meter. (If the first is 200 foot candles and the second 50, the ratio is 4:1, or a two stop difference).

Optimum and maximum Lighting Ratios depend upon subject matter, mood, media, and type of reproduction as well as personal tastes.

Location

An area used for shooting, or considered for use, other than a studio. And other than a place previously used by an inconsiderate crew.

Low-angle Light

The ideal Key for villains, monsters and nymphs bathed by sun reflected from limpid pools. See Motivated lighting.

Low-key

Lighting which results in predominantly grey to middle-black tones. Tip: use dark sets and wardrobes, hard lights, lots of flags and don't let the lab or lighting engineer "save" you.

Lux

A unit of measure of incident light (not reflected from the scene). The video and European counterpart of Footcandles. Formula: $fc \times 10.8 = Lux$.

M**Magic Hour**

The time of day (dusk or rarely, for us, dawn) when almost everyone would shoot almost everything, if only it lasted longer. Tip: use little or no fill, underexpose one or two stops, "drop" the 85 filter if you like blue or need more exposure.

Matte

A non-reflective, dull subject or surface. Tip: even semi-matte surfaces will glow, given sufficient Glare Light; little hope for dull subjects.

Motivated Lighting

Requires that photographic lights appear to come from actual sources. This can increase audience credibility and artistic integrity. Fantasy images? Anything goes.

Moving Sources (video/film)

Effective when justified by the action, baffling most other times. Exceptions: diffused sources moving with the cast and camera, outdoors or where background shadows are not a problem. Or when used symbolically.

Moving Subjects

Challenging, especially for those making the transition from stills. Tips: If you can rehearse the action, do it before you light and note where people pause. Don't attempt to light large areas evenly; movement is enhanced by intensity changes. If movement is not predictable, set the lights far away, and high, with half or graduated Scrim on the bottom to prevent subjects burning-up as they approach lights.

Multiple Shadows

Few things expose the novice and the artifice of our craft faster than redundant shadows, unless they are Motivated or done with a lot of style.

N**Neutral Density (gel)**

.3, .6, and .9 ND gels reduce light intensity by 1, 2, or 3 stops respectively, without a change in color or quality.

O**Opaque**

An object or material that does not transmit light.

P**Plane Lighting**

Visualize your subject, or the entire scene, as a series of planes at various angles to the lens. Position lights to reveal those planes effectively. Light planes to different levels of brightness. See Glare Angle.

Polarizing Filters

Polarizing camera filters can be set to reduce most glare as well as darken blue skies. Best camera angle: 90 degrees to the source. Light loss: approx. 2 stops. Tip: polarizing gels may be damaged if used close to high-wattage tungsten lamps.

Practical Light

A prop light seen in the shot that can be operated by the cast: sometimes doctored to control brightness, color or coverage.

R**Reflected Light**

The light reflected from a surface, after losses due to absorption and scattering. See Glare, Bounce and Spill for further reflections.

Reflected Light Meter

Aim meters that read reflected light at the subject or scene from the direction of the camera. Tip: besides exposure, they help you find the Brightness Ratio. Narrow-angle spot meters are indispensable for distant, unapproachable and tricky (inside furnace type) metering.

Reflectors

Curved contraptions that concentrate the Lamp's beam. And flat devices that recycle light from lights, sun and, at close range, even overcast sky. Tip: Lighting with reflectors is like lighting with lights, except no cables or no scorched fingers. Just wind-worries.

Rigs

Assemblies designed, or adapted, to support lights backgrounds, and paraphernalia of all persuasions.

Rim Light

Subjects appear to have seen the light, then turned their back on it. Angle: The source looks down the barrel of your lens when the subject moves.

S**Safety**

The dangers of our craft range from "mere" finger scorching to electrocution. Don't take chances with your epidermis, or anyone else's.

Scrim

For us, a metal screen used in front of a light to reduce intensity without Diffusion. But, thanks to the mystery and magic of show biz, other devices which do diffuse, are also called scrims. Tip: if you can see a clear image through the material, there's no diffusion or confusion.

Set

A construction designed for the convenient lighting and shooting of scenes.

Set Light

The video equivalent of Background Light.

Shade

Consider all the subtle shades of shade: wide-open, dappled, flat, side, kicker and back-lit varieties. Keep eyes and options open, Reflectors handy.

Shadows

The power of a shadow resides in its potential to reveal as well as conceal. Tip: Backlights and Low-angle lights can exaggerate shadows for dramatic or stylistic purposes.

Sharp

As applied to Shadows, a hard, clean edge. Tip: The further away subjects, Snoots and Flags are from a light, and the closer they are to backgrounds, the sharper their shadows will be. The edge of a spot beam produces sharper shadows than the center.

Side-light

This half-key-half-kicker hits subjects at an Angle of 90 degrees. It is doubly misused, at times, in matched-pairs, from opposite sides. See Dominance.

Silhouettes

Dark shapes and figures against light backgrounds can have impact, even on small screens.

Simplicity

Don't use more lights or Directions of light than you really need for the subject and mood.

Size and Distance

The larger the light, the softer its quality. However, the effective size of a source also depends upon subject size and distance. A large, distant source is, in effect, small and hard, (behold the sun). A four-square-foot Softlight, backed off to cover a car, is small, but lighting a watch, enormous.

Snoot

Snoots are front-of-the-light "tubes" that project a circle of light on a subject or background and reduce Spill. See Sharp. Tip: to create an ellipse, decrease the light-background angle.

Softlight

The soft-shadows and subtle-highlights produced by large, indirect, heavily Diffused or Bounced light, are so luscious, one wonders why this light isn't used for everything. At times, it seems to be. But the difficulty of hiding and controlling a soft source, especially for reverse angles, and its reluctance to "go the distance", limits its use. So does fickle fashion. The largest, cheapest soft source: an overcast sky.

Specular

A highly reflective, mirror-like surface. Tip: if your subject is specular and small, stick it in a translucent tent with a hole for your lens and douse it with light or surround it with white panels.

Spill

Spill, like glare and weeds, suggests something unloved. But spill does cut contrast—if that's what you need, Tip: Flags, Snoots, and Barndoors provide a little relief with Hard Lights, little relief with Soft ones.

Spot

To adjust a focusing light toward maximum intensity and minimum Beam Angle. Also, a Hard light.

T**Top-light**

Angle: directly over the subject. Tip: If you want to light eyes, not nose-tops, save this one for non-human subjects. However, soft, top-front-light is ideal for some faces: top-back-light is often good for food photography.

Tungsten Filament

A lamp coil which emits light (and heat) when excited by AC or DC current.

Tungsten-halogen

A tungsten filament coil set in a regenerative halogen gas atmosphere which eliminates the premature, permanent blackening of the lamp envelope. Useful lamp life is extended, lamp size decreased.

V**Volts**

A measure of electrical "pressure". Formula: $volts=watts+amps$. Tip: to save bucks and save face, check lamp-voltages before plugging-in, and overseas voltages before grabbing your passport. Common volt-flavors: 12, 30, 120, 220, 230, 240 and in Japan, 100.

W**Warm**

Light, gels or subjects in the red-orange-yellow region of the color spectrum.

Watts

The intensity of different types and makes of fixtures will vary even if the watts and distance remain constant. That's what performance charts and meters are for.





Choosing a Light

Lowel lights and accessories are efficient, easy to use and dependable. Choosing the right light is a matter of determining your specific technical and aesthetic requirements.

In addition to the below information, visit our online EDU Resource Center for lighting lessons, & much more. www.lowel.com

Hard lights:

- Produce strong, dramatic highlights and shadows unless diffused by user (example, the sun on a cloudless day).
- Can be used relatively far away from the subject.
- Generally require fill light to soften shadows and control contrast.
- Brightness and spill are fairly easy to control.

Focusing hard lights:

- Have beams that can be continuously varied from wide to narrow (flood to spot).
- Give the user control over the spread of the beam and the intensity of the light.
- Higher focusing ranges offer more control.

Lowel focusing hard light sources:

- **Pro-light:** 12, 30, 120v & 230v models; 50–250w
- **i & id-light:** 12/14v; 55,100w
- **Omni:** 12, 30, 120, 220/240v; 100–500w.
- **DP:** 120, 220/240v; 500–1000w

Lowel non-focusing hard light sources:

- **L-light:** 120v; up to 300w

High intensity (super-spot) light:

- Throws hard light in a very narrow beam over long distance.

