Fluorescent INDUSTRIAL, STRIPS & CHANNELS

Simkar is proud to introduce the most innovative and comprehensive Industrial Lighting offering available. Our product range covers applications from basic strips to super efficient and innovative Fluorescent Hi-bays combining the best materials with energy efficient electronics and light sources to provide not just a solution but the best solution for almost any environment.

Adjust-a—Bay fluorescent bay lighter combines energy efficient T5 or T8 lamps with a unique, adjustable socket bracket that positions the lamps to provide three different beam patterns. The tool-less adjusting knobs allow the fixture to be used in hi-bay, mid-bay or low-bay applications as needs change. Combined with reflect-a-bay Simkar has a solution for every fluorescent bay-lighting need.

EN2 and EN3 provide superior performance in harsh environments.

Latitude adds a decorative flair in areas where form and function are both a factor.

FLUORESCENT - INDUSTRIAL

This energy-efficient new product has the flexibility to provide lighting in industrial, educational, or retail applications. **Adjust-a-Bay** offers 3-way user adjustability to perform as a low bay, high bay or aisle lighter. Units are available with T5 or T8 lamps in a four or six lamp configuration. Optional uplight provides the ultimate in design flexibility.
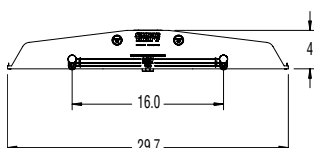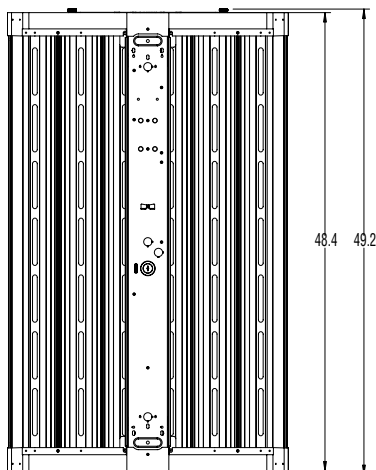
T5 Fixture: 55° C Ambient Temperature
T8 Fixture: 35° C Ambient Temperature

HPT8 AVAILABLE

UL Listed for Damp Locations
Consult Factory for CUL Availability

Dimensions

	Fixture Length	Fixture Width	Fixture Height	Approx. Ship Wt.
432/454	48.4"	19"	4"	21 lbs.
632/654	48.4"	29.7"	4"	28 lbs.

Housing

Fixture has a die formed heavy gauge steel ballast channel with a high-gloss baked white enamel finish over rust-inhibiting phosphate coat. Die-cast aluminum ends have galvanized steel side rails. A hinged ballast channel cover with captive hardware can be opened without tools. Fixture is shipped fully wired. Ample knockouts provided.

Adjustable Optics

Tool-free, adjustable optics assembly provides three user-selectable light distribution patterns: narrow for aisle lighting; medium for high bay; and wide for low bay applications. Easily change the position of the lamp assembly within the reflectors utilizing two thumb screws located on each end cap.

Electrical

Fully wired for 120-277V, 50-60 Hz operation with thermally protected, automatic resetting, Class P, Sound rated A, programmed-start, electronic T5 HO ballast. The 6 lamp unit contains 1-(2) lamp and 1-(4) lamp T5 HO ballast. The 4 lamp unit contains 1- (4) lamp T5 HO ballast as standard. Switch from 6-4, 6-2, 6-0, 4-2, 4-0. Low voltage, high-2-low control on six lamp unit. System watts are 224W (ADJUST 454) and 360W (654). UL listed.

Reflector

The Adjust-a-Bay incorporates computer designed, faceted, extra wide and deep, highly reflective MIRO 4 reflectors which offer 95% reflectance. Sharp cut-off produces maximum usable lumens and minimizes glare. Slotting is available on all reflectors for cooler operation and uplight. Seven slots are located on each reflector. Each slot measures 1/2" wide x 5" long.

Mounting Options

A variety of mounting options are available: surface, pendant, chain hanger assembly, adjustable cable, mono-point hook or slide box. Please order mounting accessories separately.

Light Distribution Settings

The narrow setting provides uniform illumination for tall, vertical surfaces like racking and increased horizontal illumination for aisles below. The middle setting is excellent for mounting heights above 20 feet, while the wide setting provides glare-free illumination at lower mounting heights (below 20 feet). Use the multi-purpose Adjust-a-Bay to light an entire facility to simplify installation and maintenance.
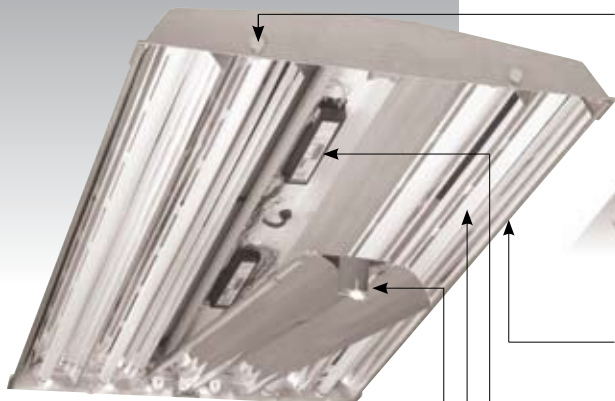
MIRO™ is a registered trademark of Alanod

Adjust-a-Bay Ordering Information

Series	# Lamps	Lamp Type	Aperture	Options	Ballast
ADJUST	4 6	**28** = 28W 48" T5 **54** = 54W 48" T5HO **32** = 32W 48" T8	*Solid reflector is standard* **A** = Aperture; uplight ranges from 7% to 12%	**ELS1** = Emergency Lighting (low lumens) **ELS2** = Emergency Lighting (medium lumens) **ELS3** = Emergency Lighting (high lumens)	**B11** = Electronic T8 **B11HP(x)** = HPT8* **B11VHO** = T8 Very High Output **B12** = T5

*CEE listed T8; specify (L)ow, (N)ormal, or (H)igh ballast factor. Contact factory for NEMA Premium.

Ballast Options	Switching	Voltage	Options
HBF = High Ballast Factor **HT** = High Temperature (Not available with HBF) **PS** = Program Start (Recommended for use with occupancy sensor)	*For 4 lamp units* **4L** = (1) 4-lamp ballast (standard) **2/2L** = (2) 2-lamp ballasts *For 6 lamp units* *Blank* = (1) 4-lamp ballast and (1) 2-lamp ballast (standard) **2/3L** = (2) 3-lamp ballasts	**UNV** = 120-277V **U34** = 347-480V **347** = 347V **480** = 480V	**OS(x)** = Occupancy Sensor (specify # of lamps controlled - 2, 4, 6 or 8) **OSI(x)** = Occupancy Sensor; factory-installed (specify # of lamps controlled - 2, 4, 6 or 8) **OSDL(x)** = Daylight Sensor (specify # of lamps controlled - 2, 4, 6 or 8) **FB*** = Fast blow fuse **SB*** = Slow blow fuse **BP** = Bulk Pack *6' Cord and Plug* **CPT(x)** **1** = 120V **2** = 277V **3** = 208V **4** = 340V **5** = 480V **CP3** = Cord & Plug - 120V Straight Blade 5-15P

Mounting	Accessories
CA24 = Chain Hanger Assembly - (2) 18" chains, (2) "V" hooks, (2) "S" hooks for total drop 24" **PM(x)** = Twin Pendant Mount - 2 white stem kits - specify length (24", 36", 48", 60", 72") **SN** = Snapper Bracket - 1-3/4" for surface mounting or twist and lock onto T-Bar (order 2) **HKSC** = Hook & Chain Assembly - Monopoint mount to four point suspension. (Includes hook, chain, and mounting plate) **CAB72** = Adjustable Cables - includes (4) 6-foot steel aircraft cables, toolless adjusters and mounting hardware.	**AWG4** = 4 Lamp Heavy-Duty Wire Guard **AWG6** = 6 Lamp Heavy-Duty Wire Guard **AWG4T** = 4 Lamp Heavy-Duty Wire Guard - Top (Recommended for gym applications) **AWG6T** = 6 lamp heavy-duty wire guard - Top (Recommended for gym applications) **ADJ4** = 4 Light acrylic Lens (Lift And Shift) **ADJ6** = 6 Light acrylic Lens (Lift And Shift) **WADJ4** = 4 Light acrylic Lens And Heavy Duty Wire Guard Combo **WADJ6** = 6 Light acrylic Lens And Heavy Duty Wire Guard Combo

See the light ... see the difference in your energy bills

Put Light Where You Want It

Three user-selectable beam patterns for maximum illumination from a minimum number of fixtures.

WIDE DISTRIBUTION — LOW BAY

MEDIUM DISTRIBUTION — HIGH BAY

NARROW DISTRIBUTION — AISLE LIGHTER

Superior Illumination

Extra deep and wide MIRO 4 reflectors punch light downward for maximum horizontal and vertical illumination with less glare.

Same Light at a Lower Cost

Control-friendly, energy efficient programmed start ballast minimizes input watts and optimizes lamp life. Combine with optional motion sensor to increase savings. Nothing saves like turning the lights off!

Runs Cooler, Stays Cleaner

Thermally efficient, fully exposed reflectors maximize lumen output at higher ambient temperatures and repel dirt. Self-cleaning convective airflow keeps the fixture cool.

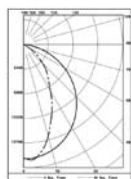Circulating convective airflow

Easy to Access

Tool-less ballast access via captive thumbscrew for quick installation and servicing. Don't waste valuable labor and equipment time fiddling with screws.
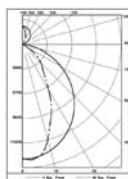
NO SCREWS

The **Adjust-a-Bay** offers the following unique features to provide non-stop energy savings and lower installation & maintenance costs:

- Adjustable optics; three settings

- Energy saving; electronic T5 HO and T8 systems

- Exposed reflectors for cooler, cleaner operation

- Extra deep and wide reflectors for superior light control

- Tool-less ballast access

- Flexible mounting options

FLUORESCENT - INDUSTRIAL

T5HO Programmed Start, Electronic Ballast

Adjust
654HOB12
6 Light T5 HO

Adjust
654AHOB12
6 Light T5 HO with uplight

Adjust
454HOB12
4 Light T5 HO
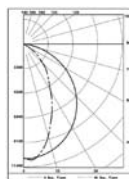
Adjust
454AHOB12
4 Light T5 HO with uplight
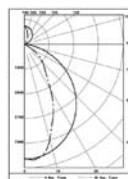
Row 1 (Narrow Distribution / Aisle Lighter):

Efficiency 98.4%
Spacing criterion
0° = 1.2
90° = .8
0°
90°

Efficiency 92.4%
Spacing criterion
0° = 1.2
90° = .9
0°
90°
11.6% uplight

Efficiency 98.4%
Spacing criterion
0° = 1.2
90° = .8
0°
90°

Efficiency 92.4%
Spacing criterion
0° = 1.2
90° = .9
0°
90°
11.6

Row 2 (Medium Distribution / High Bay):
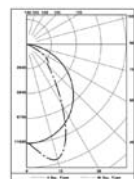
Efficiency 99.0%
Spacing criterion
0° = 1.3
90° = 1.1
0°
90°
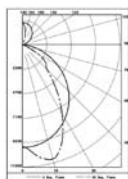
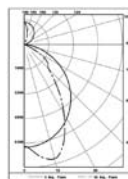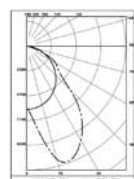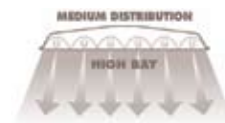Efficiency 95.3%
Spacing criterion
0° = 1.2
90° = 1.2
0°
90°
8.6% uplight
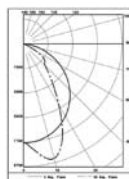
Efficiency 99.0%
Spacing criterion
0° = 1.2
90° = 1.1
0°
90°

Efficiency 93.5%
Spacing criterion
0° = 1.2
90° = 1.2
0°
90°
8.6% uplight

Row 3 (Wide Distribution / Low Bay):

Efficiency 99.0%
Spacing criterion
0° = 1.2
90° = 1.8
0°
90°

Efficiency 94.0%
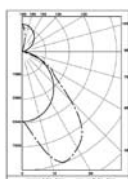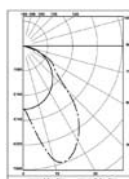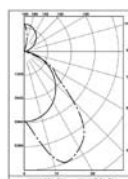Spacing criterion
0° = 1.2
90° = .8
0°
90°
6.8% uplight

