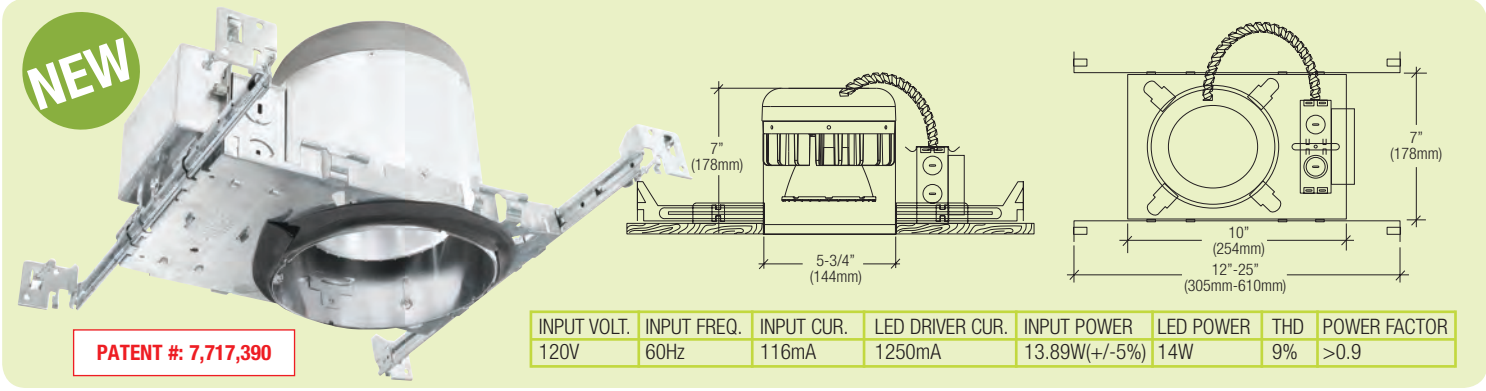


B51C-LED-14W-120V-DIM-FL-30K-AT

5" New Construction IC Housing for use with L500 LED series trims



5" LED dedicated IC housing with integral LED heat management casting and driver (installed on junction box). Designed for new construction installations and suitable for use in insulation covered or non-insulation covered ceilings. Consuming less than 14 watts and producing over 600 usable lumens. Lighting is smooth and comfortable, all while using 75% less energy than the equivalent 65W BR30 and 25% less than the common 18W CFL. Plus the Elite Lighting LED system features 70% lumen maintenance at 50,000 hours life, with California Title-24-2008 compliance and Energy Star Rating.

FEATURES - Greater light output than an 18W CFL or a 65W BR30 while consuming less than 14W of power.

OPTICS – Anyone can mount a chip to a heat sink and make a downlight. Gather the light scattered by the LED chip, shape it into a functional beam with state of the art reflectors, integrate the light through a smooth lens to minimize brightness, then top it all off with a glare reducing cone that has a 55-degree cut-off. Now you have the Elite engineered, superior quality, light engine; consuming less than 14 watts and producing over 600 lumens.

Available optics: • Spot • Flood

DURABILITY – Die-cast aluminum housing and heat management system are engineered for extremely long life and service period. Heat sink is attached to top of housing. The LED light engine is attached to the die-cast heat sink and is easily replaceable and upgradable. Without proper heat management, any LED luminaire will fail. Our die-cast system pulls the heat from the LED chip, allowing continued cool operation for years. Life tests have shown the Elite light engine output will be maintained at 70% of initial at 50,000 hours of operation. Our superior design allows for installation in construction that requires Elite Air-Shut™ system. Our LED driver is rated for 50 to 60 Hz at 120V input, produces less than 10% THD, has a power factor between 0.90 and 1.00 and is thermally protected for additional safety. Elite's driver is installed on the junction box cover so it may be serviced from below the ceiling. In installations of 277V, we offer a step down transformer options that is field installable.

REPEATABLE – Repeatability means quality. From our chip selection process, to our driver, to the thermal management, the Elite LED Module is engineered for quality. All Elite LED luminaires are rated at 85+ CRI and tested to LM-79 and LM-80 standards by an outside laboratory, California Title-24-2008 and Energy Star compliance are standard. Our stringent chip specifications require only those chips that produce no ultra violet and virtually no infrared.

DIMMABLE – The **Module LED** system is dimmable down to 15% by using an approved standard incandescent dimmer or an Electronic Low voltage dimmer. Incandescent microprocessor based dimmers such as Lutron Maestro or Abella are not compatible. For a complete list of approved dimmers, please refer to our dimming compatibility chart on page 120.

OUR WORD – The Elite LED lighting system is warranted for 3 years. As a system, we stand behind the entire Elite products from housing to bar hangers.

