

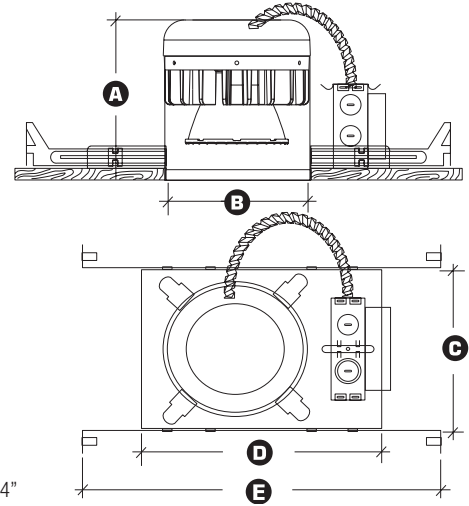
# B5-LED 5" NEW CONSTRUCTION NON-IC LED HOUSING

**SAME DAY**  
SHIPPING AVAILABLE



**1200**  
LUMENS

| INPUT VOLT. | INPUT FREQ. | INPUT CUR. | INPUT POWER | THD  | POWER FACTOR | LUMENS |
|-------------|-------------|------------|-------------|------|--------------|--------|
| 120/277     | 50/60Hz     | 200mA/86mA | 24W(+/-5%)  | <20% | >0.9         | 1200   |
| 120/277     | 50/60Hz     | 150mA/65mA | 18W(+/-5%)  | <20% | >0.9         | 900    |



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

**DESCRIPTION** - 5" LED dedicated Non-IC New Construction housing with integral LED heat management casting and driver (installed on junction box). Designed for new construction installations and suitable for use in non-insulation covered ceilings. Producing over 900 usable lumens, lighting is smooth and comfortable, all while using 75% less energy than the equivalent 75W BR30 and 25% less than the common 26W 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 32W CFL or a 100W PAR38. Elite LED luminaires are ideally suited for use in hospitality, health care, commercial, retail and residential applications.



**OPTICS** - Elite's 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; Producing over 900 & 1200 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. 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/277V input, 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** - 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 90+ CRI and tested to LM-79 and LM-80 standards by a certified laboratory. California Title 24-2013 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-MVOLT). 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). Consult Factory for details.

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

**ITEM SELECTOR:** Example: **B5-LED-900L-DIM10-MVOLT-MD-30K-AT-L530-W-WH**

**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 Non-IC rated and insulation must be pulled 3" from housing. May be installed in 2" x 8" joist construction.

**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.

**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.

**OUR WORD** - The Elite LED lighting system carries a five-year carefree warranty for parts and components. (Labor not included.)

**LISTING**

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

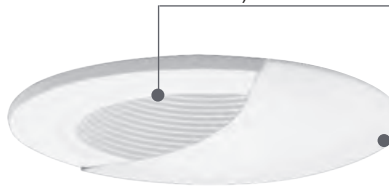
**DIMMING INFORMATION**

DIM10 (0-10V Dimming)  
LUTH (Lutron® Hi-lume® Dimming)

| TYPE   | 900L SERIES  | 1200L SERIES   | OPTICS                                  | CCT  | CRI  | AIR-SHUT                    | EMERGENCY                    | TRIM   | BAFFLE  | REFLECTOR  | TRIM/RING  |
|--------|--|--|---|--|--|-----------------------------|------------------------------|--|---|--|--|
| B5-LED | <input type="checkbox"/> 900L-DIMTR-120<br><input type="checkbox"/> 900L-LUTH-120<br><input type="checkbox"/> 900L-LUTH-277<br><input type="checkbox"/> 900L-DIM10-MVOLT | <input type="checkbox"/> 1200L-DIMTR-120<br><input type="checkbox"/> 1200L-LUTH-120<br><input type="checkbox"/> 1200L-LUTH-277<br><input type="checkbox"/> 1200L-DIM10-MVOLT | <input type="checkbox"/> MD<br>(Medium) | <input type="checkbox"/> 27K<br><input type="checkbox"/> 30K<br><input type="checkbox"/> 35K<br><input type="checkbox"/> 40K<br><input type="checkbox"/> 50K<br>(85+ CRI Only) | <input type="checkbox"/> 85+<br><input type="checkbox"/> 90+ | <input type="checkbox"/> AT | <input type="checkbox"/> EMG | <input type="checkbox"/> L530 <input type="checkbox"/> L542 <input type="checkbox"/> L501L<br><input type="checkbox"/> L507 <input type="checkbox"/> L504 <input type="checkbox"/> L505L<br><input type="checkbox"/> L535 <input type="checkbox"/> L501<br><input type="checkbox"/> L536 <input type="checkbox"/> L505<br><input type="checkbox"/> L541 <input type="checkbox"/> L504L | <input type="checkbox"/> W<br><input type="checkbox"/> P<br><input type="checkbox"/> SN<br><input type="checkbox"/> CP<br><input type="checkbox"/> BZ | <input type="checkbox"/> BZ <input type="checkbox"/> MB<br><input type="checkbox"/> CL <input type="checkbox"/> W<br><input type="checkbox"/> CP <input type="checkbox"/> SN<br><input type="checkbox"/> RG <input type="checkbox"/> SHZ | <input type="checkbox"/> BK <input type="checkbox"/> SN<br><input type="checkbox"/> WH <input type="checkbox"/> CP<br><input type="checkbox"/> CH <input type="checkbox"/> BZ<br><input type="checkbox"/> PB |