Efficiency 99.4%
Spacing criterion
0° = 1.3
90° = 1.8
0°
90°

Efficiency 94.0%
Spacing criterion
0° = 1.2
90° = 1.8
0°
90°
6.8% uplight

T8, Electronic Ballast

Adjust
632B11
6 Light T8
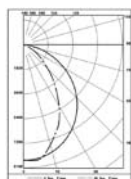
Adjust
632AB11
6 Light T8 with uplight

Adjust
432B11
4 Light T8
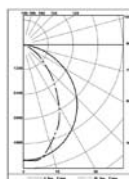
Adjust
432AB11
4 Light T8 with uplight

Row 1 (Narrow Distribution / Aisle Lighter):

Efficiency 93.9%
Spacing criterion
0° = 1.2
90° = 1.0
0°
90°

Efficiency 94.3%
Spacing criterion
0° = 1.2
90° = 1.0
0°
90°
9.2% uplight

Efficiency 93.9%
Spacing criterion
0° = 1.2
90° = 1.0
0°
90°
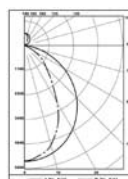
Efficiency 94.3%
Spacing criterion
0° = 1.2
90° = 1.3
0°
90°
9.2% uplight
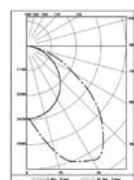
Row 2 (Medium Distribution / High Bay):
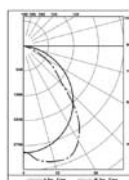
Efficiency 94.9%
Spacing criterion
0° = 1.2
90° = 1.4
0°
90°

Efficiency 94.7%
Spacing criterion
0° = 1.2
90° = 1.4
0°
90°
7.2% uplight

Efficiency 94.9%
Spacing criterion
0° = 1.2
90° = 1.4
0°
90°

Efficiency 94.7%
Spacing criterion
0° = 1.2
90° = 1.4
0°
90°
7.2% uplight

Row 3 (Wide Distribution / Low Bay):
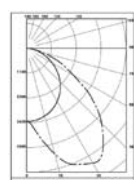
Efficiency 95.3%
Spacing criterion
0° = 1.2
90° = 2.0
0°
90°
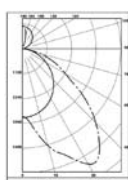
Efficiency 95.4%
Spacing criterion
0° = 1.2
90° = 2.0
0°
90°
5.9% uplight
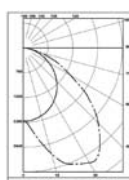
Efficiency 95.3%
Spacing criterion
0° = 1.3
90° = 2.0
0°
90°
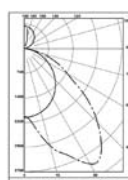
Efficiency 95.4%
Spacing criterion
0° = 1.2
90° = 2.1
0°
90°
5.9% uplight

## More light. Lower costs. Easier to install.

Simkar's new **Reflect-a-Bay™** is the perfect complement to our innovative Adjust-a-Bay series of product. Reflect-a-Bay™ incorporates the same attention to quality and detail as its predecessor, offering both T5 and T8 in four, six, and eight lamp configurations. Coupled with a wide array of options and accessories, Reflect-a-Bay™ is the perfect choice for manufacturing, warehouse, retail or institutional applications, be they new installations or retro-fits.

HPT8 AVAILABLE

Housing

Die formed heavy gauge steel housing with high-gloss baked white enamel finish over rust inhibiting phosphate coat. Fixture is shipped fully wired. Ample knockouts provided.

Reflector

The Reflect-A-Bay is available with an 85% specular reflector for narrow to medium distribution, or a white reflector for wide distribution, perfect for low bay applications.

Mounting Options

A variety of mounting options are available - please see next page for details.

Electrical

Fully wired for 120-277V, 60 Hz AC operation with ETL-CBM, thermally protected, automatic resetting, Class P, sound rated A, programmed-start, electronic T5 HO or T8 ballast. High ballast factor T8 ballasts are also available. 8 lamp unit contains 2 - (4) lamp ballasts. The 6 lamp unit contains 1-(2) lamp and 1-(4) lamp ballast. The 4 lamp unit contains 1- (4) lamp ballast as standard. UL listed.

- Uplighting available on all models
- Save up to 20% in energy when used in place of traditional HID
- Instant-on
- Choose from 7 mounting options, from a chain hanger to a center mount slidebox that's great for HID retrofits
- 4, 6, and 8 lamp versions
- For use with T5 or T8 lamps

Choice of reflectors:
- 85% specular with medium to narrow distribution
- White reflector for wide distribution – great for lowbay applications

Reflect-A-Bay Series Ordering Information

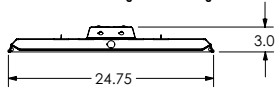| Series	# Lamps	Lamp Type	Aperture	Reflector	Options	Ballast	Switching	Voltage
REF	4 6 8	**32** = F32T8 **54** = F54T5HO	**A** = Aperture **S** = Solid	**SR** = Specular Aluminum **WR** = White	**ELS1** = Emergency Lighting (low lumens) **ELS2** = Emergency Lighting (medium lumens) **ELS3** = Emergency Lighting (high lumens) *NOTE: ELS2 AND ELS3 FOR T8 OPERATE ONE OR TWO LAMPS. ALL OTHERS OPERATE ONE LAMP ONLY.*	**B11** = T8 **B11HP**(x) = HPT8* **B12** = T5 HO	*For 4 lamp units* **4L** = (1) 4-lamp ballast (standard) **2/2L** = (2) 2-lamp ballasts *For 6 lamp units* *Blank* = (1) 4-lamp ballast and (1) 2-lamp ballast (standard) **2/3L** = (2) 3-lamp ballasts *For 8 lamp units* *Blank* = (2) 4-lamp ballasts (standard)	**UNV** = 120-277V **347** = 347V **480** = 480V

*CEE listed T8; specify (L)ow, (N)ormal, or (H)igh ballast factor. Contact factory for NEMA Premium.

Options

OS(x) = Occupancy Sensor
(specify # of lamps controlled - 2, 4, 6 or 8)
OSI(x) = Occupancy Sensor; factory-installed
(specify # of lamps controlled - 2, 4, 6 or 8)
OSDL(x) = Daylight Sensor
(specify # of lamps controlled - 2, 4, 6 or 8)
FB = Fast blow fuse
SB = Slow blow fuse
BP = Bulk Pack
6' Cord and Plug
CPT(x)
1 = 120V
2 = 277V
3 = 208V
4 = 240V
5 = 480V
CP3 = Cord & Plug - 120V Straight Blade 5-15P

3.0
24.75
Reflect-A-Bay 8 light

3.0
18.75
Reflect-A-Bay 6 light

3.0
12.75
Reflect-A-Bay 4 light

48.0

Mounting Accessories (Order Separately)

CA24 = Chain Hanger Assembly - (2) 18" chains, (2) "V" hooks, (2) "S" hooks for total drop 24"
CS24 = S-hook Chain Hanger Assembly - (2) 18" chains, (2) "V" hooks, (2) "S" hooks for total drop 24"
PM(x) = Twin Pendant Mount - 2 white stems - specify length (24", 36", 48", 60", 72")
HKSC = Hook & Chain Assembly - Monopoint mount to four point suspension. (Includes hook, chain, and mounting plate)
CAB(x)72 = Adjustable Cables - includes 6-foot steel aircraft cables, toolless adjusters and mounting hardware. Specify "2" for 2 cables & Y-hanger or "4" for 4 cables.
SBH = Slide Box with hook - Level adjustable for mono-point hook mount.
SBP(x) = Slide Box & Single Pendant Mount- Level adjustable for mono-point pendant mount - specify length (24", 36", 48", 60", 72"). Other lengths available.

Accessories (Order Separately)

RWG(x) = Heavy Duty Wire Guard
REF(x) = acrylic Lens
WREF(x) = acrylic Lens And Heavy Duty Wire Guard Combo

For above, please specify # of lamps (4, 6, or 8)
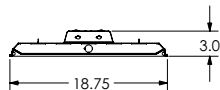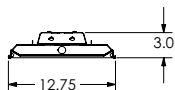
Mountings

Chain Hanger Assembly

Ordering Code
CA24
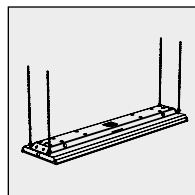
"S" Hook (4)
Chain Hanger Assembly
Ordering Code
CS24
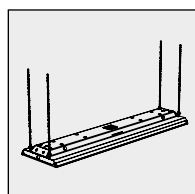
Adjustable Aircraft Cables
Ordering Code
CAB72
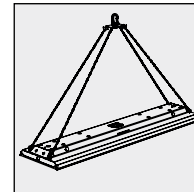
Hook & Chain Assembly

Ordering Code
HKSC
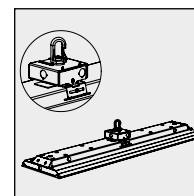
Center Mount Slide Box w/Hook Assembly

Ordering Code
SBH
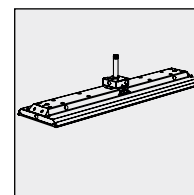
Center Mount Slide Box w/ Pendant Mount

Ordering Code
SBP
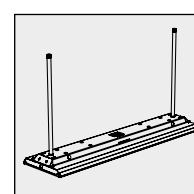
Twin Pendant Mount

Ordering Code
PM2

FLUORESCENT - INDUSTRIAL

Housing

Die-formed heavy gauge steel with high-gloss, baked white enamel finish over rust inhibiting phosphate coat. 7/8" knockouts for easy installation.

Reflector

Specular reflector manufactured from MIRO 4 aluminum in 4' sections to maximize light output and control beam spread. 95% reflectance.

Electrical

Fully wired for UNV 120-277V, 50-60Hz operation with thermally protected, automatic resetting Class P, sound rated A ballast as standard unless otherwise specified. UL listed damp location.

Mounting

Ceiling surface mount *(HO and VHO units must be suspended at least 6" from ceiling for cooler operation and longer ballast life)*, spacing available with Snapper Bracket (SN), CA24 chain kit or stem mount individual or continuous row. AC aligner clips available for continuous runs.

The MIRO® Industrial, designed to replace conventional HID lighting in commercial, industrial, educational and retail applications, combines a performance-boosting MIRO 4 aluminum reflector (95% reflectivity) with the proven energy efficiencies of T5HO or T8 linear fluorescent lamps. This provides increased light levels, improved color rendition, and excellent uniformity while using up to 75% less energy. The MIRO Industrial, available in a choice of sizes, lamp configurations, and mounting, is a cost-effective solution for areas traditionally illuminated using HID fixtures.

HPT8 AVAILABLE

Dimensions

3 7/8"

11 1/2"

MIE Premium Specular Industrial Ordering Information

Series	# Lamps	Lamps	Reflector Options	Options
MIE	1 2 3 21 = Tandem, 2 lamps 22 = Tandem, 4 lamps 23 = Tandem, 6 lamps	28 = 28W 48" T5 32 = 32W 48" T8 48 = 48" Slimline 96 = 96" Slimline *High Output* 48 = 48" HO 54 = 54W T5HO 96 = 96" HO *Very High Output* 48 = 48" VHO 96 = 96" VHO	*Solid is standard* A = Aperture 12% uplight	ELS1 = Emergency Lighting (low lumens) ELS2 = Emergency Lighting (medium lumens) ELS3 = Emergency Lighting (high lumens)

Ballast	Switching	Voltage
HOB5 = High Output Electronic T12 B11 = Electronic T8 B11HP(x) = HPT8* HOB11 = High Output Electronic T8 B12 = Electronic T5 HO = High Output VHO = Very High Output	*For 2 lamp units* *Blank* = single ballast 2/1L = (2) 1-lamp ballasts *For 3 and 4 lamp units* *Blank* = dual ballasts 3L = (1) 3-lamp ballast 4L = (1) 4-lamp ballast *For 6 lamp tandem units* 2/3L = (2) 3-lamp ballasts 2L4L = (1) 2-lamp and (1) 4-lamp ballast	UNV = 120-277V 120 = 120V 277 = 277V

**CEE listed T8; specify (L)ow, (N)ormal, or (H)igh ballast factor. Contact factory for NEMA Premium.*

Accessories
SN - Snapper Brackets **CA24** = Chain Hanger Assembly - (2) 18" chains, (2) "V" hooks, (2) "S" hooks for total drop 24" **CS24** = S-hook Chain Hanger Assembly - (2) 18" chains, (2) "V" hooks, (2) "S" hooks for total drop 24" **HKSC** - Hook & Chain Assembly (24" total drop; 4' fixtures only) **LG48** - 48" wire guard **AC** - Aligner Clip / Joiner **CHJ** - Connector Joiner

MIRO™ is a registered trademark of Alanod
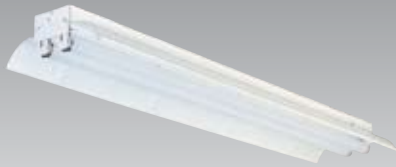
IE Industrial Fluorescent models come standard with patented labor-saving pre-wired flip-up socket bars.