Lowel high intensity non-focusing (super-spot) light options:

- Are available via quick-change accessory reflectors for Lowel Omni & DP lights.
- Are also available by using Clear Safety Glass in the Front Housing with the Pro, i & id-lights.

Wide angle (broad throw) lights:

- Are semi-hard and non-focusing.
- Light large areas evenly.

Lowel wide angle light sources:

- **V-light:** 120, 220/240v; 500w
- **Tota-light:** 120, 220/240v; 300–800w

Soft lights:

- Consist of a relatively large, indirect light source (example, an overcast sky)
- Produce gentle, flattering, highlights and shadows.
- Need to be closer to the subject.
- Tend to spill and reduce contrast.
- Require little or no fill light.
- Work well as fill because it does not introduce hard shadows.
- Can be created from hard light sources by adding accessory umbrellas, or gel frames with diffusion.

Lowel dedicated soft light sources:

- **Rifa-eXchange:** efficient, quick set-up; 4 sizes with max wattages from 250 -1000w; accessory eXchange lamphead system allows use of 50-100w DC lamps & screw-threaded fluorescents, 27 - 80w.
- **Caselite fluorescent:** 120v & 230v models; (2 sizes) 2-lamp 110w, 4-lamp 220w. Daylight or tungsten color temperatures.
- **LowelScandles fluorescent:** 120v; 8-lamp cluster of either 18 or 24w lamps. Daylight or tungsten color temperatures.
- **Lowel/Fluo-Tec fluorescent:** 120v, & 230v models; (5 dimmable models housing 2-8 55w lamps) Daylight or tungsten color temperatures.
- **Lowel Ego fluorescent:** 120v, 2 lamp (27w daylight) compact desktop digital imaging light, for small object tabletop lighting.

Compatibility & versatility:

- Both Tota/Omni and ViP systems consist of focusing and wide angle hard lights that work well together in most lighting situations. All can be converted to soft sources with accessories. Tota/Omni and ViP systems share many of the same light control and mounting components.
- Lowel fixtures such as the DP, Omni & Pro function in multiple modes: as a focusable spot/flood light; as a high-intensity super-spot light (with an inexpensive accessory reflector for DP & Omni or Clear Glass with Pro & i); and as a soft source (with an umbrella or diffusion).



Controlling the Light

Lowel has a wide range of professional light control tools. To help you select and use the most appropriate ones, we offer the following suggestions:

To diffuse & soften light:

- Use umbrella attached to Tota, Omni, V, L-light (with stand-fitting), or DP.
- Use Frost Gel on Gel Frames of Tota, V, L-light, Pro, i, Omni, Fren-L-650 and DP, or clip to Barndoors of Caselite.
- Use Diffused Glass accessory in Barndoor frame of Omni or DP, or as Swing-in Accessory on Pro, i & id.
- Bounce light off white (color neutral) wall or ceiling.
- Bounce light off large, white panel attached to a Maxa-mount, Lobo and stand.

To reduce overall brightness:

- Flood a focusing light, move the light back, or partially close Barndoors.
- Use full scrim in Omni, Pro, i, or DP light.
- Use lower wattage lamp.
- Use neutral density gel on a Gel Frame.
- Switch off lamps in Caselites, LowelScandles or Lowel Fluo-Tec non-dimmable models. Use Lowel Fluo-Tec dimmable models (all fluorescent).
- On broadcast camera-top, use id-light.

Note: Tungsten lamps shift color temperature warmer when dimmed. Scrim and neutral density gels do not diffuse or soften, they only reduce intensity. Translucent diffusion materials do both.

To reduce brightness in some areas:

- Use Barndoor or Tota-shades to shadow specific area.
- Use 1/2 or graduated scrim in Barndoor to darken an area; rotate as needed.
- Use a Tota-flag.
- Use Fin-S or Hollywood Strip for finessing fine details of control.
- Use Snoot on Omni, Pro, i, id, and DP light.

To increase brightness:

- Use maximum wattage recommended lamps.
- Focus toward spot position.
- Use super-spot options with Omni Pro, i, id and DP for high-intensity or long throws (area covered will be greatly reduced, and fixture becomes non-focusing).

To control spill:

- Use Barndoors Tota-shades, or Snoots, if available.
- For small lights, use Tota-flags on Flexi-shafts attached directly to the light or to a Tota-tatch, Tota-clamp, Tota-daptor or Flag-link.
- Use Tota-flags if Barndoors do not sufficiently control spill. (**Note:** the further from the light, the sharper the shadow).
- With Rifa's add fabric Egg-Crate (30, 40, or 50 degree dispersion).

To correct for daylight:

- For tungsten, use various strengths of Day Blue Gel or on a Gel Frame, clip directly to Barndoors or clothespin to velcro pockets of Rifa. Blue gels fade quickly, if light is near spot setting. Check and replace as needed to assure consistent color.
- Use Dichroic Filter in Barndoor of Omni, i, id, Pro and DP Lights.
- Use high CRI (color Rendering Index) daylight lamps in fluorescent fixtures.

To color the light:

- Use colored gel on Gel Frames or clip to Barndoors with Gel-jawz.
- Take advantage of "off-color" sources (relative to photographic lights), such as windows, to add blue or other color accents.

To prevent "washing-out":

In film and video, when subjects moving toward a light become too bright and moving away they become too dark, try one of the following:

- Use Graduated or Half Scrim on Pro, i, id, Omni or DP with screen area on the bottom of the light. Position light high enough to provide gradual shading of moving subject.
- Use neutral density or Frost Gel over bottom 1/2 of a Gel Frame. Can be used with Tota, V, Omni and DP as above.
- With Rifa's add fabric Egg-Crate (30, 40, or 50 degree dispersion).

To provide fill light on exteriors:

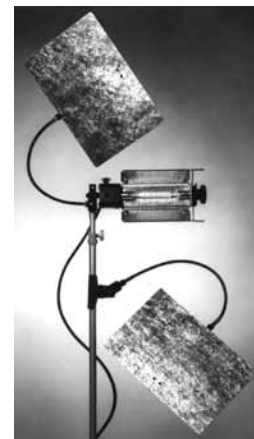
- Use daylight fluorescent sources such as Caselite, or Rifa eX (with accessory lamphead & daylight fluorescent lamps)
- Use Lightflectors or Tota-flector for small areas.
- Use Omni, i, id, Pro-light or Rifa eX (with TH-X300 lamphead) with 12 or 30v lamps, appropriate cable, and battery, and daylight gel or dichroic filter.
- See "To correct for daylight".
- To avoid the need for fill, shoot in shaded area or when sky is overcast.

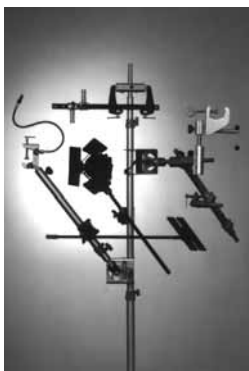
To improve camera-top lighting:

- Use id-light for dimming with variable focusability. (**Note:** Tungsten-halogen lamps shift color temperature warmer when dimmed.)
- Use low wattage lamps to avoid overwhelming available light.
- Soften with Swing-in Diffuser on Pro and i/id.

Using Batteries

Lowel does not offer rechargeable batteries. However, portable battery packs for the Pro, i, id & Omni lights are available through many Lowel Dealers. Lowel has accessory plugs for the most common connector styles. See the various systems components sections for more information.





Choosing & Using Mounts

Lowel offers a wide range of components that handle a variety of mounting situations. To help you select and use the most appropriate ones, we offer the following thoughts.

To select stands:

- Use Uni & Uni TO Stand for V, i & Pro-lights and small accessories.
- Use Omni, & Uni TO Stands for the above and for Tota, Omni, Rifa-44, Lightflector and small to medium flags.
- Use KS Jr. & Uni Sr. Stands for the above, plus DP, Rifa eX 55 & 66, when compact packing is important.
- Use KS Stand for the above, plus Rifa eX 88, Basic Boom, large flags, and reflective panels.
- Use KSA Stand for the above when air cushioning or black "camouflage" is desirable.
- Use Grand Stand for heavy equipment, booms, Variflector, 3rd leg leveling capability (especially outdoors), great heights and air cushioning.

To extend stands:

- Use Pole or Half Pole on KS, KSA or Grand Stand.
- Use Lobo & Lobo Arm, or Missing Link & Double Male Stud or Lobo Arm for small lights.

