LED-3-IC-6W
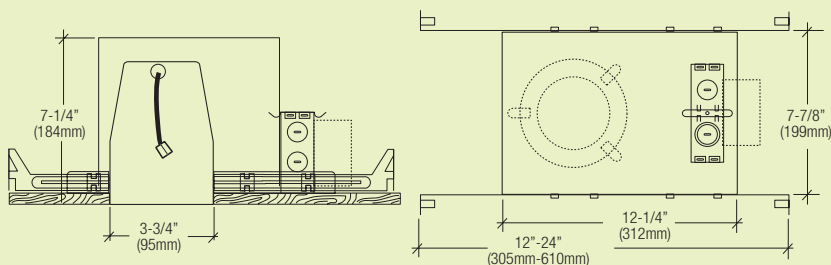
3" LED dedicated Architectural New Construction IC housing for use with LED-1301 and LED-1302 trims

NEW

7-1/4" (184mm)
3-3/4" (95mm)
7-7/8" (199mm)
12-1/4" (312mm)
12"-24" (305mm-610mm)

INPUT VOLT.	INPUT FREQ.	INPUT CUR.	LED DRIVER CUR.	INPUT POWER	LED POWER	THD	POWER FACTOR
120V	50/60Hz	55mA	480mA	6.6W(+/-5%)	6W	<10%	>0.9

3" LED dedicated Architectural New Construction IC housing with the driver installed on the junction box. Designed for new construction installations and suitable for use in insulation covered ceilings. The excellent color rendering index of 85+ and realistic color temperature ranging from 27K to 50K confirms that the Elite LED luminaires are ideally suited for use in hospitality, health care, commercial, retail and residential applications. Consuming 6 watts and producing over 350 usable lumens, the lighting is smooth and comfortable while using nearly 80% less energy than the equivalent 25W PAR36. Plus, the eco-friendly Elite Lighting LED system features 70% lumen maintenance at 50,000 hours life.

FEATURES
Greater light output than a 25W PAR36 while consuming 6 watts of power.

DURABILITY - 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 6 watt Elite LED output will be maintained at 70% of initial lumens at 50,000 hours of operation.

DRIVER - Our LED driver is rated for 50 to 60 Htz 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. Elites driver is installed on the junction box cover, it is easily accessible for serviced from below the ceiling. Additionally, a 277V options is available.

REPEATABLE - Repeatability means quality. From our chip selection process, to our driver, to the thermal management, the 6 watt Elite LED is engineered for quality. Our superior design allows for installation in construction that requires the Elite Air-Shut™ system. All Elite LED luminaries are rated at 85+ CRI and tested to LM-79 and LM-80 standards by an outside laboratory, and meets the California Title-24 compliance standards. 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. Incadescent 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 LED-3-IC-6W eco-friendly Elite LED system is warranted for 3 years.

A. HOUSING – Housing is IC rated for direct contact with insulation. May be installed in 2" x 8" joist construction.
• Outer Die-formed aluminum construction for maximum head dissipating air chamber on top of the housing. Junction box could me accessed from inside and outside housing.
• Inner – deep-drawn single piece aluminum construction for maximum heat dissipation and rust protection. Adjusts vertically in plaster frame to accommodate 1/2" to 1-3/8" ceiling.

B. BAR HANGERS –
• Double headed nail is securely positioned 20° down in a hammer swing position. One end of bar hangers hinges 90°, and allows easy access to splice box.
• 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 ½" knockouts, one ¾" knockout and four Romex knockouts with integral strain clamps, all knockouts have true pry-out slots. J-box is 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	AIR-SHUT
LED-3-IC	❏ 6W	❏ 120V	❏ DIM-Dimming	AT
		❏ 277V		

Example: **LED-3-IC-6W-120V-DIM-AT**

PROUDLY ASSEMBLED in AMERICA

UL LISTED
TITLE 24
AIR-SHUT
ENERGY STAR

elite LED LIGHTING
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Gather the light scattered by the LED chip, shape it into a functional beam with a glare reducing cone that has a 55-degree cut-off. Now you have the Elite engineered, superior quality, 3" architectural LED downlight; consuming 6 watts and producing over 342 lumens.