# 5" LED L500 BAFFLE TRIMS

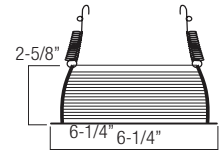
**L511W-WH - BAFFLE WALL WASH**  
(ORDERING INFORMATION) **L511X- XX**



**BAFFLE RING FINISH:**



**WALL WASH COVER FINISH:**



**L530W-WH - Stepped Baffle**



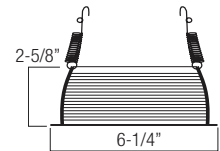
*Photometric Multiplier 1.0*

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

**RING FINISH:**



L530W-WH



**L530P-WH - Stepped Baffle**



*Photometric Multiplier .75*

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

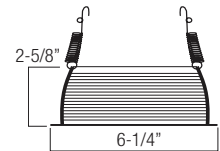
**RING FINISH:**



L530P-BK



L530P-WH



**L530SN-SN - Stepped Baffle**



*Photometric Multiplier .92*

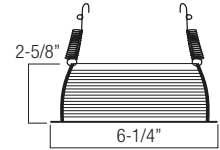
**BAFFLE FINISH: SN-SATIN NICKEL (ORDERING INFORMATION) L530SN-SN**

**RING FINISH:**

**SN**



L530SN-SN



**L530CP-CP - Stepped Baffle**



*Photometric Multiplier .87*

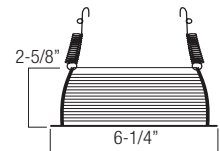
**BAFFLE FINISH: CP-COPPER (ORDERING INFORMATION) L530CP-CP**

**RING FINISH:**

**CP**



L530CP-CP



**L530BZ-BZ - Stepped Baffle**



*Photometric Multiplier .85*

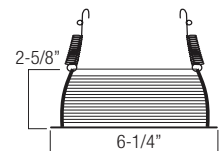
**BAFFLE FINISH: BZ-BRONZE (ORDERING INFORMATION) L530BZ-BZ**

**RING FINISH:**

**BZ**



L530BZ-BZ



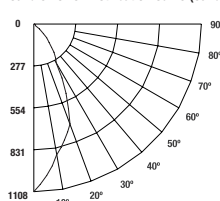
**B51C-LED-650L-DIM10-120-FL-40K-AT-L530-W-WH**

Test no.: **EL-011418**

Lumens: **696**

Spacing criteria: **.76**

Candle Power Distribution Curve (Candela)



Candela Distribution

| Vertical Angle | Candela at Horizontal Angle 0 |
|----------------|-------------------------------|
| 0              | 1004                          |
| 5              | 807                           |
| 15             | 680                           |
| 25             | 452                           |
| 35             | 203                           |
| 45             | 78                            |
| 55             | 13                            |
| 65             | 9                             |
| 75             | 5                             |
| 85             | 2                             |
| 90             | 0                             |

Zonal Lumen Summary

| Zone | Lumens | %Lamp  | %Fixture |
|------|--------|--------|----------|
| 0-20 | 295.86 | 42.60  | 42.50    |
| 0-30 | 510.21 | 73.50  | 73.30    |
| 0-40 | 626.53 | 90.20  | 90.00    |
| 0-60 | 680.33 | 98.00  | 97.80    |
| 0-80 | 693.69 | 99.90  | 99.70    |
| 0-90 | 695.90 | 100.20 | 100.00   |



# 5" LED L500 REFLECTOR TRIMS

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

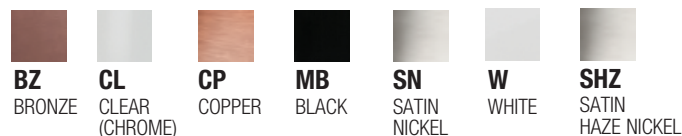


**L507CP-CP**  
Photometric Multiplier .90

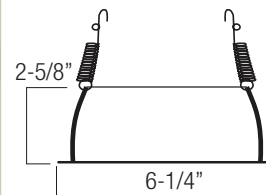
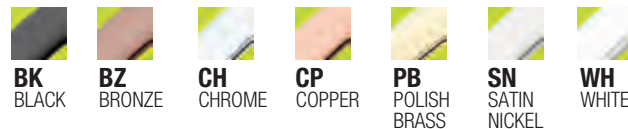


