

H5IC-LED

5" ARCHITECTURAL NEW CONSTRUCTION IC LED DOWNLIGHT



**900
LUMENS**

**IC
RATED**

INPUT VOLT.	INPUT FREQ.	INPUT CUR.	THD	POWER FACTOR	INPUT POWER	LUMENS
120/277	50/60Hz	150mA/65mA	<20%	>0.9	14W(+/-5%)	650
120/277	50/60Hz	116mA/50mA	<20%	>0.9	18W(+/-5%)	900

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. Produces over 650 lumens & 900 lumens. Lighting is smooth and comfortable, all while using 75% less energy than the equivalent 65WBR30 and 50% less than the common 18W CFL. Plus the MAXILUME LED system features 70% lumen maintenance at 50,000hrs of life, with Energy Star and California Title-24 (compliances pending).

FEATURES - Greater light output than an 18W CFL or a 65W BR30. MAXILUME LED luminaires are ideally suited for use in hospitality, health care, commercial, retail and residential applications.

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 off with a glare reducing cone that has a 55-degree cut-off. Now you have the MAXILUME engineered, superior quality, light engine; producing over 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 MAXILUME light engine output will be maintained at 70% of initial at 50,000hrs of operation. Our superior design allows for installation in construction that requires MAXILUME Air-Shut™ system. 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.

REPEATABLE - Repeatability means quality. From our chip selection process, to our driver, to the thermal management, the MAXILUME LED Module is engineered for quality. All MAXILUME LED luminaires are rated at 85+, 90+ and 98+ CRI and tested to LM-79 and LM-80 standards by a certified laboratory. California Title 24-2013 and Energy Star compliance are standard.

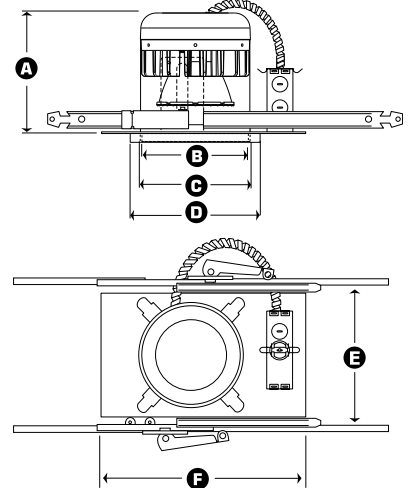
MOUNTING BRACKET - Constructed from 16 gauge steel and is supplied with C-channels that are adjustable up to 28". Mounting brackets may be adjusted up to 2-3/4" vertically.

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.

DIMMABLE - The MAXILUME LED system is shipped standard with a 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277). Fixtures can also be shipped with a Lutron

Example: **H5IC-LED-650L-DIM10-120-MD-30K-AT-L530-W-WH**

**SAME DAY
SHIPPING AVAILABLE**



- A** Height = 7"
- B** Trim Aperture = 5"
- C** Cut-out = 5-3/4"
- D** Trim Outside Dia. = 6-1/2"
- E** Width = 7"
- F** Length = 10"

Hi-lume A series driver which can be dimmed with Lutron Dimming Systems when ordered with the following options (LUTH-120, LUTH-277), Lutron® Hi-Lume A-Series (LUT2W-120) 2-Wire Forward Phase Control 1% Dimming in 120V only, or EldoLed 0-10V 1% Dimming, consult factory for other EldoLed driver and other driver options. Triac & Electronic Low Voltage dimming driver also available when ordered with the following options (DIMTR-120). All fixtures with 3000L and below are dimmable down to 1% and the fixtures with 4000L and above can be dimmed down to 10%.

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.

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

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

DIMMING INFORMATION

DIM10 (0-10V 1% Dimming)

LUTH (Lutron® Hi-Lume A-Series 3-Wire or Eco System 1% Dimming up to 4000 lumens only)

LUT2W (Lutron® Hi-Lume A-Series 2-Wire Forward Phase Control 1% Dimming in 120V only and up to 3000 lumens only)

ELDO10 (EldoLed 0-10V 1% Dimming up to 3000 lumens only, consult factory for the EldoLed driver options)

DIMTR (Triac & Electronic Low Voltage Dimming)

Covered by U.S. Patent Numbers: D642317S, D621089S, D615239S

LISTING

c-UL-us

Listed for Damp location. Feed Through Wiring. Direct Contact w/ Insulation LM79 / LM80