Among the trim options are: white, black, copper, bronze or satin nickel architectural low glare baffle with a variety of trim ring color options. Die-cast aluminum trim and integral heat management system are engineered for extremely long life and service period.

The heat sink extrusion is made from 3001 aluminum and is engineered to be in intimate contact with the die-cast trim. The cast trim has been designed to maximize reflective surface areas while keeping effective heat dissipation a priority.

As technology improves or the needs of a space changes, the Elite architectural 3" LED trim can be upgraded. Simply pull it down from the housing and unplug the quick EZ-disconnect. Putting in a new trim is just as easy and there is no danger of electrical shock. The EZ-connect system eliminates incidental contact and the system is powered by less than 12 volts.

LED-1301-6W-FL-35K-W-WH
Photometric Multiplier 1.0
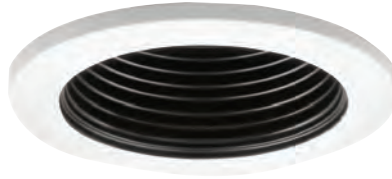
LED-1301-6W-FL-35K-P-WH
Photometric Multiplier .75

LED-1301-6W-FL-35K-P-BK
Photometric Multiplier .75

LED-1301-6W-FL-35K-SN-SN
Photometric Multiplier .92

LED-1301-6W-FL-35K-CP-CP
Photometric Multiplier .87
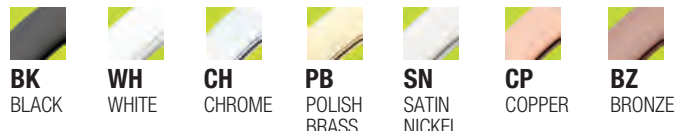
LED-1301-6W-FL-35K-BZ-BZ
Photometric Multiplier .85

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

TYPE	WATTAGE	OPTICS	COLOR	FINISH	
LED-1301	❏ 6W	❏ FL-Flood(Standard)	❏ 27K	❏ W-WH	
			❏ 30K	❏ P-WH	❏ P-BK
			❏ 35K	❏ SN-SN	
			❏ 40K	❏ CP-CP	
Example: **LED-1301-6W-FL-35K-W-WH**			❏ 50K	❏ BZ-BZ	

BAFFLE FINISH :

BZ	CP	SN	WH	P
BRONZE	COPPER	SATIN NICKEL	WHITE	BLACK

TRIM/RING FINISH :

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

TRIM: **LED-1301-6W-FL-35K-W-WH**
TEST NO.: **LLI 0909-17A1**
LUMENS: **342**
SPACING CRITERIA: **.14**

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	216.76	N.A.	63.3
0-40°	265.50	N.A.	77.6
0-60°	335.61	N.A.	98.1
0-90°	342.27	N.A.	100
0-180°	342.27	N.A.	100

Total Luminaire Efficacy = 57 lpw

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	18,668	18,668	18,668
55°	903	903	903
65°	1225	1225	1225
75°	2000	2000	2000
85°	5940	5940	5940
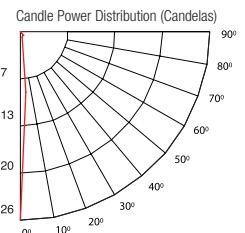
THE MOST UP TO DATE PHOTOMETRIC DATA IS AVAILABLE ONLINE @ WWW.IUSEELITE.COM

Candle Power Distribution (Candelas)

Trim - Elite engineered, superior quality, 3" architectural LED downlight

Gather the light scattered by the LED chip, shape it into a functional beam with a glare reducing cone that has a 55-degree cut-off. Now you have the Elite engineered, superior quality, 3" architectural LED downlight; consuming 6 watts and producing over 357 lumens.