Note: For safety, never over-extend stands, test for stability, use weights. Pole & Half Pole have been extended in overall length to allow safer use at original length, leaving more overlap in riser sections.

To stabilize stands:

- On grass or sand, push Anchors through holes in legs of KS, KSA or Grand Stand.
- Add Lowel Weight to struts of any Lowel stand.
- Use cables, cases, tape or whatever works safely.

To wheel stands:

- Attach casters to KS, KSA and Grand Stands for heavy equipment, booms, etc. (casters can be locked in position).

To mount lights below standtops:

- Use Tota-clamp, Grip and Interlink or Double Male Stud, Lobo with Lobo Arm or Lobo with Double Male Stud from Interlink.

To boom lights:

- Use a KS, KSA or Grand Stand, Grip and one or two Lowel Weights as needed.
- Use Lobo & Lobo Arm for small lights.

To clamp lights on small spans (stands, poles, etc.):

- Use Tota-clamp or Grip with Interlink or Double Male Stud.
- Use Missing Link with Double Male Stud or Spring-loaded Stud Clamps.

To clamp lights across large spans (columns, beams, etc. up to 8 feet):

- Use Space-clamp (with extension bars as needed).

To mount lights on walls or windows:

- Attach Tota-mount with Gaffer-tape for Tota, Omni, V, i or Pro lights.
- Mount L-light with Mounting-plate directly with Gaffer-tape.

Note: For safety, never tape lights to ceilings. Do not use Gaffer-tape on wallpaper or painted surfaces. Rub tape thoroughly onto clean surface. Never use with heavy lights.

To mount lights on door tops:

- Hang Tota-mount on top of door (open or closed) for Tota, Omni, V, i, or Pro lights.

To mount lights on dropped ceiling grids:

- Attach light-weight lights or accessories with Scissor-mount to T-bar of ceiling grids. Extend and articulate with Missing Link & Double Male Stud.

Note: For safety, never use near flammable materials or automatic sprinklers; test grid for stability.

To put small lights on floors or tables:

- Use Vipod with Stud-link.
- Use Home-plate with Scissor-mount.

To mount lights on top of studio sets:

- Use Screw-in Stud or Space-clamp for small and medium-sized lights.

To mount lights on video cameras:

- Use Low-link, L-link, or Stud-link for Pro and i/id lights.
- Use Cam-link with any of the above for Pro and i/id lights.

To mount large white reflector boards:

- Attach foam core, etc. to Maxa-mount with tape.
- Position Maxa-mount with Lobo or Grip on KS Stands.
- Use weight on Maxa-mount or stand if needed.

To float object in "limbo":

- Attach prop or product to Maxa-mount with tape.
- Slip Maxa-mount through hole in seamless paper or background.
- Use Lobo to support Maxa-mount on stand behind paper.
- Use counter-weight on Lobo Arm if needed.

To support seamless paper and background:

- Use two KS Stands, two Grips or Interlinks, two Full Poles.

To convert stands or clamps to "tripods":

- Add Tota-tilter to top of stand or clamp for emergency mounting of small still cameras and accessories.

To increase safety:

- Use an adequate stand or clamp (based upon weight, extension and conditions).
- Use weights on stands when appropriate.
- While mounting lights overhead, clear people from below.
- Test clamp and mount installations carefully. Screw on stand-fitting must be seated in undercut of stud.
- Always use safety cables on lights attached to overhead pipes, grids, etc.
- Use ground Anchors or Weights on outdoor reflectors. Lay them down when not in use.



Choosing a Kit

Each Lowel Kit has been created from one or more of our lighting systems to offer the user a selection of lights and components at a savings over individual prices. To help you choose the best kit for your needs, review the following questions. If you have additional questions, see your Lowel dealer or call us.

What about watts?

- Total kit "wattage" does not tell the full story. Some types of lights are more efficient than others (higher foot candle readings, or larger area coverage) due to more efficient optical design.
- Direct (hard) lights offer greater output per watt than indirect (soft) lights.
- For performance data, see charts with individual fixtures in Light Systems section.
- Because today's digital & film based cameras can work in lower light levels, consider a kit with higher max. wattage fixtures, that have available lower wattage lamps. Use them regularly with lower wattage lamps and use higher wattages when you need to light from greater distances.

Which is more important, speed or control?

- For fast action set-ups, where finesse is not practical, choose a basic kit.
- Where subtlety or dramatic effects are important, or where difficult mounting problems exist, more elaborate kits are appropriate.

Want to customize a kit?

- Many Lowel kits have room for additional equipment: umbrellas, flags, clamps and with some kits, another light and stand.
- You can also order an empty case and just the equipment you need to assemble your own kit.

Need to balance tungsten to daylight, or conventional fluorescent light?

- Choose a kit with lots of gel-frames and plan to use daylight or fluorescent correction gel filters.
- Or choose a kit with lights that accept dichroic filters (daylight correction only).
- For soft key & fill, consider fluorescent systems with conventional or daylight corrected lamps.

Need super-portability?

- Lowel Kits are extremely portable—even those with four or more lights, stands and accessories.

Safety

Lowel lights and accessories are professional lighting products for photographic image production. They should be used with caution and care. Considerable light and heat are generated. It is important to fully read the information included in each products instruction sheet. If you have questions about the safe use for any of our products, or need copies of instruction sheets, please contact us or an authorized Lowel dealer.

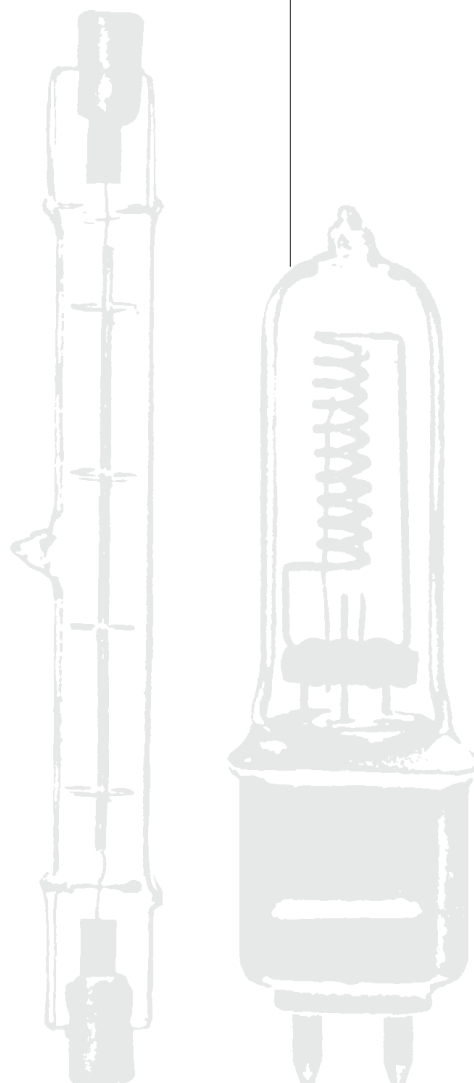
Safety screens &

- Tota, Omni and DP lights all come with safety screens that attach to the front of the fixture to prevent touching the lamp, as well as providing added protection in the case of an exploding lamp. Safety screens must always be used. If you own older fixtures (pre-1990) without safety screens, please contact us and we'll send you free safety screens for your lights.
- Rifas must always be used with front diffuser attached.
- V-lights must always be used with safety glass cylinder installed, surrounding lamp.
- Pro & i must be used with integral front housing & safety glass (prismatic or clear).

Lamp-life & safety information

- Read lamp and fixture instructions including safety warnings.
- Line voltage (or battery voltage) should not exceed lamp voltage.
- Do not touch lamp glass with bare hands even when cold. If touched, clean promptly as body oils shorten lamp-life.
- Install and remove double-ended lamps carefully, with two hands, to avoid damaging porcelain ends.
- Operate fixture in recommended positions only (see fixture instructions). Using some fixtures upside down, sideways or aimed straight down will shorten lamp-life.
- Never block light's ventilation with foil or other materials.
- Avoid turning fixtures on and off frequently as current surges shorten lamp life.
- Two-pin lamps must be fully inserted into their sockets to prevent damage to both lamps and sockets.
- Replace sockets if their contacts are loose or pitted, otherwise, the life of future lamps will be affected.
- Avoid excessive vibration and very fast spot-flood changes when lamps are on.