HPT8 AVAILABLE

Housing

Die-formed heavy gauge steel with high-gloss, baked white enamel finish over rust inhibiting phosphate coat. 7/8" knockouts for easy installation.

Reflector

Strong, rigid, die-embossed solid white reflector in 4' sections, standard. Optional "A" apertures for 12% uplight.

Electrical

Fully wired for UNV 120-277V, 50-60Hz operation with thermally protected, automatic resetting Class P, sound rated A ballast as standard unless otherwise specified. UL listed damp location.

Mounting

Ceiling surface mount *(HO and VHO units must be suspended at least 6" from ceiling for cooler operation and longer ballast life)*, spacing available with Snapper Bracket (SN), CA24 in kit or stem mount individual or continuous row. AC aligner clips available for continuous runs.

IE Industrial Ordering Information

| Series	# Lamps	Lamps	Reflector Options
IE	1	**28** = 28W 48" T5	*Solid is standard*
	2	**32** = 32W 48" T8	**A** = Aperture 12% uplight
	3	**48** = 48" Slimline	
		96 = 96" Slimline	
	21 = Tandem, 2 lamps	*High Output*	
	22 = Tandem, 4 lamps	**48** = 48" HO	
	23 = Tandem, 6 lamps	**54** = 54W T5HO	
		96 = 96" HO (1 or 2 lamp only)	
		Very High Output	
		48 = 48" VHO (1 or 2 lamp only)	
		96 = 96" VHO (1 or 2 lamp only)	
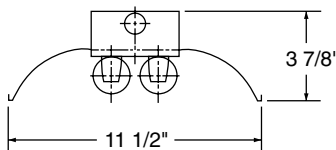
Options	Ballast	Switching	Voltage
ELS1 = Emergency Lighting (low lumens)	**B5** = Electronic T12	*For 2 lamp units*	**UNV** = 120-277V
ELS2 = Emergency Lighting (medium lumens)	**HOB5** = High Output Electronic T12	*Blank* = single ballast	**120** = 120V
ELS3 = Emergency Lighting (high lumens)	**B11** = Electronic T8	**2/1L** = (2) 1-lamp ballasts	**277** = 277V
	B11HP(x) = HPT8*		
	HOB11 = High Output Electronic T8	*For 3 and 4 lamp units*	
	B12 = Electronic T5	*Blank* = dual ballasts	
	HO = High Output	**3L** = (1) 3-lamp ballast	
	VHO = Very High Output	**4L** = (1) 4-lamp ballast	
		For 6 lamp tandem units	
		2/3L = (2) 3-lamp ballasts	
		2L4L = (1) 2-lamp and (1) 4-lamp ballast	

CEE listed T8; specify (L)ow, (N)ormal, or (H)igh ballast factor. Contact factory for NEMA Premium.

Dimensions

3 7/8"

11 1/2"

Accessories

SN - Snapper Brackets
CA24 - Chain Hanger Assembly (24" total drop)
CS24 - "S" Hook (4) Chain Hanger Assembly (24" total drop)
HKSC - Hook & Chain Assembly (24" total drop; 4' fixtures only)
LG48 - 48" wire guard
AC - Aligner Clip
CHJ - Housing Joiner

FLUORESCENT - INDUSTRIAL

Optional reflector end, RE

Simkar IF Premium Turret Industrial specification-grade fixtures feature spring-loaded lamp holders to provide positive lamp contact and retention.

HPT8 AVAILABLE

Housing

Die-formed heavy gauge steel with high-gloss, baked white enamel finish over rust inhibiting phosphate coat. 7/8" knockouts for easy installation. Two-lamp model has 6" on-center lamp spacing.

Reflector

Heavy gauge, rigid, die-embossed reflector with transverse beads, in 4' sections; high-gloss white reflector, or optional "A" apertures for 15% uplight. High reflectance specular aluminum insert (SR) available.

Electrical

Fully wired for UNV 120-277V, 50-60Hz operation with thermally protected, automatic resetting Class P, sound rated A ballast as standard *(except Slimline and HO models)* unless otherwise specified. UL listed damp location.

Mounting

Ceiling surface mount *(HO and VHO units must be suspended at least 6" from ceiling for cooler operation and longer ballast life)*, spacing available with Snapper Bracket (SN), CA24 chain kit or stem mount individual or continuous row.

IF Premium Turret Industrial Ordering Information

Series	# Lamps	Lamps	Reflector Options
IF	2 3 4 **22 =** Tandem, 4 lamps **23 =** Tandem, 6 lamps **24 =** Tandem, 8 lamps	**28 =** 28W 48" T5 **32 =** 32W 48" T8 **48 =** 48" Slimline **96 =** 96" Slimline *High Output* **48 =** 48" HO **54 =** 54W T5HO **96 =** 96" HO *Very High Output* **48 =** 48" VHO **96 =** 96" VHO	**A =** Aperture, 15% uplight

Options	Ballast	Switching	Voltage
SR = Specular Reflector **ELS1 =** Emergency Lighting (low lumens) **ELS2 =** Emergency Lighting (medium lumens) **ELS3 =** Emergency Lighting (high lumens)	**B5 =** Electronic T12 **B11 =** Electronic T8 **B11HP(x) =** HPT8* **HOB11 =** High Output Electronic T8 **B12 =** Electronic T5 **HO** =** High Output **VHO** =** Very High Output	*For 2 lamp units* *Blank = single ballast* **2/1L =** (2) 1-lamp ballasts *For 3 and 4 lamp units* *Blank = dual ballasts* **3L =** (1) 3-lamp ballast **4L =** (1) 4-lamp ballast *For 6 lamp tandem units* *Blank = single ballast* **2/3L =** (2) 3-lamp ballasts **2L/4L =** (1) 2-lamp and (1) 4-lamp ballast	**UNV =** 120-277V **120 =** 120V **277 =** 277V

*CEE listed T8; specify (L)ow, (N)ormal, or (H)igh ballast factor. Contact factory for NEMA Premium.

** Must be spaced at least 6" from ceiling

Options	Accessories

CORD AND PLUG
CPT(x) (twist + lock)
  1 = 120V
  2 = 277V
CP3 = Cord & Plug - 120V Straight Blade 5-15P
	RE = Reflector end
	WG = Wire Guards (page 93)
	IF JOINER = For continuous run

Dimensions

4 1/4" 6 1/4" 6" 12 3/4"

2 Lamp

4 1/4" 6 1/4" 12 3/4"

3 Lamp

4 1/4" 6 1/4" 12 3/4"

4 Lamp

IDP Industrial Decorative fixtures are ideal for spaces where a more refined look is desired. Finished end plates allow for attractive individual mounting.

HPT8 AVAILABLE

Housing

Die-formed heavy gauge steel with high-gloss, baked white enamel finish over rust inhibiting phosphate coat. 7/8" knockouts provided for easy installation. Wired flip-up socket bars standard.

Reflector

Strong, rigid, die-formed white reflector in 4' sections. Optional perforated reflector for ambient uplight available.

Electrical

Fully wired for UNV 120-277V, 50-60Hz operation with thermally protected, automatic resetting Class P, sound rated A ballast as standard unless otherwise specified. UL listed.

Mounting

Surface mount or pendant mount with aircraft cable or stem/canopies. Individual mounting only.

IDP Industrial Decorative Ordering Information

Series	Lamps
IDP	**232** = (2) 32W 48" T8

Ballast	Voltage	Accessories
B11 = Electronic T8 **B11HP**(x) = HPT8*	**UNV** = 120-277V	**PM(x)** = Twin Pendant Mount, 2 white stems - specify length in inches (**24**, **36**, **48**, **60**, **72**) **CACC(xx)** = Cable Kit, includes 2 cables, mounting hardware, white power cord and canopies; specify length in inches (**48** or **72**) **C** = Single white canopy

*CEE listed T8; specify (L)ow, (N)ormal, or (H)igh ballast factor. Contact factory for NEMA Premium.

Dimensions

1 1/8" 3 3/4" 5 1/4" 2 3/8" 14 1/4"

LATITUDE
LOUVERED INDUSTRIAL FLUORESCENT LIGHTING

FLUORESCENT – INDUSTRIAL

The Latitude series is the perfect choice for offices, commercial or industrial applications where a high end, high tech look and superior performance is required.

HPT8 AVAILABLE

Dimensions

3.875"6.00"

2"

12.00"

1.125"

0.875" K.O. (4)

1.125"

48.00"

1.00" 2.00"
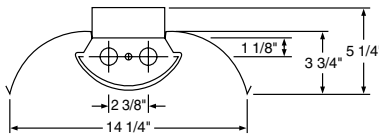
NOT TO SCALE

Introducing Latitude

Rugged elegance best describes the Latitude series of fixtures. We begin with an industrial reflector in either white (LAW) or specular finished (LAM) and add a parabolic aluminum louver in your choice of two finishes: white or semi specular and complete it by offering T5 or T8 lamps in 4' and 8' lengths.

The combination of the rugged industrial reflector and control of the louvers produces a simply elegant fixture with the hardiness of an industrial fixture married with the soft, cut-off performance of high-end, high-tech louvered luminaries. Latitude fixtures are available with a solid reflector or with apertures for an added element of uplighting to get the look you want with the performance you need.

The ability to mount the Latitude series individually or in continuous rows add the versatility and comfort desired in today's fast moving retail, commercial and educational environments.

Housing

Die–Formed heavy gauge steel with high gloss baked white enamel finish over rust-inhibiting phosphate coat. 7/8" knockouts for easy installation.

Reflector

LAW: Strong, rigid, die-embossed solid white painted steel "S" reflector in 4' sections is standard. Optional "A" reflector available with 12% uplight.

LAM: Strong, rigid, die-embossed solid MIRO™ 4 specular aluminum "S" reflector in 4' sections is standard. Optional "A" reflector available with 12% up-light.

Louvers

Louvers provided in 4' sections.

S: Die-formed, parabolic louver made of semi-specular aluminum.

W: Die-formed, parabolic louver made of white painted aluminum.

Electrical

Fully wired for 120-277V, 50-60Hz operation with thermally protected, automatic resetting Class P, sound rated A ballast as s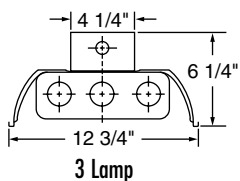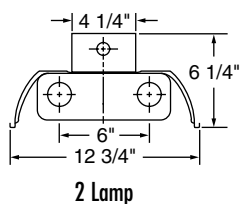tandard unless otherwise specified. UL listed damp location. Optional ballasts and configurations are available upon request.

