

B5IC-LED 5" NEW CONSTRUCTION IC LED HOUSING

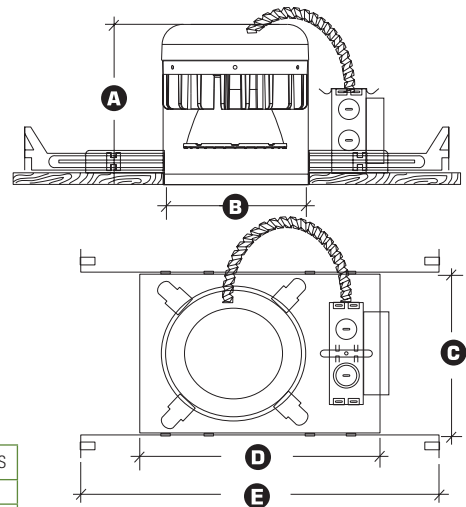


**900
LUMENS**

elite LED LIGHTING



- A** Height = 7"
- B** Cut-out = 5-3/4"
- C** Width = 7"
- D** Length = 10"
- E** Bar Hanger = 12"-24"



INPUT VOLT.	INPUT FREQ.	INPUT CUR.	INPUT POWER	THD	POWER FACTOR	LUMENS
120/277	50/60Hz	150mA/65mA	18W(+/-5%)	<20%	>0.9	900
120/277	50/60Hz	116mA/50mA	14W(+/-5%)	<20%	>0.9	660

DESCRIPTION - 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 660 usable lumens, lighting is smooth and comfortable, all while using 75% less energy than the equivalent 65WBR30 and 25% less than the common 18W CFL. Plus the Elite Lighting LED system features 70% lumen maintenance at 50,000 hours life, with Energy Star and California Title-24 (compliances pending).

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



OPTICS - 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 of 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 18 Watts producing over 660 & 900 lumens.

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. 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 LED driver is rated for 50 to 60 Hz, produces less than 20% 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.

REPEATABLE - All Elite LED luminaires are rated at 85+ CRI as rated and tested to LM-79 and LM-80 standards by a certified laboratory. California Title-24-2008 and Energy Star compliance are standard.

DIMMABLE - The Elite LED system is fully dimmable down to 10% of initial light output with a 0-10 Volt dimmer when ordered with the following options (DIM10-120, DIM10-277). Fixtures can be shipped with a Lutron Hi-lume A series Driver which can be dimmed with Lutron Dimming Systems when ordered with the following options (120-LUTH, 277-LUTH). Triac & Electronic Low Voltage dimming driver also available when ordered with the following options (DIMTR-120). Consult Factory for details.

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.

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.

BAR HANGERS - Preinstalled bar hangers allow housing to be positioned and locked at any point within a 24" joist span. They can be positioned on either the long or short axis of the housing and can be shortened for 12" joists. They contain a double-headed real nail for secure attachment into the joist. Bar hanger nails are installed on a 20° downward angle for better contact, and the 90° pivoting mounting plate makes installation fast and accurate. Bar hangers can fit onto T-Bar spline with additional slots and holes for special mounting methods if necessary.

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

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

LISTING

c-UL-us / c-ETL-us - listed for Damp location
 c-UL-us / c-ETL-us - listed for feed Through Wiring
 c-UL-us / c-ETL-us - listed for Direct Contact With Insulation
 LM79 / LM80
 Covered by U.S. Patent Numbers: D6423175S, 7717390B1, D615239S

DIMMING INFORMATION

DIMTR (Triac & Electronic Low Voltage Dimming)
 DIM10 (0-10V Dimming)
 LUTH (Lutron® Hi-lume® Dimming)

ITEM SELECTOR: Example: B5IC-LED-14W-DIM10-120-FL-30K-AT-L530-W-WH

TYPE	660 LUMENS	900 LUMENS	OPTICS	COLOR	AIR-SHUT	EMERGENCY	TRIM	BAFFLE	REFLECTOR	TRIM/RING			
B5IC-LED	<input type="checkbox"/> 14W-DIMTR-120 <input type="checkbox"/> 14W-LUTH-120 <input type="checkbox"/> 14W-LUTH-277 <input type="checkbox"/> 14W-DIM10-120 <input type="checkbox"/> 14W-DIM10-277	<input type="checkbox"/> 18W-LUTH-120 <input type="checkbox"/> 18W-LUTH-277 <input type="checkbox"/> 18W-DIM10-120 <input type="checkbox"/> 18W-DIM10-277	<input type="checkbox"/> FL (Flood-Standard)	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K <input type="checkbox"/> 50K	<input type="checkbox"/> AT	<input type="checkbox"/> EMG	<input type="checkbox"/> L530 <input type="checkbox"/> L507 <input type="checkbox"/> L535 <input type="checkbox"/> L536 <input type="checkbox"/> L541	<input type="checkbox"/> L542 <input type="checkbox"/> L504 <input type="checkbox"/> L501 <input type="checkbox"/> L505 <input type="checkbox"/> L504L	<input type="checkbox"/> L501L <input type="checkbox"/> L505L L511 <input type="checkbox"/> W <input type="checkbox"/> P <input type="checkbox"/> SN <input type="checkbox"/> CP <input type="checkbox"/> BZ	<input type="checkbox"/> BZ <input type="checkbox"/> CL <input type="checkbox"/> CP <input type="checkbox"/> RG	<input type="checkbox"/> MB <input type="checkbox"/> W <input type="checkbox"/> SN <input type="checkbox"/> SHZ	<input type="checkbox"/> BK <input type="checkbox"/> WH <input type="checkbox"/> CH <input type="checkbox"/> PB	<input type="checkbox"/> SN <input type="checkbox"/> CP <input type="checkbox"/> BZ