- Not all lamps are created equal. "Average" Manufacturer's lamp-life ratings mean 50% fail before, 50% fail after, rated life.
- The unusually short life of several identical lamps (bulbs) may indicate a defective manufacturing run. Send us lamp name, code, run number, selling dealer, fixture used and, if possible, failed lamps.
- Lamps should remain in fixtures for normal travel to avoid extra handling and possible damage.
- In situations where it is impractical to interrupt shooting, it is advisable to install new lamps in all fixtures prior to shoot.
- Tungsten-halogen (Quartz) lamps maintain their initial output and color temperature (°Kelvin) with relative consistency until they fail.



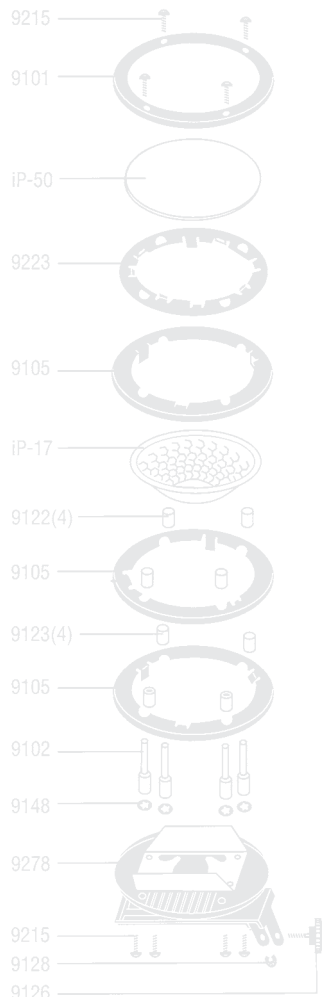
Lowel Dealers

Our equipment is sold only through authorized Lowel dealers in the United States and Canada, as well as any other country where there is a Lowel distributorship. Please contact us for any further information concerning your nearest Lowel dealer.

Repairs, Replacement Parts

Although we sell our products only through authorized dealers in the USA, repairs are made and replacement parts are sold directly to the consumer, as well as through dealers. In the event that repairs or replacement parts are required, contact our factory in Huppauge or your Lowel dealer.

Contact us for a free parts booklet, with order form or download it from our website: www.lowel.com.



Warranty

Limited Warranty

Lowel-Light Manufacturing, Inc. ("Lowel") warrants that its products (other than those products, which by their nature, are consumed), under normal use, in accordance with operating instructions, will perform to the specifications published by Lowel at the time of purchase, for the following periods, from the date of purchase by the consumer.

Five Years: with respect to stands and poles.

Two Years: with respect to lighting fixtures only.

One Year: with respect to all other products (other than those products which by their nature are consumed).

Lowel warrants that those products, which by their nature are consumed, such as gels and Gaffer-tape, under normal use, in accordance with instructions for use, will perform to the specifications published by Lowel at the time of purchase.

In the event of a defect reported by the consumer within the applicable time period, if any, Lowel will, at its option, replace or repair the defective merchandise at no charge to the consumer for either parts or labor.

The consumer should be aware that Lowel does not manufacture lamps and therefore makes no warranty with respect to these products. However, the warranty of the manufacturer of such products, if any, shall be assigned to consumer if permitted by such manufacturer.

Repairs and Replacement Parts

If Lowel shall, upon the request of the consumer, install, alter, modify or repair any Lowel product, or component thereof, then Lowel shall warrant such product, or component, from the date of installation, alteration, modification, or repair, in accordance with the specifications published by Lowel for the applicable time period, if any, for such period or component, and under the conditions, limitations, and procedures set forth in this warranty. Lowel will not be responsible for any loss, damage, or expense of any kind resulting from the installation, alteration, modification, or repair of any Lowel product by any entity other than Lowel.

Procedure

In order to make a claim under the above warranty, the consumer must, within the applicable time period, if any, bring or send, postage paid, the defective product and proof of purchase (or, if applicable, proof of installation, alteration, modification, or repair by Lowel) to the consumer's Lowel dealer or to the Lowel factory in Huppauge, N.Y.

Warranty Exclusions

THE WARRANTY SET FORTH ABOVE IS THE ONLY WARRANTY MADE BY LOWEL WITH RESPECT TO LOWEL PRODUCTS AND LOWEL DISCLAIMS ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ANY LIABILITY WITH RESPECT TO SAME WHETHER IN CONTRACT, TORT OR OTHERWISE. IN NO EVENT SHALL LOWEL BE LIABLE FOR LOST PROFITS, OR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES INCURRED BY THE CONSUMER.

Some states do not allow limitations on how long an implied warranty lasts, and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

General

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Trademarks

The Lowel-Light Mfg., Inc. signature shown below and the following are trademarks of Lowel-Light Manufacturing, Inc.: Lowel Omni-system, Lowel Omni-light, Lowel Tota-system®, Tota-light®, Lowel DP Light, Lowel Softlight 2, Lightreflector, Variflector, Frame-up, Lobo, Lowel Light Array, Lowel ViP System, Lowel Pro-light, Lowel i-light, Lowel V-light, LowelDimmer, GO Kits, Missing-Link, Fren-L 650, Lowel Gel File, Rifa-lite®, Tota-shade, Fin-S, Litebags, Core Kits, Gel-jawz, Caselite®, Lowel Fluo-Tec, LowelScandles, IR DMX Controller, IR DMX Translator, Lowel®, Ego®. This is only a partial list and does not include all trademarks currently owned. Velcro is a registered trademark (not owned by Lowel)

Changes

We reserve the right to change, in whole or in part, prices, product specifications, products offered, terms and conditions of sale, and policies without notice.