**L507SHZ-WH**  
Photometric Multiplier .87

### TRIM/RING FINISH:



### TRIM/RING FINISH:



THE MOST UP TO DATE PHOTOMETRIC DATA IS AVAILABLE ONLINE @ [WWW.IUSEELITE.COM](http://WWW.IUSEELITE.COM)

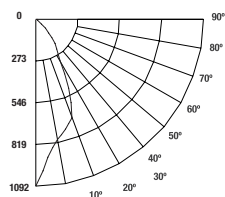
### B5IC-LED-650L-DIM10-120-FL-40K-AT-L507-CL-WH

Test no.: EL-011417

Lumens: 731

Spacing criteria: .78

### Candle Power Distribution Curve (Candela)



### Candela Distribution

| Vertical Angle | Candela at Horizontal Angle 0 |
|----------------|-------------------------------|
| 0              | 1091                          |
| 5              | 906                           |
| 15             | 743                           |
| 25             | 498                           |
| 35             | 237                           |
| 45             | 87                            |
| 55             | 10                            |
| 65             | 5                             |
| 75             | 2                             |
| 85             | 1                             |
| 90             | 0                             |

### Zonal Lumen Summary

| Zone | Lumens | %Lamp  | %Fixture |
|------|--------|--------|----------|
| 0-20 | 301.21 | 41.30  | 41.20    |
| 0-30 | 529.23 | 72.60  | 72.40    |
| 0-40 | 665.57 | 91.30  | 91.10    |
| 0-60 | 723.52 | 99.20  | 99.00    |
| 0-80 | 730.02 | 100.10 | 99.90    |
| 0-90 | 730.81 | 100.20 | 100.00   |

# 5" LED L500 LENSED BAFFLE TRIMS

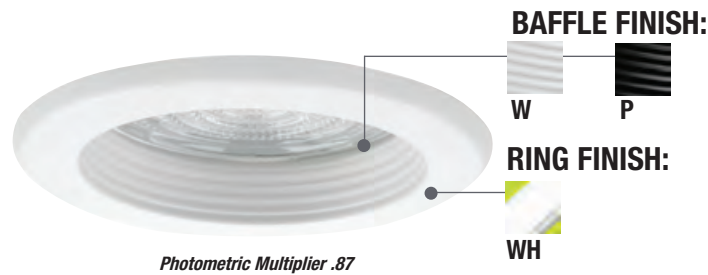
## L535W-WH - BAFFLE WITH FROSTED LENS (ORDERING INFORMATION) L535W-XX



LENSED TRIMS AVAILABLE IN  
**650L** | **900L**  
14 WATTS | 18 WATTS



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



LENSED TRIMS AVAILABLE IN  
**650L** | **900L**  
14 WATTS | 18 WATTS



## L504WH - Designer Dome Lens



### LENS FINISH: WHITE (ORDERING INFORMATION) L504-XX

LENSED TRIMS AVAILABLE IN  
**650L** | **900L**  
14 WATTS | 18 WATTS



## L501WH - Metal Albalite Lens



### LENS FINISH: WHITE (ORDERING INFORMATION) L501-XX

LENSED TRIMS AVAILABLE IN  
**650L** | **900L**  
14 WATTS | 18 WATTS



## L505WH - Metal Fresnel Lens



### LENS FINISH: CLEAR (ORDERING INFORMATION) L505 XX

LENSED TRIMS AVAILABLE IN  
**650L** | **900L**  
14 WATTS | 18 WATTS




LED

5"

5 INCH LENSED BAFFLE LED TRIMS

# 5" LED L500 LENSED REFLECTOR TRIMS

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



*Photometric Multiplier .89*

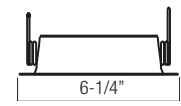
**REFLECTOR finish:**

CL MB RG W

**RING FINISH:**

WH


LENSED TRIMS AVAILABLE IN  
**650L** 14 WATTS | **900L** 18 WATTS



6-1/4"

FOR WET LOCATION

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



*Photometric Multiplier .89*

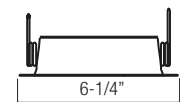
**REFLECTOR FINISH:**

CL MB RG W

**RING FINISH:**

WH

LENSED TRIMS AVAILABLE IN  
**650L** 14 WATTS | **900L** 18 WATTS



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  
**650L** 14 WATTS | **900L** 18 WATTS



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  
**650L** 14 WATTS | **900L** 18 WATTS



6-1/4"

FOR WET LOCATION

## L505L - FRESNEL LENS WITH PLASTIC TRIM RING



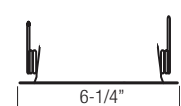
*Photometric Multiplier .89*

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

**RING FINISH:**

WHITE - PLASTIC

LENSED TRIMS AVAILABLE IN  
**650L** 14 WATTS | **900L** 18 WATTS



6-1/4"

FOR WET LOCATION

LED  
5"

5 INCH LENSED REFLECTOR LED TRIMS