A. HOUSING – Die-formed aluminum and galvanized steel for maximum heat dissipation and rust protection. Housing adjusts vertically in plaster frame to accommodate 1/2" to 1-3/8" thick ceiling. Housing is IC rated for direct contact with insulation and can be used in IC and NON-IC applications. May be installed in 2" x 8" joist construction.

B. BAR HANGERS –

- Double-headed nail is securely positioned 20 down in a hammer swing position for quick installation. Allows for easy removal and relocation and can be easily installed into any wood material.
- Bar hanger ends have quick location tab, can be modified to fit in 12" joist spans without removal from housing and are equipped with additional holes and slots for use when local codes require luminaires to be additionally secured.
- Notch and tab in bar hanger ends allow installation on standard commercial T-bars and grid ceiling supports without additional modification, clips or brackets.
- Bar hangers can be positioned on either the long or short axis of the housing and locked in position on all sides at any place along a 24" span.

C. JUNCTION BOX – UL Listed for through-branch circuit wiring, provided with four 1/2" knockouts, one 3/4" knockout and four Romex knockouts with true pry-out slots and strain clamps. Designed for straight through conduit runs. Driver is installed on the junction box cover so it may be serviced from below the ceiling.

D. THERMAL PROTECTION – Standard thermal protection device guards against improper installation and misuse of insulation material.

E. AIR-SHUT – Provided with gasket to prevent airflow from heated or air-conditioned spaces. Meets or exceeds all national air flow requirements.

UL LISTED

- c-UL-us listed for Damp location.
- c-UL-us listed for feed Through Wiring.
- c-UL-us listed for Direct Contact with Insulation



ITEM SELECTOR: (Please check the boxes below for the option desired)

TYPE	WATTAGE	VOLTAGE	DRIVER	OPTICS	COLOR	AIR-SHUT
B51C-LED	<input type="checkbox"/> 14W	<input type="checkbox"/> 120V	<input type="checkbox"/> DIM-Dimming	<input type="checkbox"/> FL-Flood(Standard)	<input type="checkbox"/> 27K	AT
		<input type="checkbox"/> 277V		OPTIC ACCESSORIES	<input type="checkbox"/> 30K	
				<input type="checkbox"/> BPSLED-SP-Spot	<input type="checkbox"/> 35K	
					<input type="checkbox"/> 40K	
					<input type="checkbox"/> 50K	

Example: **B51C-LED-14W-120V-DIM-FL-30K-AT**



5" LED L500 BAFFLE TRIMS

L530W-WH - Stepped Baffle



Photometric Multiplier 1.0

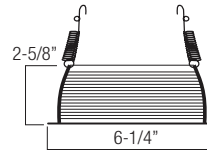
BAFFLE FINISH : W-WHITE (ORDERING INFORMATION) **L530W-WH**

RING FINISH :

WH



L530W-WH



L530P-WH - Stepped Baffle



Photometric Multiplier .75

BAFFLE FINISH : P-BLACK (ORDERING INFORMATION) **L530P-XX**

RING FINISH :

BK

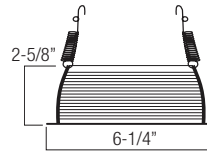


L530P-BK

WH



L530P-WH



L530SN-SN - Stepped Baffle



Photometric Multiplier .92

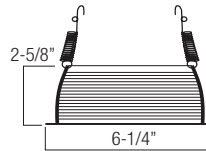
BAFFLE FINISH : SN-SATIN NICKEL (ORDERING INFORMATION) **L530SN-SN**

RING FINISH :

SN



L530SN-SN



L530CP-CP - Stepped Baffle



Photometric Multiplier .87

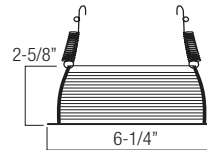
BAFFLE FINISH : CP-COPPER (ORDERING INFORMATION) **L530CP-CP**

RING FINISH :

CP



L530CP-CP



L530BZ-BZ - Stepped Baffle



Photometric Multiplier .85

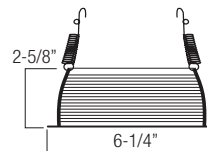
BAFFLE FINISH : BZ-BRONZE (ORDERING INFORMATION) **L530BZ-BZ**

RING FINISH :