By Code

BL-10	Matters of Light & Depth by Ross Lowell	68	D2-26	DP Brella (Special/White)	42	F1-30	Lobo	46	FVL	120V/200W, 3200K, 200 hr.	25
BL-80	Blender AC Adaptor	5	D2-50	Diffused Glass	17	F1-40	Lobo Arm	46	FVM	120V/105W, 3200K, 250 hr.	25
BL-85	LED Cigarette Plug Cable	5	D2-51	Dichroic Filter	17	F1-41	Lobo & Lobo Arm	46	GCA	120V/250W, 3200K, 500 hr.	7
BL-82	LED 4-Pin XLR Cable	5	D2-52	Clear Glass	17	F1-70	Day Blue	43	GCB	30V/200W, 3200K, 100 hr.	7
BL-83	LED Anton Bauer D-Tap Cable	5	D2-53	Snoot	17	F1-71	ND 3	43	GCC	12V/100W, 3200K, 100 hr.	7
BLN-10	Lowel Blender	4	D2-532	DP Narrow Snoot	17	F1-72	Frost	43	GCY	230V/500W, 3150K, 150 hr.	13
BLN-10E	Lowel Blender CE	4	D2-54	Full Scrim	17	FCM/HR(FWM)	120V/650W, 3200K, 400 hr.	12	GDA	120V/500W, 3150K, 100 hr.	6
BLN-50	Blender Front Accessories (set of 4)	5	D2-55	Half Scrim	17	FCZ	120V/500W, 3000K, 2600 hr.	12	GF-10	Tota/Omni Gel File	43
BLN-911LB	Blender AC/DC Pack - Panasonic	5	D2-56	Graduated Scrim	17	FDN	120V/500W, 3200K, 400 hr.	12	GF-15	DP Gel File	43
BLN-911LBE	Blender AC/DC Pack - Canon (CE)	5	D2-57	Cookaloris	17	FEL	120V/1000W, 3200K, 300 hr.	16	GF-20	Standard Gel File	43
BLN-912LB	Blender AC/DC Pack - Sony	5	D2-61	DP/Rifa Lampak	53	FEP/220	220V/1000W, 3200K, 150 hr.	16	GLF/P44	230V, 235W, 3200K, 100hr	7
BLN-912LBE	Blender AC/DC Pack - Sony (CE)	5	D2-70	Day Blue	43	FEP/240	240V/1000W, 3200K, 150 hr.	16	GO-02	7.75 x 4" Partition	49
BLN-913LB	Blender AC/DC Pack - Canon	5	D2-71	ND 3	43	FKR/230	230V/650W, 3100K, 300 hr.	16	GO-03	4.5 x 4" Partition	49
BLN-913LBE	Blender AC/DC Pack - Canon (CE)	5	D2-72	Frost	43	FLC-55DA	Cinema-plus 55W daylight	28	GO-04	3 x 4" Partition	49
BLN-9145LB	Lowel Blender 1 Light Kit	56	D2-78	Mixed Gels	43	FLC-55TU	Cinema-plus 55W tungsten	28	GO-05	22.75 x 4" Partition	49
BLN-9146LB	Lowel Blender 1 Light Kit w/Sony Sled	56	D2-93Z	DP 3 Kit	73	FLE-CM	Overhead Bracket	39	GO-85	GO 85 Case	48
BLN-9147LB	Lowel Blender 1 Light Kit w/Canon Sled	56	D2-94Z	DP 4 Kit	73	FLE-200	e-studio2	39	GO-85X	Special Purpose GO-85 Case	48
BLN-9145LBE	Lowel Blender 1 Light Kit (CE)	56	D2-96Z	DP Super Remote Kit	74	FLE-200SF	e-studio2 w/stand fitting	39	GO-92LBZ	GO Pro-visions Kit w/Soft Case	70
BLN-9146LBE	Lowel Blender 1 Light Kit (CE) w/Sony Sled	56	D2-97Z	Close Quarters Kit	73	FLE-200CM	e-studio2 w/clamp mount	39	GO-92Z	GO Pro-visions Kit	70
BLN-9147LBE	Lowel Blender 1 Light Kit (CE) w/Canon Sled	56	DMX-010	10ft DMX Cable	36	FLE-200E	e-studio2 (CE model)	39	GO-95Z	T/O GO 95 Kit	68
BLN-921LB	Blender Duo AC/DC Pack-Panasonic	56	DMX-025	25ft DMX Cable	36	FLE-400	e-studio4	39	GO-95Z2	T/O GO 95 Kit w/Tube Case	68
BLN-921LBE	Blender Duo AC/DC Pack- Panasonic (CE)	56	DMX-050	50ft DMX Cable	36	FLE-400SF	e-studio4 w/stand fitting	39	GO-95LBZ	T/O GO 95 Kit w/Soft Case	68
BLN-922LBE	Blender Duo AC/DC Pack-Sony (CE)	56	DMX-TM	DMX Terminator	36	FLE-400CM	e-studio4 w/clamp mount	39	GO-96LBZ	T/O GO 96 Kit w/Soft Case	66
BLN-922LB	Blender Duo AC/DC Pack-Sony	56	DPR-96Z	DP Core 96 Kit	74	FLE-400E	e-studio4 (CE model)	39	GO-96Z	T/O GO 96 Kit	66
BLN-923LB	Blender Duo AC/DC Pack-Canon	56	DPR-98Z	DP Core 98 Kit	74	FLE-600	e-studio6	39	GO-97LBZ	T/O GO 97 Kit w/Soft Case	67
BLN-923LBE	Blender Duo AC/DC Pack-Canon (CE)	56	DPT-90Z	Mini-DP&T Kit	66	FLE-600SF	e-studio6 w/stand fitting	39	GO-97Z	T/O GO 97 Kit	67
BSLD-11	Panasonic Battery Sled	5	DPT-93Z	DP3 Jr. Kit	74	FLE-600CM	e-studio6 w/clamp mount	39	GO-98Z	T/O GO 98 Kit	68
BSLD-13	Canon Battery Sled	5	DT-33	KS Jr. Stand	44	FLO-X1	1 socket eXchange Lamphead	27	GS	Grand Stand	44
BSLD-12	Sony Battery Sled	5	DT-61	DP/Tota Lampak	53	FLO-X127DP	FLO-X1 27w Accessory Pak (120V)	65	GT-12	Gaffer Tape (12 yds)	47
CF-20	Caselite2	28	DT-83	DP-Uni Case	51	FLO-X127DPE	FLO-X1 27w Accessory Pak (240V)	65	GT-30	Gaffer Tape (30 yds)	47
CF-20CE	Caselite2 (Euro/CE approved)	28	DT-84M	DP3 Case	51	FLO-X165DP	FLO-X1 65w Accessory Pak	65	I-01	i-light Complete Set w/Cigarette Plug Connector	9
CF-21	Caselite2 Barndoor/Intensifier	28	DV-901LBZ	Lowel DV Creator 1 Kit w/Soft Case	58	FLO-X180DP	FLO-X1 80W Accessory Pack	65	i-02	i-light Complete Set w/4 pin XLR	9
CF-22	Caselite2 Egg Crate	28	DV-901Z	Lowel DV Creator 1 Kit	58	FLO-X180DPE	FLO-X1 80W Accessory Pack (240V)	65	i-045	i-light Complete Set w/Anton Bauer Tap	9
CF-35	Mounting Plate	28	DV-9013Z	Lowel DV Creator 1 Kit w/T0-83 Case	58	FLO-X3	3 socket eXchange Lamphead	27	i-100	12/14V, 100W, 3200K, 500 hr.	8
CF-36	Stand-Fitting Tilt Bracket	26	DV-9023Z	Lowel DV Creator 44 Kit	58	FLO-X327DP	FLO-X3 27w Accessory Pak (120V)	57	i-55	12/14V, 55W, 3200K, 500 hr.	8
CF-40	Caselite4	26	DV-902LBZ	Lowel DV Creator 44 Kit w/Soft Case	58	FLO-X327DPE	FLO-X3 27w Accessory Pak (240V)	57	i-85	Cig. Lighter 10' Extension Cable	11
CF-40CE	Caselite4 (Euro/CE approved)	28	DV-9024Z	Lowel DV Creator 44 Kit w/T0-84Z Case	58	FLO-X365DP	FLO-X3 65w Accessory Pak	57	id-01	id-light Complete Set w/Cigarette Plug Connector	9
CF-41	Caselite4 Barndoor/Intensifier	28	DV-9034Z	Lowel DV Creator 55 Kit w/T0-84Z Case	59	FLO-X527DP	FLO-X5 27w Accessory Pack	65	id-02	id-light Complete Set w/4-pin XLR	9
CF-42	Caselite4 Egg Crate	28	DV-903LBZ	Lowel DV Creator 55 Kit w/Soft Case	59	FLO-X565DP	FLO-X5 65w Accessory Pack	65	id-045	id-light Complete Set w/Anton Bauer Tap	9
CF-92DA	Caselite2 Daylight Kit	75	DV-903Z	Lowel DV Creator 55 Kit	59	FLO-X580DP	FLO-X5 80W Accessory Pack	65	IP-14	Pro/i Retrofit Kit	9
CF-92TU	Caselite2 Tungsten Kit	75	DVC-91	DV Core 250 Kit	71	FLO-X580DPE	FLO-X5 80W Accessory Pack (240V)	65	IP-20	VIP 4-Way Barndoor	10
CF-94DA	Caselite4 Daylight Kit	75	DVC-913	DV Core 250 Kit w/T0-83 Case	71	FLO-X61	27w eX Lamplube	53	IP-21	Barndoor Frame	10
CF-94TU	Caselite4 Tungsten Kit	75	DVC-91LB	DV Core 250 Kit w/Soft Case	71	FLO-X62	65w eX Lamplube	53	IP-22	Expandable Rectangular Leaf	10
CL-10	Hollywood-strip	43	DVC-92	DV Core 500 Kit	71	FLO-X63	80W eX Lamplube	53	IP-23	Expandable Triangular Leaf	10
CL-15	Gel-jawz (Pkg of 8)	43	DVC-92LB	DV Core 500 Kit w/Soft Case	71	FLS-120	IR DMX External Sensor	33	IP-24	Non-expandable Leaf	10
CL-21	Fin-S (1)	43	DVP-94	DV Pro 44 Kit	72	FLS-250CYDM	Studio 250cy DMX Dimmable	35	IP-24	Clip-leaf (only)	18
CL-85	Compact Fluorescent Case	53	DVP-94LB	DV Pro 44 Kit w/Soft Case	72	FLS-250CYPHD	Studio 250cy Phase Dimmable	35	IP-25	2-Way Barndoor	10
CM-10	Maxa-mount	46	DVP-95	DV Pro 55 Kit	72	FLS-250DM	Studio 250 DMX Dimmable	34	IP-30	Swing-In Accessory Holder	10
CM-11	Maxa-mount & Lobo	46	DVP-95LB	DV Pro 55 Kit w/Soft Case	72	FLS-250DM230	Studio 250 DMX Dimmable, 230V	34	IP-35	Pro & i Focus Knob Extension	9
CM-20	Scissor-mount (2)	46	DYG	30V/250W, 3400K, 15 hr.	13	FLS-250PHD	Studio 250 Phase Dimmable	34	IP-40	Pro & i Gel Frame	43
CM-21	Gridlock (Scissor-mount w/L-link)	11	EHC	120V/500W, 3200K, 300 hr.	16	FLS-450DM	Studio 450, DMX Dimmable	34	IP-49	Pro & i Clear Safety Glass	9
CM-30	Big-foot	46	EHD	120V/500W, 3000K, 2000 hr.	16	FLS-450DM230	Studio 450, DMX Dimmable, 230V	34	IP-50	Diffused Glass only	10
CM-31	Big-foot & Scissor-mount	46	EHF	120V/750W, 3200K, 300 hr.	16	FLS-450PHD	Studio 450, Phase Dimmable	34	IP-50H	Diffused Glass w/Holder	10
CM-50	Safety Cable (3)	46	EHG	120V/750W, 3000K, 2000 hr.	16	FLS-55DA	Studioline 55W/5600K	37	IP-51	Dichroic Filter only	10
CP/96	120V/300W, 3400K, 75 hr.	25	EHZ	120V/300W, 2900K, 2000 hr.	16	FLS-55TU	Studioline 55W/3200K	37	IP-51H	Dichroic Filter w/Holder	10
CP/97	230V/300W, 3200K, 75 hr.	25	EKB	120V/420W, 3200K, 75 hr.	13	FLS-55TU	Studioline 55W/3200K	37	IP-52	Prismatic Glass only	10
D2-10	DP Light	16	EMD	120V/750W, 3200K, 400 hr.	12	FLS-650DM	Studio 650 DMX Dimmable	34	IP-52H	Pro & i Prismatic Glass w/Holder	10
D2-101	DP Light w/ lamp	16	EMF	240V/800W, 3200K, 250 hr.	12	FLS-650DM230	Studio 650 DMX Dimmable, 230V	34	IP-53	Snoot	10
D2-15	#1 Reflector	17	EYL	12V/100W, 3200K, 50 hr.	13	FLS-850DM	Studio 850 DMX Dimmable	34	IP-54	Full Scrim only	10
D2-17	#3 Reflector	17	E1-10	Lowel Ego complete	41	FLS-850DM230	Studio 850 DMX Dimmable, 230V	34	IP-54H	Full Scrim w/Holder	10
D2-19	DP Light Protective Screen	17	E1-10E	Lowel Ego complete (CE)	41	FLS-850PHD	Studio 850 Phase Dimmable	34	IP-55	Half Scrim only	10
D2-20	Complete Barndoor	17	E1-20	Lowel Ego-sweep	41	FLT-300	TRIO™ Light	31	IP-55H	Half Scrim w/Holder	10
D2-21	Barndoor Frame	17	E1-27	Lowel Ego-lamp, daylight	41	FLT-310	TRIO™ Side Barndoors	31	IP-56	Graduated Scrim only	10
D2-22	Rectangular Leaf	17	E1-27E	Lowel Ego-lamp, daylight (CE)	41	FLT-901TU	TRIO™ 1 Light Tungsten Kit	57	IP-56H	Graduated Scrim w/Holder	10
D2-23	Triangular Leaf	17	E1-80	Daylight Fluo Lamp 80W	26	FLT-901DA	TRIO™ 1 Light Daylight Kit	57	IP-70	Day Blue Gels	43
D2-24	DP Frame	17	E1-80E	Daylight Fluo Lamp 80W, 220V AC	26	FLT-903TU	TRIO™ 3 Light Tungsten Kit	57	IP-71	ND 3 Gels	43
D2-25	DP Brella (Standard/Silver)	42	E1-92E	Lowel Ego 2 Light Set	41	FLT-903DA	TRIO™ 3 Light Daylight Kit	57	IP-72	Frost Gels	43
			E1-92E	Lowel Ego 2 Light Set (CE)	41	FSH	120V/125W, 3200K, 100 hr.	7	IP-78	Assorted Gels	43
						FTK	120V/500W, 3200K, 100 hr.	13	IP2-18	Pro-light Front Housing	9