5" LED L500 BAFFLE TRIMS

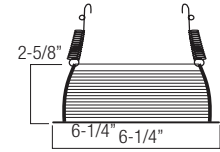
L511W-WH - BAFFLE WALL WASH
(ORDERING INFORMATION) **L511X- XX**



BAFFLE RING FINISH :



WALL WASH COVER FINISH :



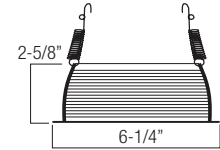
L530W-WH - Stepped Baffle



Photometric Multiplier 1.0

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

RING FINISH :



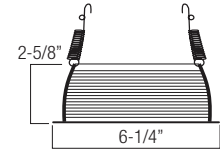
L530P-WH - Stepped Baffle



Photometric Multiplier .75

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

RING FINISH :



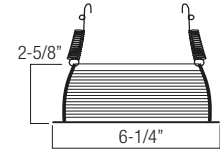
L530SN-SN - Stepped Baffle



Photometric Multiplier .92

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

RING FINISH :



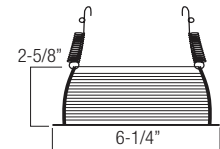
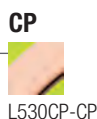
L530CP-CP - Stepped Baffle



Photometric Multiplier .87

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

RING FINISH :



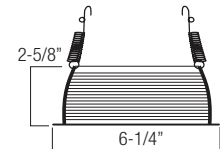
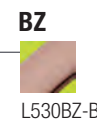
L530BZ-BZ - Stepped Baffle



Photometric Multiplier .85

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

RING FINISH :



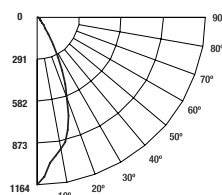
B51C-LED-14W-120-DIM-FL-30K-AT-L530-W-WH

Test no.: **ELT-B51C-LED-0333**

Lumens: **606.5**

Spacing criteria: **.68**

Candle Power Distribution Curve (Candela)



Candela Distribution

0	0
0	1164
5	1019
15	813
25	409
35	97
45	31
55	12
65	3
75	0
85	0
90	0

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	499.5	82.5%	82.5%
0-40	566.9	93.6%	93.6%
0-60	602.8	99.5%	99.5%
0-90	605.8	100%	100%



L522W-WH - REFLECTOR WALL WASH (ORDERING INFORMATION) L522X-XX-WH

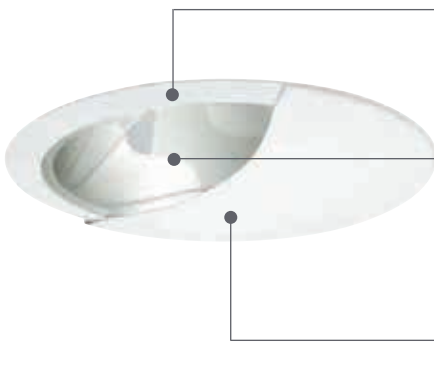
RING FINISH :



REFLECTOR FINISH :



WALL WASH COVER FINISH :



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-PB
Photometric Multiplier .90



L507SN-SN
Photometric Multiplier .87

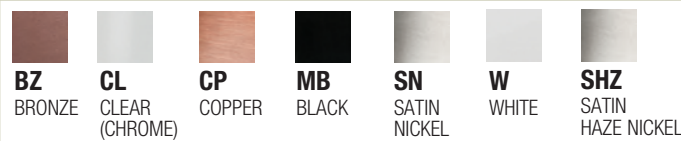


L507CP-CP
Photometric Multiplier .90

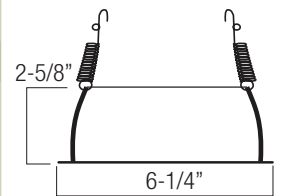
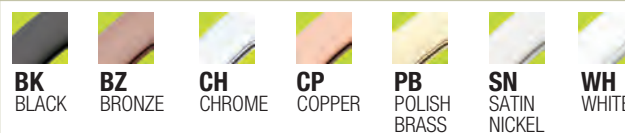


L507SHZ-WH
Photometric Multiplier .87

TRIM/RING FINISH:



TRIM/RING FINISH:



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

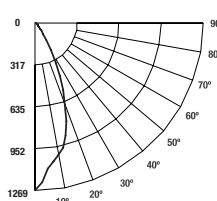
B5IC-LED-14W-120-DIM-FL-30K-AT-L507-CL-WH