Mounting

Ceiling, surface or suspended mounting options are available for individual units or continuous rows. White end caps included (packaged separately). *Contact factory for continuous row applications.*

Latitude Series Ordering Information

Series	Size	Uplighting	Louver	# Lamps	Lamp Type
LAW = Latitude White **LAM** = Latitude with MIRO 4 reflector	**4** = 4' **8** = 8'	**A** = Aperture **S** = Solid (none)	**S** = Semi Specular parabolic **W** = White painted parabolic Note: 1 per 4' Section	**1** **2** **3** **2T** = 2 lamps, Tandem **4T** = 4 lamps, Tandem **6T** = 6 lamps, Tandem	**28T5** = F28 T5 **32T8** = F32 T8 **54T5H** = F54 T5 HO

Emergency Lighting	Ballast	Switching	Voltage
ELS1 = Emergency Lighting (low lumens) **ELS2** = Emergency Lighting (medium lumens) **ELS3** = Emergency Lighting (high lumens)	**E** = Electronic **E(x)** = Electronic HPT8* **PS** = Program Start (recommended for use with occupancy sensors; standard on T5)	*For 2 lamp units* *Blank = single ballast* **2/1L** = (2) 1-lamp ballasts *For 3 and 4 lamp units* *Blank = dual ballasts* **3L** = (1) 3-lamp ballast **4L** = (1) 4-lamp ballast *For 6 lamp tandem units* **2/3L** = (2) 3-lamp ballasts **2L4L** = (1) 2-lamp and (1) 4-lamp ballast	**U1** = 120-277 **U3** = 347-480V **347** = 347V **480** = 480V

*CEE listed HPT8 (32W only); specify (L)ow, (N)ormal, or (H)igh ballast factor

Options*	Accessories
Plug-in Systems *Ballast wired to Black:* **PL1 BK** - one circuit, two wires **PL2 BK** - two circuits, three wires **PL3 BK** - three circuits, four wires *Ballast wired to Red:* **PL2 RD** - two circuits, three wires **PL3 RD** - three circuits, four wires *Ballast wired to Blue:* **PL3 BL** - three circuits, four wires *Cord and Plug Options* **CPT**(x) =, "x" = voltage **12** = 120V L5-15P **20** = 208V **24** = 240V **27** = 277V L7-15P **34** = 347V **48** = 480V **CP3** = Cord & Plug - 120V Straight Blade 5-15P	**ECW** = End caps (white, set of 2) **ECS** = End caps (silver, set of 2) **WO** = Without endcaps **AC** = Alignment clips **FB** = Fast blow fuse **SB** = Slow blow fuse **BP** = Bulk pack **CA24** = Chain hanger assembly - (2) 18" chains, (2) "V" hooks, (2) "S" hooks for total drop 24" **CS24** = S-hook chain hanger assembly - (2) 18" chains, (2) "V" hooks, (2) "S" hooks for total drop 24" **PM(x)** = Twin pendant mount - 2 white stems - specify length (**24", 36", 48", 60", 72"**) **HKSC** = Hook & chain assembly - monopoint mount to four point suspension. (Includes hook, chain, and mounting plate) **CAB(x)72** = Adjustable cables - includes 6-foot steel aircraft cables, toolless adjusters and mounting hardware. Specify "**2**" for 2 cables & Y-hanger or "**4**" for 4 cables. **CACC(xx)** = Cable Kit, includes 2 cables, mounting hardware, white power cord and canopies; specify length in inches (48 or 72)

FLUORESCENT - INDUSTRIAL

NEW

LATITUDE
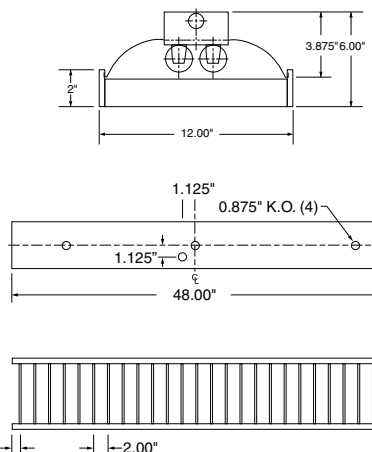LOUVERED INDUSTRIAL FLUORESCENT LIGHTING
CONTOUR

The Latitude series is the perfect choice for offices, commercial or industrial applications where a high end, high tech look and superior performance is required.

HPT8 AVAILABLE

Introducing Latitude Contour

With its distinctive curved blade and rugged construction, Latitude Contour is the perfect fixture for retail, commercial and educational applications. Unlike the standard Latitude with parabolic louvers, Contour has a die formed, post painted, one piece louver with latches to secure the hinged louver to the housing.

Contour is available in 1,2,3, and 4 lamp versions in 4' and 2, 4, 6 and 8 lamp 8' models for 28 and 54 Watt T5 lamps and 32 Watt T8 lamps making Contour not only decorative but practical as well.

Housing:

Die-formed heavy gauge steel with high gloss post-painted baked white enamel finish over rust inhibiting phosphate coat. 7/8" knockouts for easy installation.

Reflectors

Strong, rigid, die-embossed solid white post-painted steel "S" reflector in 4' or 8' sections is standard. Optional "A" reflector available with 12% up-light.

Louver

Die-formed, curved blade louver made of white painted steel with die-formed latches for easy opening and re-lamping. Louvers provided in 4' sections.

Electrical:

Fully wired for 120-277V, 50-60Hz operation with an thermally protected, automatic resetting class "P" electronic ballast. Other ballasts and configurations are available upon request.

Mounting

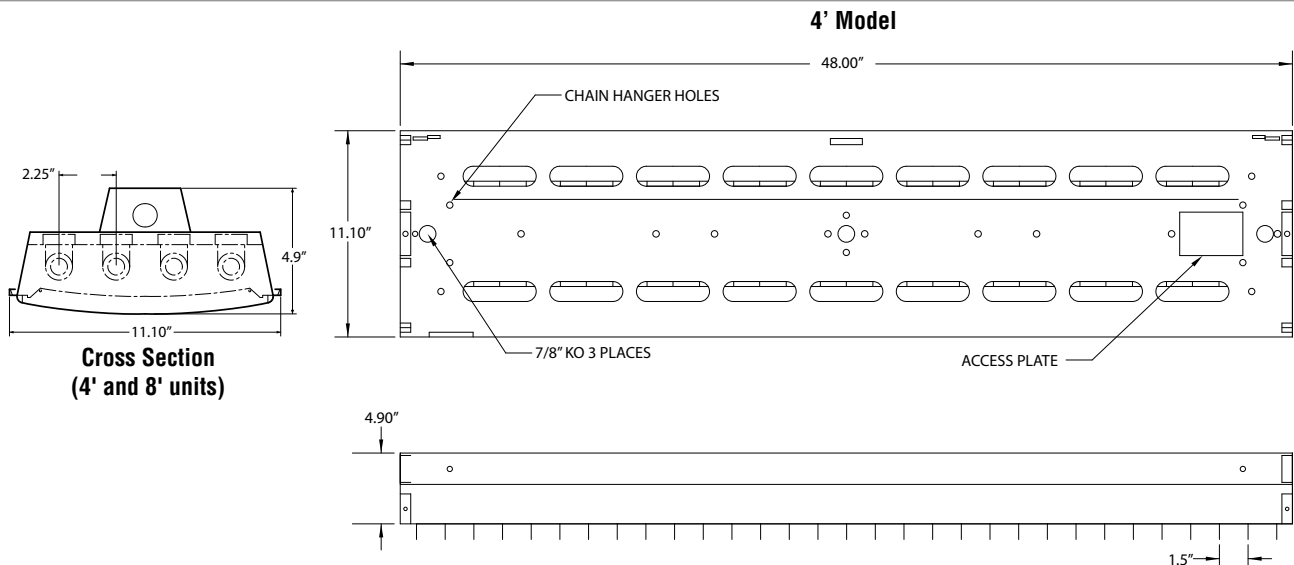Ceiling surface or suspended mounting options are available for individual units or continuous rows.

Dimensions

4' Model

48.00"

CHAIN HANGER HOLES

11.10"

7/8" KO 3 PLACES

ACCESS PLATE

2.25"

4.9"

11.10"

**Cross Section
(4' and 8' units)**

4.90"

1.5"

Latitude Contour Ordering Information

Series	Size	Uplighting	# Lamps	Lamp Type
LAC	4 = 4' 8 = 8'	A = Aperture S = Solid (none)	1 = 1 lamp 2 = 2 lamps 3 = 3 lamps 4 = 4 lamps 2T = 2 lamps, Tandem 4T = 4 lamps, Tandem 6T = 6 lamps, Tandem 8T = 8 lamps, Tandem	28T5 = F28 T5 32T8 = F32 T8 54T5H = F54 T5 HO

Emergency Lighting	Ballast	Switching	Voltage
ELS1 = Emergency Lighting (low lumens) ELS2 = Emergency Lighting (medium lumens) ELS3 = Emergency Lighting (high lumens)	E = Electronic E(x) = Electronic HPT8* PS = Program Start (recommended for use with occupancy sensors; standard on T5)	*For 2 lamp units* Blank = single ballast 2/1L = (2) 1-lamp ballasts *For 3 and 4 lamp units* Blank = dual ballasts 3L = (1) 3-lamp ballast 4L = (1) 4-lamp ballast *For 6 lamp tandem units* 2/3L = (2) 3-lamp ballasts 2L4L = (1) 2-lamp and (1) 4-lamp ballast	U1 = 120-277 U3 = 347-480V 347 = 347V 480 = 480V

CEE listed HPT8 (32W only); specify (L)ow, (N)ormal, or (H)igh ballast factor

Options*	Accessories
Plug-in Systems *Ballast wired to Black:* PL1 BK - one circuit, two wires PL2 BK - two circuits, three wires PL3 BK - three circuits, four wires *Ballast wired to Red:* PL2 RD - two circuits, three wires PL3 RD - three circuits, four wires *Ballast wired to Blue:* PL3 BL - three circuits, four wires **Cord and Plug Options** CPT(x) = Twist and lock, "x" = voltage 12 = 120V L5-15P 20 = 208V 24 = 240V 27 = 277V L7-15P 34 = 347V 48 = 480V CP3 = Cord & Plug - 120V Straight Blade 5-15P	FB = Fast blow fuse SB = Slow blow fuse BP = Bulk pack CA24 = Chain hanger assembly - (2) 18" chains, (2) "V" hooks, (2) "S" hooks for total drop 24" CS24 = S-hook chain hanger assembly - (2) 18" chains, (2) "V" hooks, (2) "S" hooks for total drop 24" PM(x) = Twin pendant mount - 2 white stems - specify length (24", 36", 48", 60", 72") HKSC = Hook & chain assembly - monopoint mount to four point suspension. (Includes hook, chain, and mounting plate) CAB(x)72 = Adjustable cables - includes 6-foot steel aircraft cables, toolless adjusters and mounting hardware. Specify "2" for 2 cables & Y-hanger or "4" for 4 cables. CACC(xx) = Cable Kit, includes 2 cables, mounting hardware, white power cord and canopies; specify length in inches (48 or 72) ENTS = Tamperproof screws ENTSD = Tamperproof screwdriver

Tandem Model

SIMKAR
CORPORATION

2'

4'

8' Tandem

NEW

ENƧ

Ideal for demanding environments where reliability and performance are paramount.

Simkar is proud to announce a family of demanding environment T5/T8 luminaires that will stand up to the forces of wind, water, temperature extremes, dust, salt, and abuse.

The EN2 series is an indoor/outdoor, corrosion proof, enclosed and gasketed fixture that does it all.

Simkar's weatherproof EN2 Series luminaires are a low profile design and comes in 2', 4', and 8' lengths. The 2' and 4' units come in 4" and 6.8" widths and the 8" unit is 6.8" wide.

You have choices of 1, 2, or 3 lamp versions to meet your lighting needs.

The housings are made of custom reinforced, thermal-set polyester that is corrosion resistant and will withstand extreme abuse and neglect.

The horizontally ribbed diffuser lenses were engineered for superior strength, ease of cleaning, and optical uniformity. These tough lenses are available in injection molded, clear, UV stabilized

polycarbonate (2' and 4' units) or 100% certified High Impact acrylic versions (4' and 8' units).

The sealing flanges of the lenses were designed to work in conjunction with our custom formulated foam-in-place, non-reticulated polyurethane gasket. This gasket is a seamless gasket that chemically attaches to the housing and is robotically applied to ensure consistency, accuracy, and reliability.

As a result of this design system, we have been able to achieve IP65 ratings for the 2' units (dust free with hose down) and IP67 ratings for the 4' and 8' units (dust free with temporary submersion under water for 30 minutes). The 2', 4', and 8' units are also certified for NSF high pressure wash down splash zone areas.

Our innovative latching and optional mounting hardware make installation and maintenance a breeze.

Certifications:

UL, cUL wet location, 25° C ambient

UL, cUL recognized components

NSF Certified for high pressure wash down splash zone areas

IP65 certified; 2' units: Dust-free, low pressure wash down

IP67 certified; 4' and 8' units: Dust-free, temporary immersion for 30 minutes

Features & Benefits

- Top rated UL fire resistant housing: UL 94, 5VA reinforced thermal set polyester housing
- IP65 and IP67 ratings
- UL 746C rated f1 housing material meets outdoor UV and Water Immersion requirements
- Optional, simple, non-intrusive, external mounting hardware system available
- Securely attached, over-center latching system that are tamper proof ready
- Rugged, impact resistant 100% certified high impact acrylic or polycarbonate lenses
- Superior sealing system produces a dust free, wash down fixture with an IP65 rating for 2' units and IP67 for temporary immersion for the 4' and 8' units.
- NSF high pressure wash down approved for splash zone areas.
- Available with fluorescent T5, T5HO, T8, HPT8, or T8HO
- Available in 2', 4' and 8' lengths with 1, 2, or 3 lamps systems plus tandem configurations for the 8' units

HPT8 AVAILABLE

VANDAL RESISTANT

4.13"

7.33"

Housing

Housing to be 1-piece, custom reinforced thermal-set polyester that is corrosion proof and will withstand extreme abuse and neglect. Housing material to be UL 5VA and f1 rated. Gasket to be a seamless, custom formulated foam-in-place, urethane gasket, chemically attached to the housing and robotically applied to ensure consistency, accuracy, and reliability. All models are NSF Splash Zone rated for high pressure wash down. 2' unit to be IP65 rated for dust-free and wash down; 4' and 8' units to be IP67 rated for dust-free and water-free ingress protection (temporary submersion for 30 minutes).