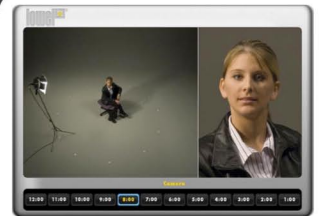


By Code

IP2-19	#2 w/Front Housing & Clear Glass	9	LC-9456	Rifa eX Small Triple Soft Kit	64	ML-16	Missing Link & Small Spring Clamp	47	T1-26	Tota-brella Special (white)	42
JCV14.5V-50WC			LC-9456LB	Rifa eX Small Triple Soft Kit w/Soft Case	64	ML-17	Missing Link & Large Spring Clamp	47	T1-30	Tota-clamp	46
	12/14V, 50W, 3200K, 100 hr.	7	LC-94563	Rifa eX Small Triple Soft Kit (w/TO-83)	64	O1-10	Omni-light (standard)	14	T1-32	Tota-mount	46
JCD120V-300WC	120V/300W, 3200K, 70 hr.	13	LC-94LBZ	Rifa eX 44 Kit w/Soft Case	60	O1-101	Omni-light (standard) w/lamp	14	T1-34	Tota-tatch (1)	42
JCD230V-300WC	230V/300W, 3200K, 75 hr	13	LC-94Z	Rifa eX 44 Kit	60	O1-12	Omni-light 12v	14	T1-36	Tota-tiller	46
JCD240V-500WC	240V/500W, 3200K, 50 hr.	13	LC-945Z	Rifa eX 44 Kit w/GO-85 Case	60	O1-13	Omni-light 30V	14	T1-50	Flexi-shaft	42
JCV220V-500WBM	220V/500W, 3000K, 2000 hr.	16	LC-94XDZ	Rifa 44 eXtra/Flo Kit	60	O1-15	#1 Reflector	12	T1-52	Tota-flag	42
JCV240V-500WBM	240V/500W, 3000K, 2000 hr.	16	LC-94DLBZ	Rifa 44 eXtra/Flo Kit w/Soft Case	60	O1-17	#3 Reflector	14	T1-54	Tota-flector	42
K1-10	Interlink	47	LC-9568	Rifa eX Big Triple Soft Kit	64	O1-19	Omni-light Protective Screen	14	T1-61	Tota Lampak	53
K1-11	Double Male Stud	47	LC-95LBZ	Rifa eX 55 Kit w/Soft Case	61	O1-20	Complete Barndoor	14	T1-70	Day Blue	43
KCL	Ceiling Link	46	LC-95Z	Rifa eX 55 Kit	61	O1-21	Barndoor Frame	14	T1-71	ND 3	43
KG	Grip	47	LC-953Z	Rifa eX 55 Kit w/TO-83 Case	61	O1-22	Rectangular Leaf	14	T1-72	Frost	43
KP	Full Pole (3 Section)	45	LC-9580DZ	Rifa 55 eXtra/Flo 80 Kit	61	O1-23	Triangular Leaf	14	T1-78	Assorted Gels	43
KPH	Half Pole (3 Section)	45	LC-96LBZ	Rifa eX 66 Kit w/Soft Case	62	O1-33	Omni-stand	44	T1-80	16' Tota/Omni Cable	15
KS	KS Stand	45	LC-963Z	Rifa eX 66 Kit w/TO-83 Case	62	O1-50	Diffused Glass	15	T1-801	Tota Eurocord 16 ft. (5m)	15
KSA	KSA Stand	45	LC-963Z	Rifa eX 66 Kit w/TO-83 Case	62	O1-51	Dichroic Filter	15	T1-802	Tota UK cord 16 ft. (5m)	15
L1-100F	100W Flood	18	LC-9680DZ	Rifa 66 eXtra Flo 80 Kit w/Soft Case	62	O1-52	Clear Glass	15	T1-808	10' Unswitched Cable	15
L1-100S	100W Spot	18	LC-9680DLBZ	Rifa 66 eXtra Flo 80 Kit w/Soft Case	62	O1-53	Snoot	15	T1-82	Tube Case	50
L1-20	4-way Clip-on Barndoor	18	LC-9680DLBZ	Rifa 66 eXtra Flo 80 Kit w/Soft Case	62	O1-53Z	Omni Narrow Snoot	15	T1-903Z	TO GO 95 Kit w/TO-83 Case	66
L1-21	Clip-on Barndoor Frame (only)	18	LC-9680DLBZ	Rifa 66 eXtra Flo 80 Kit w/Soft Case	62	O1-54	Full Scrim	15	T1-923LBZ	Trans-kit w/Soft Case	66
L1-25	2-way Clip-on Barndoor	18	LC-98LBZ	Rifa eX 88 Kit w/Soft Case	63	O1-55	Half Scrim	15	T1-923Z	Trans-kit	66
L1-32	Home-plate	18	LC-98Z	Rifa eX 88 Kit	63	O1-56	Graduated Scrim	15	TH-X300	eXchange Lamphead	19
L1-50H	Home-plate w/Diffused Glass	18	LC-98MZ	Rifa eX 88 Kit w/MCSER Case	63	O1-57	Cookaloris	15	TH-X300P	TH-X300 Accessory Pak (120V)	21
L1-51H	Home-plate w/Dichroic Filter	18	LC-9880DX	Rifa 88 eXtra/Flo 80 Kit	63	O1-61	Omni Lampak	53	TH-X300PE	TH-X300 Accessory Pak (240V)	21
L1-52H	Home-plate w/Clear Glass	18	LC-9880DMZ	Rifa 88 eXtra/Flo 80 Kit w/MCSER Case	63	O1-81	5' Omni 30V Cable	15	TO-01	29.25 x 4" Partition	49
L1-93U	Mid-L Kit	75	LC-9880DLBZ	Rifa 88 eXtra/Flo 80 Kit w/Soft Case	63	O1-86Z	Omni 86 Case	51	TO-61	Tota/Omni Lampak	53
L1-93U5	Mid-L Kit w/GO-85 Case	75	LCP-944	Rifa eX Pro 44 Kit	60	O1-923Z	Action Kit w/TO-83 Case	67	TO-83	Tota/Omni 83 Case	48
L1-93ULB	Mid-L Kit w/Soft Case	75	LCP-944LB	Rifa eX Pro 44 Kit w/Soft Case	60	O1-92LBZ	Action Kit w/Soft Case	67	TO-83X	Special Purpose TO-83 Case	48
L2-10	L-light w/Stand-link	18	LCP-944LB	Rifa eX Pro 44 Kit w/Soft Case	60	O1-92Z	Action Kit	67	TO-84Z	Tota/Omni 84 Case	49
L2-101	L-light & Stand-link w/lamp	18	LCP-9443	Rifa eX Pro 44 Kit w/TO-83 Case	60	O1-93LBZ	Omni 3 Kit w/Soft Case	66	TO-95Z	Ambi Kit	69
L2-15	L-light w/Home-plate	18	LCP-955	Rifa eX Pro 55 Kit	61	O1-93Z	Omni 3 Kit	66	TO-96Z	Solo Kit	67
LA	Lowel Anchors (4)	45	LCP-9553	Rifa eX Pro 55 Kit w/TO-83 Case	61	O1-953Z	Omni 4 Kit w/TO-83 Case	67	TO-973LBZ	Basically 3 Kit w/Soft Case	69
LB-04	19.25 x 4" Partition	49	LCP-9553	Rifa eX Pro 55 Kit w/TO-83 Case	61	O1-95Z	Omni 4 Kit	67	TO-973Z	Basically 3 Kit	69
LB-05	22 x 4.5" Partition	49	LCP-955LB	Rifa eX Pro 55 Kit w/Soft Case	61	P1-80	12' Pro Cable	11	TO-983Z	Elemental Kit	68
LB-06	7.5 x 4.5" Partition	49	LCP-95XDZ	Rifa 55 eXtra/Flo Kit	61	P1-81	2-pin 30V Cable	11	TO-98LBZ	Elemental Kit w/Soft Case	68
LB-07	11.5 x 3.5" Partition	49	LCP-95XDLBZ	Rifa 55 eXtra/Flo Kit w/Soft Case	61	P1-82	4-pin XLR Cable	11	TOR-943	Tota/Omni Core 44 Kit	68