Among the trim options are: architectural flood reflector with clear anodized (chrome), white, black, copper, satin nickel or gold with a variety of trim ring color options. Die-cast aluminum trim and integral heat management system are engineered for extremely long life and service period.

The heat sink extrusion is made from 3001 aluminum and is engineered to be in intimate contact with the die-cast trim. The cast trim has been designed to maximize reflective surface areas while keeping effective heat dissipation a priority.

As technology improves or the needs of a space changes the Elite architectural 3" LED trim can be upgraded. Simply pull it down from the housing and unplug the quick EZ-disconnect. Putting in a new trim is just as easy and there is no danger of electrical shock. The EZ-connect system eliminates incidental contact and the system is powered by less than 12 volts.

3" LED-1302 REFLECTOR

LED-1302-6W-FL-35K-CL-WH
Photometric Multiplier 1.0

LED-1302-6W-FL-35K-CP-WH
Photometric Multiplier .90

LED-1302-6W-FL-35K-SN-WH
Photometric Multiplier .87

LED-1302-6W-FL-35K-CL-CH
Photometric Multiplier 1.0

LED-1302-6W-FL-35K-CP-CP
Photometric Multiplier .90

LED-1302-6W-FL-35K-SN-SN
Photometric Multiplier .87

LED-1302-6W-FL-35K-CL-SN
Photometric Multiplier 1.0

LED-1302-6W-FL-35K-RG-PB
Photometric Multiplier .90

LED-1302-6W-FL-35K-RG-WH
Photometric Multiplier .90

TRIM: **LED-1302-6W-FL-35K-CL-WH**
TEST NO.: **LLI 0909-17A3**
LUMENS: **357**
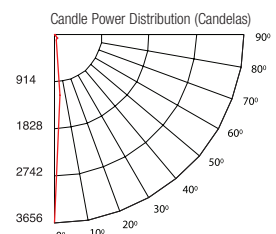SPACING CRITERIA: **.14**

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30⁰	223.45	N.A.	62.5
0-40⁰	275.74	N.A.	77.1
0-60⁰	351.44	N.A.	98.2
0-90⁰	357.44	N.A.	100
0-180⁰	357.44	N.A.	100

Total Luminaire Efficacy = 60 lpw

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

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0⁰	Average 45⁰	Average 90⁰
45⁰	20,132	20,132	20,132
55⁰	1354	1354	1354
65⁰	1225	1225	1225
75⁰	2000	2000	2000
85⁰	2970	2970	2970

Candle Power Distribution (Candelas)

914
1828
2742
3656

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LED-1302-6W-FL-35K-MB-WH

Photometric Multiplier .77

LED-1302-6W-FL-35K-MB-BK

Photometric Multiplier .77

LED-1302-6W-FL-35K-W-WH

Photometric Multiplier .95

LED-1302-6W-FL-35K-BZ-BZ

Photometric Multiplier .87

LED-1362-6W-FL-35K-CL-WH

FOR **WET** LOCATION

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

TRIM/RING FINISH :						
BK BLACK	**WH** WHITE	**CH** CHROME	**PB** POLISH BRASS	**SN** SATIN NICKEL	**CP** COPPER	**BZ** BRONZE

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

TYPE	WATTAGE	OPTICS	COLOR	FINISH		
LED-1302	❏ 6W	❏ FL-Flood(Standard)	❏ 27K	❏ CL-WH	❏ CL-CH	❏ CL-SN
			❏ 30K	❏ CP-WH	❏ CP-CP	
			❏ 35K	❏ W-WH		
			❏ 40K	❏ BZ-BZ		
			❏ 50K	❏ SN-WH	❏ SN-SN	
				❏ RG-WH	❏ RG-PB	
				❏ MB-WH	❏ MB-BK	

Example: **LED-1302-6W-FL-35K-CL-WH**