TYPE	650L SERIES	900L SERIES	VOLTAGE	OPTICS	CCT	CRI	AIR-SHUT	EMERGENCY	TRIM		BAFFLE	REFLECTOR	TRIM/RING
H5IC-LED	<input type="checkbox"/> 650L-DIMTR*	<input type="checkbox"/> 900L-DIMTR*	<input type="checkbox"/> 120	<input type="checkbox"/> MD (Medium)	<input type="checkbox"/> 27K	<input type="checkbox"/> 85+	<input type="checkbox"/> AT	<input type="checkbox"/> EMG	<input type="checkbox"/> L530	<input type="checkbox"/> L504 (650L only)	<input type="checkbox"/> W	<input type="checkbox"/> BZ	<input type="checkbox"/> BK
	<input type="checkbox"/> 650L-LUTH	<input type="checkbox"/> 900L-LUTH	<input type="checkbox"/> 277	<input type="checkbox"/> Standard	<input type="checkbox"/> 30K	<input type="checkbox"/> 90+			<input type="checkbox"/> L507	<input type="checkbox"/> L501 (650L only)	<input type="checkbox"/> P	<input type="checkbox"/> CL	<input type="checkbox"/> WH
	<input type="checkbox"/> 650L-DIM10	<input type="checkbox"/> 900L-DIM10	<input type="checkbox"/> 347	<input type="checkbox"/> ND (Narrow)	<input type="checkbox"/> 35K	<input type="checkbox"/> 98+**			<input type="checkbox"/> L535 (650L only)	<input type="checkbox"/> L505 (650L only)	<input type="checkbox"/> SN	<input type="checkbox"/> CP	<input type="checkbox"/> CH
	<input type="checkbox"/> 650L-LUT2W *	<input type="checkbox"/> 900L-LUT2W *			<input type="checkbox"/> 40K				<input type="checkbox"/> L536 (650L only)	<input type="checkbox"/> L504L (650L only)	<input type="checkbox"/> CP	<input type="checkbox"/> RG	<input type="checkbox"/> PB
	<input type="checkbox"/> 650L-ELDO10	<input type="checkbox"/> 900L-ELDO10			<input type="checkbox"/> 50K (85+CRI only)				<input type="checkbox"/> L541 (650L only)	<input type="checkbox"/> L501L (650L only)	<input type="checkbox"/> BZ	<input type="checkbox"/> MB	<input type="checkbox"/> SN
									<input type="checkbox"/> L542 (650L only)	<input type="checkbox"/> L505L (650L only)		<input type="checkbox"/> W	<input type="checkbox"/> CP
												<input type="checkbox"/> SN	<input type="checkbox"/> BZ
												<input type="checkbox"/> SHZ	

* DIMTR and LUT2W options only available in 120 Volt. ** 98+ CRI is available in 27K, 30K and 40K only

MAXILUME

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LED
5"

5 INCH ARCHITECTURAL IC LED DOWNLIGHT

L530W-WH

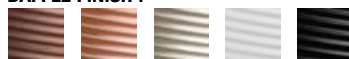
Stepped Baffle (ORDERING INFORMATION) **L530X-XX**



AVAILABLE COLOR COMBINATIONS:

CP-CP, SN-SN, W-WH, P-WH, P-BK, BZ-BZ

BAFFLE FINISH :



BZ CP SN W P

RING FINISH :



BK WH CH PB SN CP BZ

L507CL-WH

Reflector (ORDERING INFORMATION) **L507X-XX**



AVAILABLE COLOR COMBINATIONS:

CP-CP, W-WH, RG-WH, MB-WH, CL-WH, MB-BK, RG-PB, CL-CH

REFLECTOR FINISH :



CL CP MB RG SN W

RING FINISH :



BK WH CH PB SN CP BZ

L535W-WH - BAFFLE W/ ALBALITE LENS



BAFFLE FINISH:

BZ, CP, SN, WH, P

RING FINISH:

BK, WH, CH, PB, SN, CP, BZ



L541CL-WH - REFLECTOR W/ ALBALITE LENS



REFLECTOR FINISH:

CL, MB, RG, W, CP, SN

RING FINISH:

BK, WH, CH, PB, SN, CP, BZ



L536W-WH - BAFFLE W/ FRESNEL LENS



BAFFLE FINISH:

BZ, CP, SN, WH, P

RING FINISH:

BK, WH, CH, PB, SN, CP, BZ



L542CL-WH - REFLECTOR W/ FRESNEL LENS



REFLECTOR FINISH:

CL, MB, RG, W, CP, SN

RING FINISH:

BK, WH, CH, PB, SN, CP, BZ



LED LENSED TRIM

L504WH - DESIGNER DOME LENS



LENS FINISH:
WHITE

RING FINISH:
BK, WH, CH, SN, CP, BZ



L501WH - METAL ALBALITE LENS



LENS FINISH:
WHITE

RING FINISH:
BK, WH, CH, SN, CP, BZ



L505WH - METAL FRESNEL LENS



LENS FINISH:
CLEAR

RING FINISH:
BK, WH, CH, SN, CP, BZ



LED DOME LENSED TRIM WITH POLYCARBONATE RING

L504L - DESIGNER DOME LENS WITH PLASTIC TRIM RING



LENS FINISH:
WHITE

RING FINISH:
WHITE PLASTIC



L501L - ALBALITE LENS WITH PLASTIC TRIM RING



LENS FINISH:
WHITE

RING FINISH:
WHITE PLASTIC



L505L - FRESNEL LENS WITH PLASTIC TRIM RING



LENS FINISH:
CLEAR

RING FINISH:
WHITE PLASTIC



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

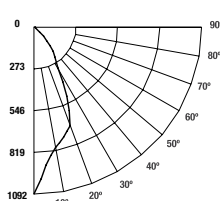
H5IC-LED-650L-DIM10-120-FL-40K-AT-L507-CL-WH

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