BZ



L530BZ-BZ



B5IC-LED-14W-120V-DIM-BP6LED-

SP-30K-AT-L530W-WH

TEST NO.: LLI 0809-14A6

LUMENS: 606

SPACING CRITERIA: .18

Zonal Lumens Summary

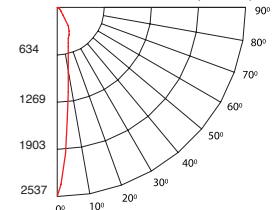
Zone	Lumens	%Lamp	%Fixt
0-30°	372.11	N.A.	61.3
0-40°	501.35	N.A.	82.6
0-60°	573.13	N.A.	94.5
0-90°	606.63	N.A.	100
0-180°	606.63	N.A.	100

Total Luminaire Efficacy = 43 lpw

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	2903	2903	2903
55°	1652	1652	1652
65°	1744	1744	1744
75°	1831	1831	1831
85°	1208	1208	1208

Candle Power Distribution (Candelas)





L511W-WH - Baffle Wall Wash (ORDERING INFORMATION) L511X- XX



5" LED L500 REFLECTOR TRIMS



L507W-WH
Photometric Multiplier .95



L507MB-WH
Photometric Multiplier .77



L507CL-WH
Photometric Multiplier 1.0



L507BZ-BZ
Photometric Multiplier .87



L507MB-BK
Photometric Multiplier .77



L507CL-CH
Photometric Multiplier 1.0



L507RG-WH
Photometric Multiplier .90



L507SN-WH
Photometric Multiplier .87



L507CP-WH
Photometric Multiplier .90



L507RG-PB
Photometric Multiplier .90



L507SN-SN
Photometric Multiplier .87



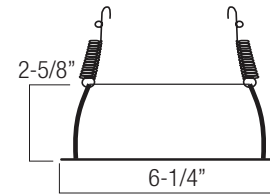
L507CP-CP
Photometric Multiplier .90

REFLECTOR FINISH :

BZ BRONZE	CL CLEAR (CHROME)	CP COPPER	MB BLACK	RG GOLD	SN SATIN NICKEL	W WHITE

TRIM/RING FINISH :

BK BLACK	BZ BRONZE	CH CHROME	CP COPPER	PB POLISH BRASS	SN SATIN NICKEL	WH WHITE



B5IC-LED-14W-120V-DIM-BP6LED-SP-30K-AT-L507CL-WH
TEST NO.: LLI 0809-14A5
LUMENS: 661
SPACING CRITERIA: .20

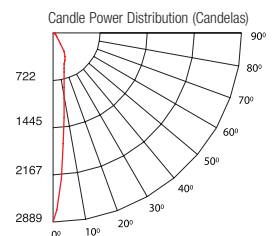
Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	418.02	N.A.	63.2
0-40°	541.23	N.A.	81.8
0-60°	625.17	N.A.	94.5
0-90°	661.59	N.A.	100
0-180°	661.59	N.A.	100

Total Luminaire Efficacy = 47 l/w

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
0°	3350	3350	3350
45°	1836	1836	1836
55°	1993	1993	1993
65°	1831	1831	1831
75°	1208	1208	1208



THE MOST UP TO DATE PHOTOMETRIC DATA IS AVAILABLE ONLINE @ WWW.IUSEELITE.COM



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elite **LED LIGHTING**
a division of Elite Lighting U.S.A.

5" LED L500 LENSED BAFFLE TRIMS

L535W-WH - Baffle with Frosted Lens (ORDERING INFORMATION) L535W- XX

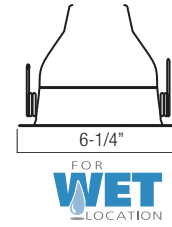


Photometric Multiplier .87

BAFFLE FINISH :



RING FINISH :



L536W-WH - Baffle with Fresnel Lens (ORDERING INFORMATION) L536X- XX

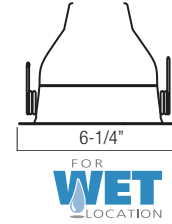


Photometric Multiplier .87

BAFFLE FINISH :



RING FINISH :



B51C-LED-14W-120V-DIM-BP6LED-SP-30K-AT-L530W-WH
 TEST NO.: **LLI 0809-14A6**
 LUMENS: **606**
 SPACING CRITERIA: **.18**

Zonal Lumens Summary

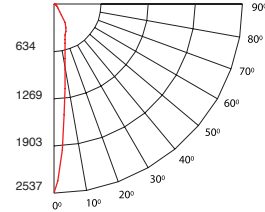
Zone	Lumens	%Lamp	%Fixt
0-30°	372.11	N.A.	61.3
0-40°	501.35	N.A.	82.6
0-60°	573.13	N.A.	94.5
0-90°	606.63	N.A.	100
0-180°	606.63	N.A.	100

Total Luminaire Efficacy = 43 lpw

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	2903	2903	2903
55°	1652	1652	1652
65°	1744	1744	1744
75°	1831	1831	1831
85°	1208	1208	1208