Electrical

T8 and HPT8 technology: Ballast to be electronic, Instant Start, fully wired with quick-disconnect device: Universal voltage 120 – 277VAC, 50/60Hz, Starting temperature 0°F (-18°C),

< 15% THD, High-Power Factor, Thermally protected, Automatic resetting, Class P, Sound rating A.

T5 and T5HO technology: Ballast to be electronic Program Start, fully wired with quick-disconnect device: Universal voltage 120 – 277VAC, 50/60Hz, Starting temperature 0°F (-18°C), < 15% and < 20% THD, High-Power Factor, Thermally protected, Automatic resetting, Class P, Sound rating A.

Optics

Reflector to be die-formed, heavy gauge steel with high-gloss, baked white polyester finish over rust inhibiting phosphate coat or Miro 4 specular with 95% reflectivity. 2' Lens to be clear, ribbed, UV stabilized polycarbonate; 4' Lenses to be injection molded clear, ribbed, UV stabilized polycarbonate or 100% High Impact acrylic; 8' lens to be injection molded clear, ribbed, 100% High Impact acrylic engineered for superior strength, ease of cleaning, and optical uniformity.

Mounting/Latching

Mounting to be surface, ceiling, or wall capable. Optional stainless steel brackets or swivel brackets available without drilling into the housing. Safety strap included. Lens latches to be tool-free UV stabilized polycarbonate, positive lock over-center design, tamper-proof ready. Optional stainless steel latches available.

Certifications

Ballast: UL, CSA. Luminaire: UL Wet Location, IP65 (2' unit), IP67 (4' and 8' units), UL-cUL Recognized components; NSF Certified for splash zone areas.

EN2 Ordering Information

Series	Size	Lens	Reflector	# Lamps	Lamp Type
EN2	**2** = 2' (IP65) **4** = 4' (IP67) **8** = 8' (IP67)	*2' Size* **RP** = Ribbed polycarbonate vacuum formed lens *4' Size* **RP** = Ribbed polycarbonate injection molded lens **RA** = Ribbed acrylic injection molded lens: 100% High Impact acrylic *8' Size* **RA** = Ribbed acrylic injection molded lens: 100% High Impact acrylic	**WR** = White **M4** = Miro 4	**1** **2** **3** **2T** = 2 lamps tandem **4T** = 4 lamps tandem **6T** = 6 lamps tandem	*T5* **14T5** = 14 watt T5, 2' unit **24T5H** = 24 watt T5HO, 2' unit **28T5** = 28 watt T5, 4' unit or 8' Tandem **54T5H** = 54 watt T5HO, 4' unit or 8' Tandem (not available with 3 lamps or 6T Tandem) *T8* **17T8** = 17 watt T8, 2' unit **32T8** = 32 watt T8, 4' unit or 8' Tandem **32HP8** = 32 watt HPT8, 4' unit or 8' Tandem **86T8H** = 86 watt T8HO, F96, 8' unit (not available with 3 lamps)

Ballast	Switching	Voltage	Options		Accessories
E = Electronic **E(x)*** = Electronic HPT8* **D** = Dimming (Specify Ballast)	*For 2 lamp units* *Blank* = single ballast **2/1L** = (2) 1-lamp ballasts *For 4 lamp units* *Blank* = (2) 2-lamp ballasts **4L** = (1) 4-lamp ballast *For 6 lamp tandem units* **2/3L** = (2) 3-lamp ballasts **2L/4L** = (1) 2-lamp and (1) 4-lamp ballast	**U1** = 120V – 277V **U3** = 347V – 480V **347** = 347V **480** = 480V	**BP** = Bulk Pack **ELS1** = Emergency Lighting (low lumens) **ELS2** = Emergency Lighting (medium lumens) **ELS3** = Emergency Lighting (high lumens) *EN2 Requires damp location emergency ballast* **ENTS** = Tamperproof screws **ENTSD** = Tamperproof screwdriver **SSL** = Stainless Steel Latch **OS(x)** = Individual Fixture PIR Occupancy Sensor; (specify number of lamps controlled: 1, 2, 3, 4, 5, or 6)** **CP3** = Cord & Plug - 120V Straight Blade with 6' Cord** **CPT(xx)** = Cord & Plug: Twist + Lock with 6' Cord; (specify voltage: 12 = 120, 20 = 208, 24 = 240, 27 = 277, 34 = 347, or 48 = 480)** *For cords without plugs, please contact factory.* **FB** = Lay-in Fast-Blow Fusing **SB** = Lay-in Slow-Blow Fusing Lamps installed (**Specify**) ***Damp Location*		**EN2TS** = Tamperproof screws **EN2TSD** = Tamperproof screwdriver **EN2MB** = 2 Stainless steel Mounting Brackets **EN2SMB** = 2 Swivel Mounting Brackets

*Specify Ballast Factor: L = Low; N = Normal or H = High

NEW

eN3

Finally, an Indoor/Outdoor, corrosion proof, enclosed and gasketed fixture that does it all.

Simkar is proud to announce a family of demanding environment T5/T8 luminaires that will stand up to the nasty forces of wind, water, temperature extremes, dust, salt, and abuse. Simkar's weatherproof EN3 Series luminaires are a low profile design and are 14-1/2" wide and 52" long and are perfect for areas that need high light levels or high mounting heights. You have choices of 4 or 6 lamp versions to meet your lighting needs. The housings are made of custom reinforced, thermal-set polyester that is corrosion resistant and will withstand extreme abuse and neglect. A tough injection molded, clear, 100% certified High Impact acrylic gives you a tough, non-yellowing lens that will exceed your expectations. An optional

injection molded, UV stabilized polycarbonate lens is also available. The sealing flanges of the injected molded lenses were designed to work in conjunction with our custom formulated foam-in-place, closed cell polyurethane gasket. This gasket is a seamless gasket that chemically attaches to the housing and is robotically applied to ensure consistency, accuracy, and reliability. As a result of this design system, we have been able to achieve a number of impressive certifications: IP67 rating for a dust free luminaire capable of temporary submersion under water for 30 minutes, NEMA 4X ideal for marine environments, and NSF high pressure wash down for splash zone food processing areas.

Features & Benefits

Top rated UL fire resistant housing: UL 94, 5VA reinforced thermal set polyester housing

UL 746C rated f1 housing material meets outdoor UV and Water Immersion requirements

Two external mounting system available

Securely attached, over-center, stainless steel latching system that is tamper proof ready

Tool-free, hinged gear tray for ease of maintenance and convenience

Rugged, impact resistant lenses: non-yellowing, 100% certified High Impact acrylic

Superior sealing system produces a dust proof, wash down fixture with an IP67rating

NSF high pressure wash down approved for Splash and Non-Food Zone Processing Areas

Available with Fluorescent T5, T5HO, T8, or HPT8 technologies

Available in a 4' housing with 4 or 6 lamp configurations

Certifications:

- UL, cUL wet location

- UL, CSA recognized components

- NSF Certified for high pressure wash down splash zone processing areas

- NEMA 4X

- IP66/67 certified: Dust-free, high pressure washdown/temporary immersion for 30 minutes

HPT8 AVAILABLE

VANDAL RESISTANT

5.95"

14.61"

51.91"
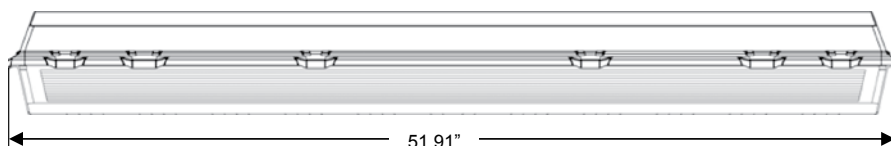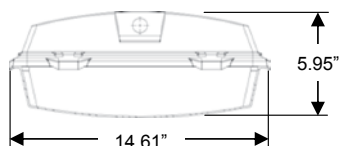
Housing

Custom blend, UL 5VA and f1 rated fiberglass reinforced thermal-set polyester

SMC manufacturing process for strength, reliability, fit and finish.

Optics

High reflectance, White reflector or minimum 92% high reflectance Specular aluminum reflectors

Injection molded, 100% certified High Impact acrylic Lens; Optional injection molded, UV stabilized polycarbonate lens available.

Lamp/Ballast/Sockets Technologies

Lamps: T5, T5HO, T8, or HPT8 (not included unless ordered)

Ballasts: Electronic Instant Start T5, T8, and HPT8; Program Start T5HO

Universal voltages: 120-277 volt 50/60Hz or 347-480V 50/60Hz; Straight voltages: 347V 60Hz; 480V 60Hz; contact factory for other available voltages.

All ballasts are electronic, thermally protected with auto-resetting, Class P, sound rated A, high power factor, <15% harmonic distortion.

T5 and T5HO technology: Ballast to be electronic Program Start, Universal voltage 120 – 277VAC, 50/60Hz, Starting temperature 0°F (-18°C), < 15% and < 20% THD, High-Power Factor, Thermally protected, Automatic resetting, Class P, Sound rating A.

Rotational locking sockets ensure lamps are securely held in place.

Mounting and Latching

Two external mounting systems available: V-hook mounting or cables.

Stainless steel, positive-lock, over-center latches that are tamperproof ready.

EN3 Ordering Information

Series	Reflector	# Lamps	Lamps	Ballast
EN3	WR = White Reflector SR = Specular Reflector	4 = 4 lamps 6 = 6 lamps	*T5* **28T5** = 28W T5 **54T5H** = 54W T5HO *T8* **32T8** = 32W T8 **32HP8** = 32W HPT8	E = Electronic E(x) = Electronic HPT8* D = Dimming (Specify Ballast)

Specify Ballast Factor: L = Low; N = Normal or H = High

| Switching	Voltage	Mounting	Options
FOR 6 LAMP UNITS Blank = dual ballasts (4L/2L) *FOR 4 LAMP UNITS* Blank = dual ballasts 4L = (1) 4-lamp ballast	U1 = 120V – 277V U3 = 347V – 480V 347 = 347V 480 = 480V	VHM = V-Hook Mounting Kit CMB = Cable Mounting Kit (cable not included)	BP = Bulk Pack Palletized PCL = polycarbonate Lens EN3TS = Tamperproof screws EN3TSD = Tamperproof screwdriver ELS1 = Emergency Lighting (low lumens) ELS2 = Emergency Lighting (medium lumens) ELS3 = Emergency Lighting (high lumens) *EN3 Requires damp location emergency ballast* CP3 = Cord & Plug - 120V Straight Blade with 6' Cord* CPT(xx) = Cord & Plug: with 6' Cord; (specify voltage: **12** = 120, **20** = 208, **24** = 240, **27** = 277, **34** = 347, **48** = 480)* *For cords without plugs, please contact factory.* FB = Lay-in Fast-Blow Fusing SB = Lay-in Slow-Blow Fusing OS(x) = PIR Occupancy Sensor; (specify number of lamps controlled: **1**, **2**, **3**, **4**, **5**, or **6**)* Lamps installed **(Specify)** *Damp Location*

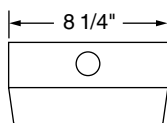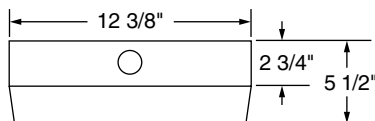| Accessories |
|---|
| **CAB472** = (for use with CMB) Adjustable Cables: includes (4) 72" steel aircraft cables with tool-free adjusters
WLH = 1 Wet Location wire Hub

ENTS = Tamperproof screws
ENTSD = Tamperproof screwdriver

EN3LTK = Lens tether kit |

FLUORESCENT – INDUSTRIAL
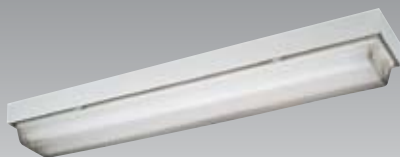
OV410 Enclosed gasketed fixture is equipped with a pressure-lock cam latch to tightly seal out vapor, moisture and dust. Available in 4' and 8' lengths as well as T8, T12, and high output.