LB-08	29 x 6" Partition	52	LCP-966	Rifa eX Pro 66 Kit	62	P1-93ULBZ	GO All Pro Kit w/Soft Case	71	TOR-94LB	Tota/Omni Core 44 Kit w/Soft Case	68
LB-09	7.75 x 6" Partition	52	LCP-9663	Rifa eX Pro 66 Kit w/TO-83 Case	62	P1-93UZ	GO All Pro Kit	71	TOR-95LBZ	Tota/Omni Core 55 Kit w/Soft Case	69
LB-10	13 x 3.5" Partition	52	LCP-966LB	Rifa eX Pro 66 Kit w/Soft Case	62	P2-10	Pro-light	9	TOR-95Z	Tota/Omni Core 55 Kit	69
LB-30	Small Litebag Soft Case w/partitions	52	LCP-988	Rifa eX Pro 88 Kit	63	P2-101	Pro-light w/lamp	9	TORP-955	Super Ambi Kit	59
LB-35	Large Litebag Soft Case w/partitions	52	LCP-988LB	Rifa eX Pro 88 Kit w/Soft Case	63	P2-10CE	Pro-light (Euro/CE approved)	9	TRF-86	TRIO 3 Light Case	51
LB-40	Large Rifa Litebag	52	LCP-988M	Rifa eX Pro 88 Kit w/ MCSER Case	63	P2-80	12' Pro Cable w/IEC connector	11	UN-33	Uni-stand	44
LB-45	Small Rifa Litebag	52	LF	Large Lightflector	42	P2-801	12' Pro Euro Cable	11	UN-55	Uni TO Stand	44
LC	Lowel Casters (3)	45	LFGO	Lowel Lightflector	42	P2-802	12' Pro UK Cable	11	UN-66	Uni Sr. Stand	44
LC-30	Balance Bar	24	LFGOT	Small Lightflector w/Tilter	42	P2-81	1' 2-pin 30V Cable	11	V-85	V Shoulder Case	50
LC-44EX	Rifa eX 44	20	LFT	Large Lightflector w/Tilter	42	P2-82	1' 4-pin XLR Cable	11	V1-10	V-light	6
LC-44EX1	Rifa eX 44 w/lamp	20	LSF-05DA	LowelScandles & C/Conc (Day)	30	P2-85	1' 12v Cigarette Lighter Cable	11	V1-101	V-light w/lamp	9
LC-44D	Standard diffuser for LC-44	20	LSF-05TU	LowelScandles & C/Conc (Tungsten)	30	R1-82	Rifa Small Tube Case	50	V1-10CE	V-light (Euro CE approved)	9
LC-44EC/30	30° Egg Crate for LC-44	20	LSF-10DA	LowelScandles Light (Daylight)	30	R1-83	Rifa Large Tube Case	50	V1-240/50	240/250V, 500W, 3150K, 100hr.	6
LC-44EC/40	40° Egg Crate for LC-44	20	LSF-10TU	LowelScandles Light (Tungsten)	30	R2-82	1' 4 pin XLR Switched Cable	24	V1-90USZ	GO Easy-V Kit w/GO-85 Case	70
LC-44EC/50	50° Egg Crate for LC-44	20	LSF-15	Collapsible Cone w/front diffuser	30	R2-85	1' 12v Switched Cigarette/Car Cable	24	V1-90ULBZ	GO Easy-V Kit w/Soft case	70
LC-47	Daylight Gel Set/Rifa eX 44	24	LSF-17	Aluminum Cone Reflector	30	SC-10	Large Space-clamp	46	V1-90UZ	GO Easy-V Kit	70
LC-55EX	Rifa eX 55	21	LSF-18DA	Special 18w 8" (Daylight)	30	SC-15	Large Bar	46	VIP-35	Vipod (only)	11
LC-55D	Standard diffuser for LC-55	21	LSF-18TU	Special 18w 8" (Tungsten)	30	SC-30	Stud Bracket	46	VIP-35S	Vipod w/Stud-link	11
LC-55EC/30	30° Egg Crate for LC-55	21	LSF-208	8" Polycarbonate Lamp Shield	30	SC-35	Clamping Arm (1)	46	VIP-36	L-link	10
LC-55EC/40	40° Egg Crate for LC-55	21	LSF-212	12" Polycarbonate Lamp Shield	30	SP-90	Big Boom	47	VIP-37	Low-link	10
LC-55EC/50	50° Egg Crate for LC-55	21	LSF-24DA	Standard 24w 12" (Daylight)	30	SP-91	Basic Boom	47	VIP-38	Stud-link	10
LC-57	Daylight Gel Set/Rifa 55 eX	43	LSF-24TU	Standard 24w 12" (Tungsten)	30	SP-93	Background Support	47	VIP-39	Stand-link	10
LC-66EX	Rifa eX 66	22	LSF-81	Small Scandle Case	51	SP-95Z	VIP Boom	47	VIP-41	Cam-link	10
LC-66EX1	Rifa eX 66 w/ lamp	22	LSF-82	Big Scandle Case	51	SS-10	Air Cushioned Shoulder Strap	52	VIP-41L	Cam-link and Low-link	10
LC-66D	Standard diffuser for LC-66	22	LSF-92DA	LowelScandles Two Light Kit (Daylight)	75	SX-10	SoftCore (less lamphead)	27	VIP-41S	Cam-link & Stud-link	10
LC-66EC/30	30° Egg Crate for LC-66	22	LSF-92TU	LowelScandles Two Light Kit (Tungsten)	75	SX-101	SoftCore w/FLO-X1 Head	27	VIP-431	Handle & Stud	11
LC-66EC/40	40° Egg Crate for LC-66	22	LSS	Screw-in Stud (2)	47	SX-103	SoftCore w/FLO-X3 Head	27	VIP-50	Flag-link	9
LC-66EC/50	50° Egg Crate for LC-66	22	LW	Lowel Weight	45	SX-105	SoftCore w/FLO-X5 Head	27	VIP-61	VIP Lampak	53
LC-67	Daylight Gel Set/Rifa eX 66	37	MC-01	Partition 10.25 x 4"	49	SX-903LB	SoftCore FLO-X3 Kit	57	VIP-86	VIP Shoulder Case	50
LC-87	Daylight Gel Set/Rifa eX 88	37	MCSER	Rifa Multi Case	51	T1-10	Tota-light®	14	VP-97ULBZ	GO Jet Set Kit w/Soft Case	71
LC-88EX	Rifa eX 88	23	ML-10	Missing Link clamp	47	T1-101	Tota-light® w/lamp	14	VP-97UZ	GO Jet Set Kit	71
LC-88EX1	Rifa eX 88 w/lamp	23	ML-12	Small Spring Clamp w/Stud	47	T1-19	Tota-light Protective Screen	14	VP-98ULBZ	GO Intro-kit w/Soft Case	70
LC-88D	Standard diffuser for LC-88	23	ML-13	Large Spring Clamp w/Stud	47	T1-20	Tota-frame	43	VP-98UZ	GO Intro-kit	70
LC-88EC/30	30° Egg Crate for LC-88	23				T1-21	Tota-shade (1)	14	X1-65	65W Daylight Fluo Lamp	25
LC-88EC/40	40° Egg Crate for LC-88	23				T1-24	Tota-shade (4)	14			
LC-88EC/50	50° Egg Crate for LC-88	23				T1-25	Tota-brella Standard (silver)	42			