Candle Power Distribution (Candelas)



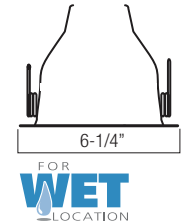
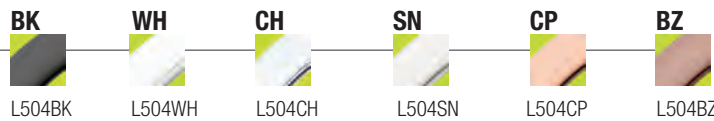
THE MOST UP TO DATE PHOTOMETRIC DATA IS AVAILABLE ONLINE @ WWW.IUSEELITE.COM

L504WH - Designer Dome Lens



LENS FINISH : WHITE (ORDERING INFORMATION) L504 XX

RING FINISH :

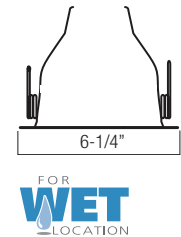
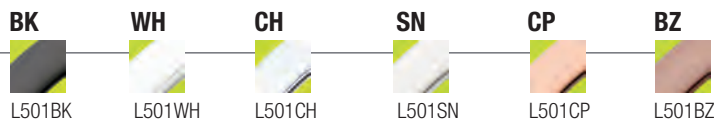


L501WH - Metal Albalite Lens



LENS FINISH : WHITE (ORDERING INFORMATION) L501 XX

RING FINISH :

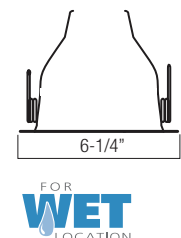
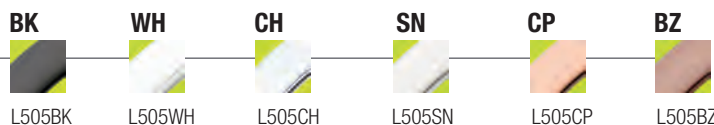


L505WH - Metal Fresnel Lens



LENS FINISH : CLEAR (ORDERING INFORMATION) L505 XX

RING FINISH :



5" LED L500 LENSED REFLECTOR TRIMS

L541CL-WH - Reflector with Frosted Lens (ORDERING INFORMATION) L541CL- XX

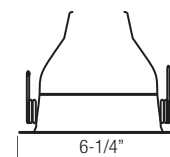


Photometric Multiplier .89

REFLECTOR FINISH :



RING FINISH :



L542CL-WH - Reflector with Fresnel Lens (ORDERING INFORMATION) L542CL- XX

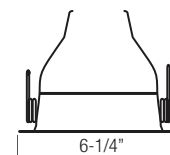


Photometric Multiplier .89

REFLECTOR FINISH :



RING FINISH :



B5IC-LED-14W-120V-DIM-BP6LED-SP-30K-AT-L507CL-WH
 TEST NO.: **LLI 0809-14A5**
 LUMENS: **661**
 SPACING CRITERIA: **.20**

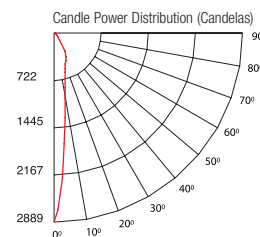
Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	418.02	N.A.	63.2
0-40°	541.23	N.A.	81.8
0-60°	625.17	N.A.	94.5
0-90°	661.59	N.A.	100
0-180°	661.59	N.A.	100

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	3350	3350	3350
55°	1836	1836	1836
65°	1993	1993	1993
75°	1831	1831	1831
85°	1208	1208	1208

Total Luminaire Efficacy = 47 lpw



THE MOST UP TO DATE PHOTOMETRIC DATA IS AVAILABLE ONLINE @ WWW.IUSEELITE.COM

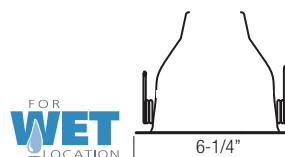
L504L - Designer Dome Lens with Plastic Trim Ring

LENS FINISH : WHITE (ORDERING INFORMATION) L504L

RING FINISH :



WHITE - PLASTIC



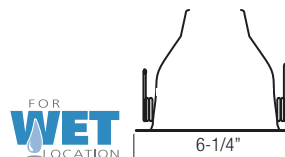
L501L - Albalite Lens with Plastic Trim Ring

LENS FINISH : WHITE (ORDERING INFORMATION) L501L

RING FINISH :



WHITE - PLASTIC



L505L - Fresnel Lens with Plastic Trim Ring

LENS FINISH : CLEAR (ORDERING INFORMATION) L505L

RING FINISH :



WHITE - PLASTIC