Housing

Heavy-gauge steel with welded corners and compressible gasketing. KOs provided top and ends.

Shielding

Standard with clear acrylic prismatic lens.

Options

Popular options include wet location label (suffix WL) for ceiling mount only (includes RTV silicone seal).

Electrical

Fully wired for UNV 120-277V, 50-60Hz operation with thermally protected, automatic resetting Class P, sound rated A ballast as standard unless otherwise specified (except HO models). U.L. listed.

Mounting

Surface or stem, individual or continuous rows.

HPT8 AVAILABLE

Dimensions

8 1/4"

Two Light

12 3/8"   2 3/4"   5 1/2"

Four Light

OV410 Gasketed Striplite Ordering Information

Series	# Lamps	Lamp Type	ELS Options
OV410	2 4 22 = Tandem, 4 lamps	32 = 32W 48" T8 48 = 48" T12 HO 96 = 96" T8/T12 Slimline / HO	ELS1 = Emergency Lighting (low lumens) ELS2 = Emergency Lighting (medium lumens) ELS3 = Emergency Lighting (high lumens)

Ballast	Switching	Voltage	Options
B5 = Electronic T12 B11 = Electronic T8 B11HP(x) = HPT8* HO = High Output	**FOR 2 LAMP UNITS** *Blank = single 2-lamp ballast (standard)* 2/1L = (2) one-lamp ballasts **FOR 4 LAMP UNITS** *Blank = (2) 2-lamp ballasts* 4L = (1) 4-lamp ballast	UNV = 120-277V 120 = 120V 277 = 277V	WL = Wet Location (Ceiling mount only) FB* = Lay-in Fast-Blow Fusing SB* = Lay-in Slow-Blow Fusing

CEE listed T8; specify (L)ow, (N)ormal, or (H)igh ballast factor. Contact factory for NEMA Premium.

OV450 is UL listed for wet locations

HPT8 AVAILABLE

VANDAL RESISTANT S
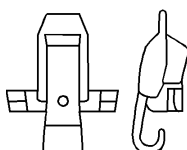
High strength thermoplastic latches, standard
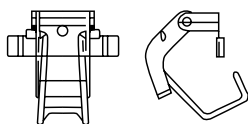
Stainless steel latches, specify **SSTP**

Housing

Rigid, one-piece (ASTM D635-74) reinforced polyester fiberglass, accepted by NSF and USDA. Robotically applied gasketing — 98% compression recovery, no seams, no porosity — forms moisture seal to diffuser. Celcon latches standard; stainless latches optional (OV450). OV451 supplied with high streng

Shielding

Rigid, one-piece, self-extinguishing (ASTM D635-74) reinforced polyester fiberglass, accepted by NSF and USDA. Robotically applied gasketing — 98% compression recovery, no seams, no porosity — forms moisture seal to D.R. acrylic diffuser or optional polycarbonate. Thermoplastic latches standard; stainless latches optional.

Options

Polycarbonate lens, stainless or tamperproof (SSTP) latches and wet location fittings.

Electrical

Fully wired for UNV 120-277V, 50-60Hz operation with thermally protected, automatic resetting Class P, sound rated A ballast as standard unless otherwise specified (except T8 HO models). UL listed wet location.

Mounting

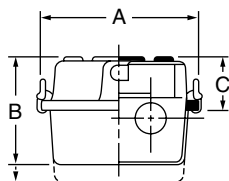Surface, stem, chain kit; individual or continuous rows. CA24 Chain Hanger assembly with support plate. Single canopy and stem set, hardware and 24" stem. WLF Fitting for use with water tight conduit, field installed. One each. See page 92.

OV450 Wet Location Enclosed Striplite Ordering Information

Series	# Lamps	Lamp Type
OV450 = 15% DR Crepe/Stipple Lens	**1**	**32** = 32W 48" T8
OV451 = polycarbonate lens	**2**	**48** = 48" T12 HO
	21 = Tandem, two lamps	**96** = 96" T8/T12 Slimline / HO
	22 = Tandem, four lamps	**54T5H** = 54 watt T5HO

Dimensions

Dimensions	A	B	C	Length
32W and 48" models	7 5/8"	4 1/2"	3"	49 13/16"
96" and tandem models	7 5/8"	5 5/8"	3"	97 13/16"

Options	Ballast	Switching	Voltage
ELS1 = Emergency Lighting (low lumens)	**B5** = Electronic T12	*For 2 lamp units*	**UNV** = 120-277V
	HOB5 = High Output Electronic T12	*Blank = single 2-lamp ballast (standard)*	**120** = 120V
ELS2 = Emergency Lighting (medium lumens)	**B11** = Electronic T8	**2/1L** = (2) one-lamp ballasts	**277** = 270V
	B11HP(x) = HPT8*	*For 4 lamp units*	
ELS3 = Emergency Lighting (high lumens)	**HOB11** = High Output Electronic T8	*Blank = (2) 2-lamp ballasts*	
		4L = (1) 4-lamp ballast	

CEE listed T8; specify (L)ow, (N)ormal, or (H)igh ballast factor. Contact factory for NEMA Premium.

Options	Accessories
HAD = High-abuse 50% DR lens (OV450 only)	**CA24** = Chain Hanger Assembly - (2) 18" chains, (2) "V" hooks, (2) "S" hooks for total drop 24"
SSTP = Stainless steel tamperproof latch	**CASP** = Support plate for chain hanger assembly
	PM(x) = Pendant Mount, white stem - specify length in inches (**24**, **36**, **48**, **60**, **72**)
	C = Single white canopy (for use with pendant mount)
	TSD(x) = Tamper-proof screw driver (Specify quantity)

Celcon® is a registered trademark of Ticona Engineering Polymers

OG's narrow width and 4' to 16' length options make it ideal for parking garages and other outdoor applications where space is limited.
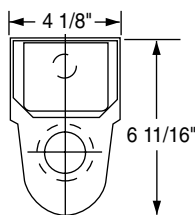
Housing

Die-formed, totally enclosed, fully gasketed, corrosion resistant aluminum housing. KOs provided.

Shielding

Extruded clear wraparound acrylic snap-in diffuser that will not discolor.

Electrical

Fully wired for UNV 120-277V, 50-60Hz operation with thermally protected, automatic resetting Class P, sound rated A ballast as standard unless otherwise specified (except HO models). U.L. damp location listed.

Mounting

Surface mount or stem hang, individual or continuous rows with OG-CB adapter.

Dimensions

4 1/8"

6 11/16"

OG Aluminum Enclosed Light Ordering Information

Series	# Lamps	Lamps	Ballast	Voltage
OG	**1** = Single **21** = Tandem, 2 Lamps	**48** = 48" **72** = 72" **96** = 96"	**HO** = High Output **HOB5** = High Output Electronic T12 **HOB11** = High Output Electronic T8	**UNV** = 120-277V **120** = 120V **277** = 277V

Accessories

OG-CB = Continuous row adapter
PM(x) - Twin Pendant Mount - 2 white stems - specify length (**24"**, **36"**, **48"**, **60"**, **72"**)
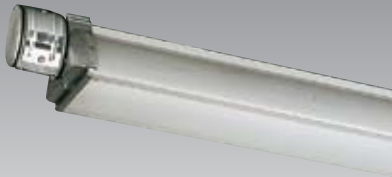
OS Directional Sign Light offers 360° swivel for precision aiming of light. Lip on flat lens allows unit to be aimed upward while still maintaining the UL listing for wet locations.
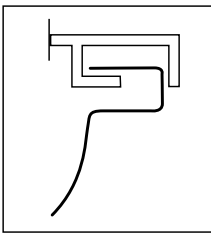
Housing

Totally enclosed, fully assembled, corrosion resistant aluminum housings. Two splice boxes and endcaps included. Die-cast aluminum splice box tapped 3/4" -14 N.P. All hardware is corrosion resistant stainless steel. Gasketed sockets; use with remote ballast. KOs provided top and ends.

Shielding

Extruded clear wraparound acrylic snap-in diffuser that will not discolor.

Electrical

Fully wired for 120V, 60Hz operation. All units are supplied with remote, low temperature, weatherproof 120V ballast, unless otherwise specified.

Mounting

Run conduit (not supplied) from remote ballast to individual fixtures, continuous rows or end-of-row fixtures.

NOTE: Add 2 1/2" to total overall length for continuous runs. See dimensional drawings.

Lip on flat lens allows unit to be aimed upward.

OS Directional Sign Light Ordering Information

Series	# Lamps	Lamp Type	Ballast	Voltage
OS	1	48 = 48" T12, 50.5" conduit centers	HO = High Output	120 = 120V
	2	72 = 72" T12, 74.5" conduit centers	VHO = Very High Output	277* = 277V
	21 = Tandem, Two Lamps	96 = 96" T12, 98.5" conduit centers		L/B = Less Ballast

Non-weatherproof ballast only.

Accessories

OS SPLICE BOX = Splice Box for continuous row mounting

Dimensions

Continuous run

2 1/2"

END CAP
SPLICE CAP
(2) NEOPRENE GASKETS
CONDUIT 3/4" THREAD

3 1/4"

6"
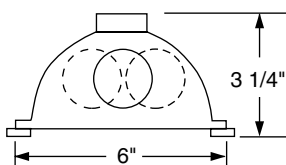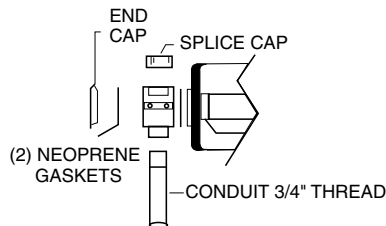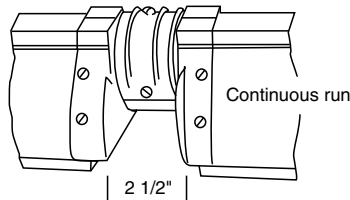
The CH Series is ideal for general purpose lighting in retail stores and commercial environments. Available in 2', 3', and 4' individual lengths as well as continuous row mounting.

CHTT

Flip-up sockets Patent #4,422,132
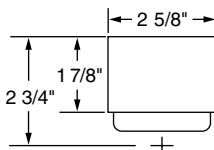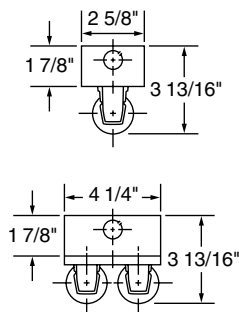
2 5/8"
1 7/8"
2 3/4"

HPT8 AVAILABLE

Dimensions

2 5/8"
1 7/8"
3 13/16"

4 1/4"
1 7/8"
3 13/16"

Housing

Die-formed heavy gauge steel with high-gloss, baked white enamel finish over rust inhibiting phosphate coat with removable wireway access panel. Ample knockouts provided on side, back and ends. Shipped fully wired and assembled, including socket saddle. Simply flip up socket bar and attach wireway cover with turn fastener provided. Machine installed shunts eliminate loose socket bar connections on electronic strips.

Options

Modular wiring, white or silver asymmetric or symmetric reflectors, and emergency lighting battery packs are available options.

Electrical

Fully wired for UNV 120-277V, 50-60Hz operation with thermally protected, automatic resetting Class P, sound rated A ballast as standard unless otherwise specified. UL listed damp location.

Mounting

Combination end plate/joiner connect units for continuous row or wire through, see CHJ on page 93. Optional plug-in wiring system described in detail on page 92.

CH Original Patented Striplite Ordering Information

Series	# Lamps	Lamps	
CH	1	**14** = 14W 15" T12	**28** = 28W T5
	2	**14** = 14W 24" T5	**30** = 30W 36" T12
	4	**15** = 15W 18" T8/T12	**32** = 32W 48" T8
	21 = Tandem, two lamps	**17** = 17W 24" T8	**39** = 39W 36" T5HO
	22 = Tandem, four lamps	**20** = 20W 24" T12	**40** = 34/40W 48" T12
		21 = 21W 36" T5	**40TT** = 40W 22" TT
		24 = 24W 24" T5HO	**54** = 54W T5HO
		25 = 25W 36" T8	

ELS Options	Ballast	Switching	Voltage
ELS1 = Emergency Lighting (low lumens)	**B5** = Electronic T12	**For 4 lamp units**	**UNV** = 120-277V
ELS2 = Emergency Lighting (medium lumens)	**B11** = Electronic T8	*Blank* = dual ballasts	**120** = 120V
ELS3 = Emergency Lighting (high lumens)	**B11HP(x)** = HPT8*	**4L** = (1) 4-lamp ballast	**277** = 277V
	B12 = Electronic T5		
	B14 = Electronic TT	**For 2 lamp units**	
	B22 = LPF Electronic T8/T12	*Blank* = single ballast	
	D = Dimming (specify ballast)	**2/1L** = (2) 1-lamp ballasts	

CEE listed T8; specify (L)ow, (N)ormal, or (H)igh ballast factor. Contact factory for NEMA Premium.