Alphabetical

A		H		P		U	
Anchors	45	Half Pole	44	Padded Strap	52	Umbrellas	42
B		Hollywood-strip	43	Partitions Hard Case	49	Uni-Sr. Stand	44
Background Support	47	Home Plate	18	Partitions Soft Cases	52	Uni-stand	44
Balance Bar (Rifa)	24	I		Poles	44	Uni TO Stand	44
Big-foot	46	id-light	8	Pro & i Gel Frame	43	V	
Blender	4	i/id-light Lamps	8	Pro & i-light Components	9	ViP Cases	48
Blender Carry Bags	52	i-light	8	Pro-light	7	ViP Components	9
Blender Kit & Packs	56	Interlink	47	Pro-light Lamps	7	ViP Kits	70
Book	77	IP & L-light Gels	43	Protective Screen, DP	18	ViP Lampak	53
Booms	47	IR DMX Controller	33	Protective Screen, Omni	14	V-light	6
C		IR DMX External Sensor	33	Protective Screen, Tota	14	V-light Components	9
Cam-link	11	K		R		V-light Lamps	6
Carry Strap	52	KSA Stand	44	Rifa All Soft Kits	64	W	
Caselite 2 & 4	28	KS Jr. Stand	44	Rifa Cases	50	Weight	45
Caselite Components	29	KS Stand	44	Rifa eXchange System Lampheads	19		
Caselite Kits	75	L		Rifa eXchange Accessory Packs	65		
Caselite Lamps	28	Lampaks	53	Rifa Gels	43		
Cases, Hard	48	Lamps, Caselite	28	Rifa eX (44, 55, 66, 88)	19		
Cases, Soft	52	Lamps, DP	16	Rifa eX Components	24		
Cases, with Moveable Partitions	49	Lamps, Fluo-Tec	37	Rifa eX Egg Crates	21		
Casters	45	Lamps, i/id	8	Rifa eX Kits	60		
Ceiling Link	46	Lamps, L-light MR-16 Screw-in	18	Rifa eX Lamps	25		
D		Lamps, LowelScandles	30	Rifa Pro Kits	60		
DMX Cables	36	Lamps, Omni-light	13	Rifa Soft Cases	52		
Double Male Stud	47	Lamps, Pro-light	7	Rigs	47		
DP Brellas	42	Lamps, Rifa-eX	25	S			
DP Core Kits	74	Lamps, Tota-light	12	Safety Cable	46		
DP Frame	43	Lamps, TRIO	31	Scandles	30		
DP Gels	43	Lamps, V-light	6	Scandles Components	30		
DP Kits	74	Lightflectors	42	Scandles Case	51		
DP Lamps	16	Litebags	52	Scandles Kit	75		
DP Light	16	L-light & Components	18	Scandles Lamps	30		
DP Light Components	17	L-light Kit	75	Scissor-mount	46		
DP/Rifa Lampak	53	L-link	10	Screw-in Stud	47		
DP System Plus Kit	74	Lobo, Lobo Arm	46	SoftCore	26		
DP & T Kit	74	Lowel DV Creator Kits	58	SoftCore Kit	57		
DP/Tota Lampak	53	Lowel Ego	40	Space-clamp	46		
DV Core Kits	70	Lowel Fluo-Tec Studio	32	Spring Clamps (Large & Small)	47		
DV Creator Kits	58	LowelScandles	30	Stands	44		
DV Pro Kits	72	Low-link	10	Studio 250	34		
E		M		Studio 250cy	35		
e-studio Fluorescent	38	Matters of Light & Depth	76	Studio 450	34		
eXchange System Lampheads	19	Maxa-mount	46	Studio 650	34		
eXchange Accessory Packs	65	Missing Link	47	Studio 850	34		
Ego	40	MR-16 Glass Accessories	18	Stud-link	10		
F		Multi System Kits	59	T			
Fin-S	43	O		Tape, Gaffer	47		
Flag-link	9	Omni Cases	51	Tota-brellas	43		
Flexi-shaft	42	Omni GO Kits	66	Tota-clamp	46		
Fluorescent eX Lamptubes	24	Omni Kits	66	Tota-daptor	47		
Fluo-Tec Studio	32	Omni Lampak	53	Tota-flag	42		
Fluo-Tec Lamps	37	Omni-light	13	Tota-flector	42		
Fluo-Tec Light Controls	33	Omni-light Components	14	Tota-frame	43		
Full Pole	44	Omni-light Lamps	13	Tota Kits	66		
G		Omni-stand	44	Tota Lampak	53		
Gaffer-tape	47			Tota-light	12		
Gel Files	43			Tota-light Components	14		
Gel Frames	43			Tota-light Lamps	12		
Gel-jawz	43			Tota-mount	46		
Gels	43			Tota/Omni Cases	49		
GO 85 Case	48			Tota/Omni Core Kits	68		
Grand Stand	44			Tota/Omni Gels	43		
Gridlock	10			Tota/Omni Kits	67		
Grip	47			Tota/Omni Lampak	53		
				Tota-shade	14		
				Tota-tatch	14		
				Tota-titter	46		
				TRIO	31		
				TRIO Kits	57		



lowel[®] EDU



lowel[®]

**Lowel-Light
Manufacturing, Inc.**
90 Oser Avenue,
Hauppauge, NY, 11788
Call: 800 645-2522
631 273-2500
www.lowel.com

TIFFEN[®]
Helping Create the
World's Greatest Images