Test no.: **ELT-B5IC-LED-0303**

Lumens: **661.2**

Spacing criteria: **.68**

Candle Power Distribution Curve (Candela)



Candela Distribution


0	Q
0	1269
5	1111
15	887
25	446
35	105
45	33
55	13
65	3
75	0
85	0
90	0

Zonal Lumen Summary



Zone	Lumens	%Lamp	%Fixture
0-30	544.6	82.5%	82.5%
0-40	618.0	93.6%	93.6%
0-60	657.2	99.5%	99.5%
0-90	660.5	100%	100%


5" LED L500 LENSED BAFFLE TRIMS

L535W-WH - BAFFLE WITH FROSTED LENS (ORDERING INFORMATION) L535W- XX

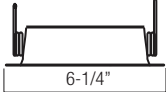


Photometric Multiplier .87

BAFFLE FINISH :
 **W**  **P**


RING FINISH :
 **WH**

LENSED TRIMS AVAILABLE IN
14W | **18W**
 675 LUMENS | 900 LUMENS






6-1/4"
 FOR **WET** LOCATION

L536W-WH - BAFFLE WITH FESNEL LENS (ORDERING INFORMATION) L536X- XX

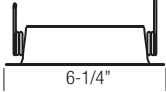


Photometric Multiplier .87

BAFFLE FINISH :
 **W**  **P**


RING FINISH :
 **WH**

LENSED TRIMS AVAILABLE IN
14W | **18W**
 675 LUMENS | 900 LUMENS



6-1/4"
 FOR **WET** LOCATION







L504WH - Designer Dome Lens



Photometric Multiplier .87


LENS FINISH : WHITE (ORDERING INFORMATION) L504 XX

RING FINISH :

BK **WH** **CH** **SN** **CP** **BZ**
     


L504BK L504WH L504CH L504SN L504CP L504BZ

LENSED TRIMS AVAILABLE IN
14W | **18W**
 675 LUMENS | 900 LUMENS



6-1/4"
 FOR **WET** LOCATION







L501WH - Metal Albalite Lens



Photometric Multiplier .87


LENS FINISH : WHITE (ORDERING INFORMATION) L501 XX

RING FINISH :

BK **WH** **CH** **SN** **CP** **BZ**
     


L501BK L501WH L501CH L501SN L501CP L501BZ

LENSED TRIMS AVAILABLE IN
14W | **18W**
 675 LUMENS | 900 LUMENS



6-1/4"
 FOR **WET** LOCATION







L505WH - Metal Fresnel Lens



Photometric Multiplier .87

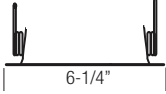
LENS FINISH : CLEAR (ORDERING INFORMATION) L505 XX

RING FINISH :

BK **WH** **CH** **SN** **CP** **BZ**
     


L505BK L505WH L505CH L505SN L505CP L505BZ

LENSED TRIMS AVAILABLE IN
14W | **18W**
 675 LUMENS | 900 LUMENS



6-1/4"
 FOR **WET** LOCATION

L541CL-WH - REFLECTOR WITH FROSTED LENS (ORDERING INFORMATION) L541CL- XX



Photometric Multiplier .89

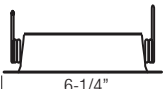
REFLECTOR finish :

CL MB RG W

RING FINISH :

WH


LENSED TRIMS AVAILABLE IN
14W 18W
675 LUMENS | 900 LUMENS



6-1/4"

FOR **WET** LOCATION

L542CL-WH - REFLECTOR WITH FRESNEL LENS (ORDERING INFORMATION) L542CL- XX



Photometric Multiplier .89

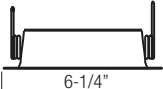
REFLECTOR FINISH :

CL MB RG W

RING FINISH :

WH

LENSED TRIMS AVAILABLE IN
14W 18W
675 LUMENS | 900 LUMENS



6-1/4"

FOR **WET** LOCATION

L504L - DESIGNER DOME LENS WITH PLASTIC TRIM RING



Photometric Multiplier .89

LENS FINISH : WHITE (ORDERING INFORMATION) **L504L**

RING FINISH :

WHITE - PLASTIC

LENSED TRIMS AVAILABLE IN
14W 18W
675 LUMENS | 900 LUMENS



6-1/4"

FOR **WET** LOCATION

L501L - ALBALITE LENS WITH PLASTIC TRIM RING



Photometric Multiplier .89

LENS FINISH : WHITE (ORDERING INFORMATION) **L501L**

RING FINISH :

WHITE - PLASTIC


LENSED TRIMS AVAILABLE IN
14W 18W
675 LUMENS | 900 LUMENS



6-1/4"

FOR **WET** LOCATION

L505L - FRESNEL LENS WITH PLASTIC TRIM RING




Photometric Multiplier .89

LENS FINISH : CLEAR (ORDERING INFORMATION) **L505L**

RING FINISH :

WHITE - PLASTIC

LENSED TRIMS AVAILABLE IN
14W 18W
675 LUMENS | 900 LUMENS



6-1/4"

FOR **WET** LOCATION