Options	Accessories
Cord and Plug	**Reflectors** (Not compatible with wire guards)
CPT(x) (Twist + Lock)	*Symmetric*
1 = 120V	**SR(x)(y)20** = 24"
2 = 277V	**SR(x)(y)30** = 36" (Order 2 for tandem 72" units)
CP3 = Cord & Plug - 120V	**SR(x)(y)40** = 48" (Order 2 for tandem 96" units)
Straight Blade 5-15P	*Asymmetric*
Plug-in Connectors	**AR(x)20** = 24"
Ballast wired to Black:	**AR(x)30** = 36" (Order 2 for tandem 72" units)
PL1 - one circuit, two wires	**AR(x)40** = 48" (Order 2 for tandem 96" units)
PL2 BK - two circuits, three wires	
Ballast wired to Red:	(x) Enter (**W**) for white or (**S**) for specular aluminum
PL2 RD - two circuits, three wires	(y) Enter # lamps (**1** or **2**)
FB = Fast blow fuse	**AC** = Alignment Clips
SB = Slow blow fuse	**CA24** = Chain Hanger Assembly - (2) 18" chains, (2) "V" hooks, (2) "S" hooks for total drop 24"
BP = Bulk Pack	**CS24** = "S" Hook (4) Chain Hanger Assembly (24" total drop)
	PM(x) = Pendant Mount, white stem - specify length in inches (**24, 36, 48, 60, 72**)
	C = Single white canopy (for use with pendant mount)
	CHJ = Housing Joiner
	SN = Snapper Brackets
	WG(x)20 = 24" (Specify # Lamps) (**1** or **2**)
	WG(x)30 = 36" (Specify # Lamps) (**1** or **2**)
	WG(x)40 = 48" (Specify # Lamps) (**1** or **2**)

Housing

High-gloss, baked white enamel finish on steel housing with removable wireway access panel. Fixture is shipped fully wired and assembled. CHX models have patented (#4,422,132) flip-up socket bar and turn fastener for attaching wireway cover.

Options

Options include modular wiring, plug-in systems and wire guards.

Electrical

Fully wired for 120V, 60Hz operation with thermally protected, automatic resetting, Class P, high-power-factor ballast, unless otherwise specified. UL listed, damp location.

Mounting

Combination end plate/joiner connects units for continuous row or wire through. Heavy duty joiner plate available. Surface or pendant mount, high output model must be suspended at least 6" from ceiling for cooler operation.
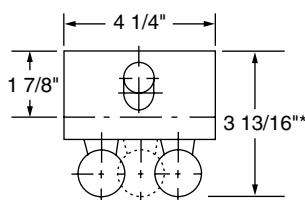
Slimline and High Output Channels are ideal for maximum illumination in retail stores and commercial environments. Available in 4', 6', and 8' individual lengths as well as continuous row mounting.

CHX Slimline And High Output Channel Ordering Information

Series	# Lamps	Lamp Length (nominal)	ELS Options
CHX	**1**	**48** = 48"	**ELS1** = Emergency Lighting (low lumens)
	2	**72** = 72"	**ELS2** = Emergency Lighting (medium lumens)
	3	**96** = 96"	**ELS3** = Emergency Lighting (high lumens)
	4		
	21 = Tandem, Two Lamps		

Ballast	Voltage
B5 = Electronic T12	**UNV** = 120-277V
HOB5 = High Output Electronic T12	**120** = 120V
B11 = Electronic T8	**277** = 277V
HOB11 = High Output Electronic T8	
HO* = High Output T12	
VHO* = Very High Output T12	

Must be mounted at least 6" from surface

Options	Accessories
Cord and Plug	**Reflectors***
CPT(x)	(x) Enter **(W)** for white or **(S)** for specular aluminum
1 = 120V	*Symmetric*
2 = 277V	**SR(x)30** = 36" (Order 2 for 72" units)
CP3 = Cord & Plug - 120V Straight Blade 5-15P	**SR(x)40** = 48" (Order 2 for 96" units)
Plug-in Connectors	*Asymmetric*
Ballast wired to Black:	**AR(x)30** = 36" (Order 2 for 72" units)
PL1 - one circuit, two wires	**AR(x)40** = 48" (Order 2 for 96" units)
PL2 BK - two circuits, three wires	
Ballast wired to Red:	**AC** = Alignment Clips
PL2 RD - two circuits, three wires	**CA24** = Chain Hanger Assembly - (2) 18" chains, (2) "V" hooks, (2) "S" hooks for total drop 24"
	CS24 = "S" Hook (4) Chain Hanger Assembly (24" total drop)
FB = Fast blow fuse	**PM(x)** = Pendant Mount, white stem - specify length in inches (**24**, **36**, **48**, **60**, **72**)
SB = Slow blow fuse	**C = Si**ngle white canopy (for use with pendant mount)
	CHJ = Housing Joiner
	SN = Snapper Brackets
	WG230 = 36" (Order 2 for 72" units)
	WG240 = 48" (Order 2 for 96" units)

Not compatible with wire guards

Dimensions

4 1/4"
1 7/8"
3 13/16"*

*HO and VHO are 4 5/8" deep

CHS One Lamp
24" to 96"
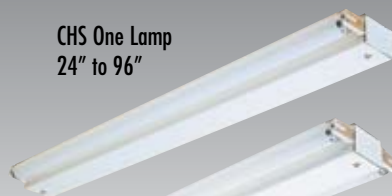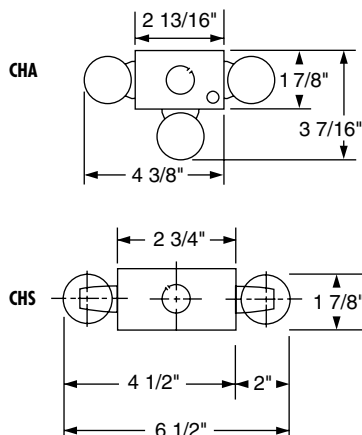
CHS Two Lamp
24" to 48"

CHA - Two or three lamps
mounted at 90°
24", 36", 48"

CHA and CHS Striplites are ideal for custom lighting in retail stores and commercial environments.

HPT8 AVAILABLE

Housing

Die-formed heavy gauge steel with high-gloss, baked white enamel finish over rust inhibiting phosphate coat with removable wireway access panel. Fixture is shipped fully wired. Secure wireway cover with screw. Ample knockouts provided.

Options

Options include modular wiring and master unit ballast driving multiple fixtures, e.g., CHS232 B11 4L-M will drive the second fixture CHS232-S (less ballast). Optional plug-in wiring system described in detail on page 92.

Electrical

Fully wired for UNV 120-277V, 50-60Hz operation with thermally protected, automatic resetting Class P, sound rated A ballast as standard unless otherwise specified. UL listed damp location.

Mounting

Individual or continuous row.

CHA and CHS Striplites Ordering Information

Series	# Lamps	Lamps	ELS Options
CHA = Lamps mount at 90° **CHS** = Side-mount lamp(s)	**1** (CHS only) **2** **3** (CHA only) **21** = Tandem, 2 lamps (CHS Only)	**17** = 17W 24" T8 **20** = 20W 24" T12 **25** = 25W 36" T8 **30** = 30W 36" T12 **32** = 32W 48" T8 **40** = 34 or 40W 48" T12 **96** = 96" T8 Slimline (CHS 1-lamp only)*	**ELS1** = Emergency Lighting (low lumens) **ELS2** = Emergency Lighting (medium lumens) **ELS3** = Emergency Lighting (high lumens)

*CHS196 is 4" wide x 3" deep

Ballast	Switching	Voltage
B5 = Electronic T12 **B11** = Electronic T8 **B11HP**(x) = HPT8** **D** = Dimming (specify ballast)	*FOR 3 LAMP UNITS* *Blank* = dual ballasts **3L** = (1) 3-lamp ballast	**UNV** = 120-277V **120** = 120V **277** = 277V

**CEE listed T8; specify (L)ow, (N)ormal, or (H)igh ballast factor. Contact factory for NEMA Premium.

Options

CORD AND PLUG
CPT(x)
  1 = 120V
  2 = 277V
CP3 = Cord & Plug - 120V Straight Blade 5-15P

PLUG-IN CONNECTORS
Ballast wired to Black:
PL1 - one circuit, two wires
PL2 BK - two circuits, three wires
Ballast wired to Red:
PL2 RD - two circuits, three wires

FB = Fast blow fuse
SB = Slow blow fuse

Dimensions

CHA
2 13/16"
1 7/8"
3 7/16"
4 3/8"

CHS
2 3/4"
1 7/8"
4 1/2"   2"
6 1/2"

SIMKAR CORPORATION

LP5 and LS5 *Low Profile T5 Strip*

FLUORESCENT - INDUSTRIAL

NEW

Housing

Die formed heavy gauge steel chemically treated to ensure superior adhesion of post production applied high reflectance powder coating.

Electrical

Fully wired for electronic T5, UNV 120-277V, 50-60Hz operation with thermally protected, automatic resetting Class P, sound rated A ballast as standard unless otherwise specified. UL listed.

Mounting

Ceiling or surface mount. 3/8" feed connector is included for use with steel flex conduit. Not recommended for through wiring.

Introducing the new **LP5 and LS5** series, a revolutionary Low Profile line of Single lamp T5 open strips. LP5 is an open strip with a distinctly low profile (7/8") and even with lamp is a mere 1 5/8" high. The width is a slim 1 1/4" making the LP5 the thinnest and lowest profile strip on the market. Perfect for accent and task lighting. Both also include exclusive tabbed lamp holders for ease of changing lamps and assurance that the lamp is properly seated in the socket.

LP5 Low Profile Ordering Information

Series	# Lamps	Lamps	Ballast	Voltage
LP5	1	*Preheat* **06** = F6T5 (9") 120V Only **08** = F8T5 (12") 120V Only *Standard* **14** = F14T5 (22") **21** = F21T5 (34") **28** = F28T5 (46") *HO* **24H** = F24T5HO (22") **39H** = F39T5HO (34") **54H** = F54T5HO (46")	E = Electronic	**U1** = 120-277V **120** = 120V

LS5 Low Profile Side-Mount Ordering Information

Series	# Lamps	Lamps	Ballast	Voltage
LS5	1	*Standard* **14** = F14T5 (22") **21** = F21T5 (34") **28** = F28T5 (46") *HO* **24H** = F24T5HO (22") **39H** = F39T5HO (34") **54H** = F54T5HO (46")	E = Electronic	**U1** = 120-277V

Dimensions

X
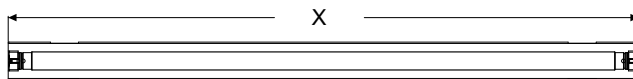
114 / 124H models: X=22.402"
121 / 134H models: X=34.213"
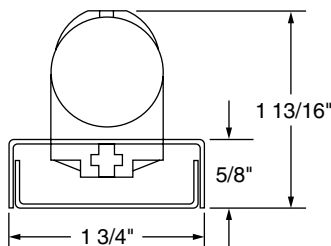128 / 154H models: X=45.984"

LP5 Standard Mount

2.092"
1.339"
1.264"

LS5 Side Mount

1.339"
1.264"

Call 800.523.3602 • Fax 215.831.7703 • www.simkar.com

65
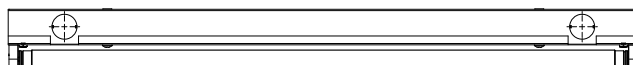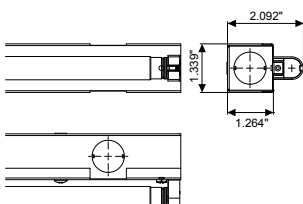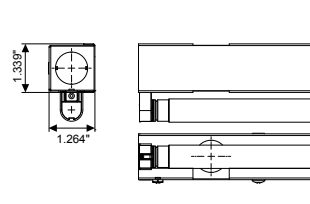
WS Series Slim Striplite and remote ballast box fixture are ideal for tight areas requiring multiple fixtures.

HPT8
AVAILABLE

Dimensions

1 13/16"

5/8"

1 3/4"

Housing

Die-formed heavy gauge steel with high-gloss, baked white enamel finish over rust inhibiting phosphate coat. Removable front panel allows access for wiring with snap-in conduit fittings on site. Quick assembly to back panel with screws provided. Embossed mounting holes through fixture speed up mounting to surface and allow remote assembly, if required. Striplite is shipped separate from remote ballast box and flex assemblies.

Electrical

Ballast and flex prepared as specified. Fully wired for UNV 120-277V, 50-60Hz operation with thermally protected, automatic resetting Class P, sound rated A ballast as standard unless otherwise specified. UL listed.

Mounting and Ballast Box

One 18" ballast box can comfortably handle up to 4 striplites, utilizing the four standard knockouts. Ballast box access cover is held in place with tab and quarter-turn fastener.

WS Series Slim Striplite Ordering Information

Series	Lamp
WS = Single lamp Slim Channel, one conduit hole **WSWT** = Channel for wire thru, conduit hole on each end = add 2" length	**117** = 17W T8 (26" fixture length) **125** = 25W T8 (38" fixture length) **132** = 32W T8 (50" fixture length)

18" ballast box ordering information

| Box	# Lamps Driven*	Ballast	Voltage
WSRB	1 2 3 4	**B11** = Electronic T8 **B11HP**(x) = HPT8**	**UNV** = 120-277V

*Specify number of lamps to be driven by one ballast to a maximum of 4.

** CEE listed T8; specify (L)ow, (N)ormal, or (H)igh ballast factor. Contact factory for NEMA Premium.

Flex connectors

Series	Length*	# Wires + Ground*	Connector (end 1)	Connector (end 2)
WSFL	**6** = 6'(standard)	**3W** = 3 wire (red, green, blue)	**STR** = Straight **90** = 90˚	**STR** = Straight **90** = 90˚

*Contact factory for other lengths and wire configurations
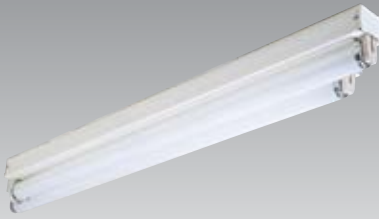
STC Staggered Striplites are ideal for custom lighting in retail stores and commercial environments. Striplites are available in 2', 3', 4', and 8' Tandem as well as continuous row mounting.

HPT8 AVAILABLE

Housing

Die-formed heavy gauge steel with high-gloss, baked white enamel finish over rust inhibiting phosphate coat with removable wireway access panel. Fixture is shipped fully wired. Secure wireway cover with screw. KOs provided.

Options

Optional plug-in wiring system described in detail on page 92.

Electrical

Fully wired for UNV 120-277V, 50-60Hz operation with thermally protected, automatic resetting Class P, sound rated A ballast as standard unless otherwise specified. UL listed damp location.

Mounting

Individual or continuous row. STC features staggered ends to eliminate shadows at overlap.

STC Staggered Series

Single Lamp Length	Double Lamp Length
24"	27"
36"	39"
48"	51"
93" (2 lamp)	99" (4 lamp)

STC Ordering Information

Series	# Lamps	Lamp Type	ELS Options
STC	1	**17** = 17W 24" T8	**ELS1** = Emergency Lighting (low lumens)
	2	**20** = 20W 24" T12	**ELS2** = Emergency Lighting (medium lumens)
	21 = Tandem two Lamps	**25** = 25W 36" T8	**ELS3** = Emergency Lighting (high lumens)
	22 = Tandem four Lamps	**30** = 30W 36" T12	
		32 = 32W 48" T8	
		40 = 34 or 40W 48" T12	

Dimensions

4 1/4"
2 1/8"
1 11/16"
3 5/8"
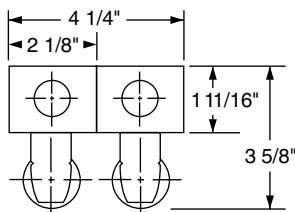
Ballast	Voltage	Options
B5 = Electronic T12	**UNV** = 120-277V	***CORD AND PLUG***
B11 = Electronic T8	**120** = 120V	**CPT(x)**
B11HP(x) = HPT8*	**277** = 277V	**1** = 120V
D = Dimming (specify ballast)		**2** = 277V
		CP3 = Cord & Plug - 120V Straight Blade 5-15P
		PLUG-IN CONNECTORS
		Ballast wired to Black:
		PL1 - one circuit, two wires
		PL2 BK - two circuits, three wires
		Ballast wired to Red:
		PL2 RD - two circuits, three wires
		FB = Fast blow fuse
		SB = Slow blow fuse

*CEE listed T8; specify (L)ow, (N)ormal, or (H)igh ballast factor. Contact factory for NEMA Premium.
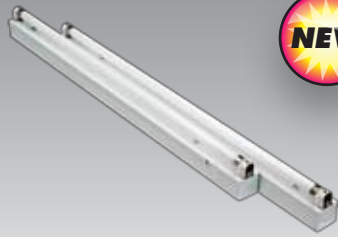
NEW

The ST5 is a low profile staggered strip for T5 and T5HO lamps. The ST5 series is specifically designed to fit into small areas and coves, and with an overlap of up to 4", provides smooth and attractive illumination. It can be used in conjunction with the SA5 to assure that cove lighting reaches the entire length of the run.
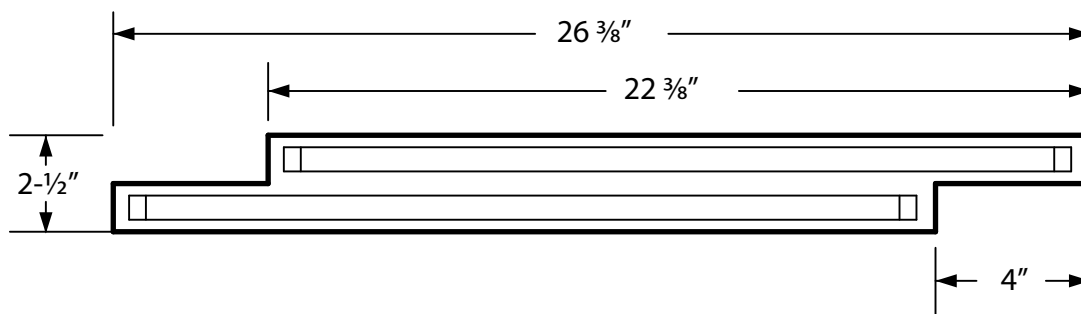
Housing:

Die formed heavy gauge steel with high gloss powder coat finish. Removable wire-way access panel. Knockouts provided on ends and back for through or direct wiring. Lamp holders are "Tab" type for ease of relamping and to assure lamp is properly seated in the sockets.

Electrical:

ST5 fixtures are electronic T5, 120-277V 50-60Hz and are UL/cUL listed.

Mounting:

ST5 can be directly mounted in a cove or undercabinet in continuous rows.

ST5 Ordering Information

Series	Size	# Lamps	Lamp Type
ST5	2 = 2' nominal length 26" overall length 3 = 3' nominal length 38" overall length 4 = 4' nominal length 50" overall length	2	14 = 14 watt T5 (2' unit) 21 = 21 watt T5 (3' unit) 28 = 28 watt T5 (4' unit) 54H = 54 watt T5HO (4' unit)

Ballast	Voltage
E = Electronic	U1 = 120-277V

Dimensions

2' Model

26 ⅜"

22 ⅜"

2-½"

4"

NEW

The SA5 is a low profile adjustable staggered strip for T5 and T5HO lamps. The SA5 series is specifically designed to fit into small areas and coves and compliments the ST5 series overlap that can be field adjusted to end a run or can be extended to 1 ½ times its closed length to reduce fixtures required to light a cove with smooth and attractive illumination. The SA5 can also be used as a two lamp T5 strip.

Housing:

Die formed heavy gauge steel with high gloss powder coat finish. Removable wire-way access panel. Knockouts provided on ends and back for through or direct wiring. Lamp holders are "Tab" type for ease of relamping and to assure lamp is properly seated in the sockets.

Electrical:

SA5 fixtures are electronic T5, 120-277V 50-60Hz and are UL/cUL listed.

Mounting:

SA5 can be directly mounted in a cove or undercabinet in continuous rows.

SA5 Ordering Information

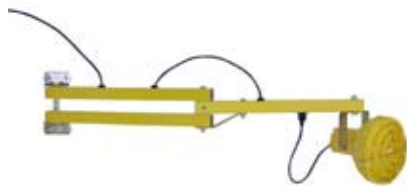| Series	Size	# Lamps	Lamp Type
SA5	2 = 2' nominal length adjusts to 30" 3 = 3' nominal length adjusts to 50" 4 = 4' nominal length adjusts to 65"	2	14 = 14 watt T5 (2' unit) 21 = 21 watt T5 (3' unit) 28 = 28 watt T5 (4' unit) 54H = 54 watt T5HO (4' unit)

Ballast	Voltage
E = Electronic	U1 = 120-277V

Dimensions

3' Model

X

34 ¼"

2 ½"

Y
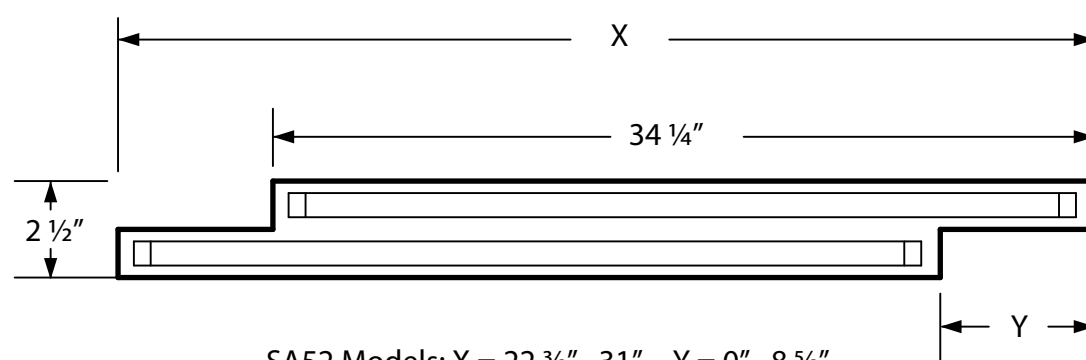
SA52 Models: X = 22 ⅜" - 31" Y = 0" - 8 ⅝"
SA53 Models: X = 34 ¼" - 49" Y = 0" - 14 ¾"
SA54 Models: X = 46" - 66" Y = 0" - 20"

Housing

Heavy gauge steel with high-gloss baked "safety" yellow enamel finish over rust inhibiting phosphate coat. Single strut (SKDL) mounting arm units are equipped with a folding knuckle joint allowing for horizontal and vertical adjustment. Double strut (SKDDL) mounting arm units provide greater strength and durability. All units supplied with lightweight, corrosion resistant polycarbonate lamp head.

Electrical

6' 120V 18-3 cord, plug, and rocker switch supplied. UL listed.

Mounting

Horizontal mount. Two piece wall mounting bracket provided.

The docklight series uses polycarbonate heads for resistance to dents, breaks, bends and stays cool to the touch. Double strut arms (SKDDL) on the HID model provides sturdy, durable construction. High pressure sodium option is available for long lamp life and lower starting temperature.

SKDL and SKDDL Series Ordering Information

Series	Lamp	Arm Length*	Lamp Head
SKDL = Single strut **SKDDL** = Double strut	**HPS** = 50W High pressure sodium (Leave blank for R40 or PAR38 150W max)	**40** = 40" **60** = 60"	**P** = Polycarbonate

For 24" or 90" arm lengths contact factory.

Accessories

SKWG8P = Stainless steel wireguard to protect lamp. Mounts easily to holes provided in polycarbonate lamp head.
SKDLFAN* - Fan

Replacement Lamp Heads
SKINC-HEAD = For incandescent models
SKHPS-HEAD = For high pressure sodium models

*Available with SKDDL, double strut only. Lamp provided.

Dimensions

DL-40 49"
DL-60 68"

DL-40 23"
DL-60 33"

DL-40 17"
DL-60 21"

DDL-60 64-1/2"
DDL-40 46"

DDL-60 32-1/4"
DDL-40 22-1/4"

24"L 3-Conductor Cord

14"