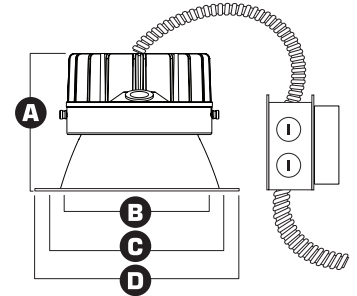


# HHJ6-LED 6" ARCHITECTURAL HIGH LUMEN LED RETROFIT DOWNLIGHT



**4000 LUMENS**

INPUT VOLT.	INPUT FREQ.	INPUT CUR.	THD	POWER FACTOR	WATTAGE	LUMENS
120/277	50/60Hz	408mA/177mA	<20%	>0.9	49(+/-5%)	4000
120/277	50/60Hz	333mA/144mA	<20%	>0.9	40(+/-5%)	3000
120/277	50/60Hz	266mA/115mA	<20%	>0.9	32(+/-5%)	2000
120/277	50/60Hz	166mA/72mA	<20%	>0.9	20(+/-5%)	1200
120/277	50/60Hz	125mA/54mA	<20%	>0.9	15(+/-5%)	900



- A** Height = 5-3/4"
- B** Trim Aperture = 6"
- C** Cut-out = 6-3/4"
- D** Trim Outside Dia. = 7-3/8"

**DESCRIPTION** - 6" LED dedicated Architectural Retrofit Downlight with integral LED heat management casting and driver (installed on junction box). Available in 900 lumens, 1200 lumens, 1500 lumens, 2000 lumens, 3000 lumens & 4000 lumens. ELITE's eco-friendly MAXILUME LED system is Energy Star and California Title 24 compliant and features 70% lumen maintenance at 50,000hrs of life. Our lighting adds comfort to any environment while using 50% less energy than the common CFL downlight.

**FEATURES** - MAXILUME LED Retrofit luminaires are ideally suited for use in hospitality, health care, commercial, academic institutions, retail and other architectural applications. Our retrofit was designed to replace the existing electrical components found in traditional Incandescent or CFL downlights with energy efficient LED technology.



**OPTICS** - MAXILUME LED Optilux technology combines unmatched performance with visual comfort. Spun 0.05" thick 1-step anodized reflector has been designed to gather the light scattered by the LED chip and shape it into functional beams that minimize brightness and glare, while eliminating lamp image. Reflector offers a 45-55 degree cutoff and smooth frost Solite diffuser distributes light even throughout the workplace in 3 different distribution; Wide (WD), Medium (MD) and Narrow (ND).

**PERFORMANCE** - Operating system delivers 900, 1200, 1500, 2000, 3000 & 4000 lumens. All MAXILUME LED luminaires are rated at 85+ and 90+ CRI, and are binned to within 3 MacAdam ellipses. Elite's highly selective LED chips produce zero ultraviolet and virtually no infrared light. All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

**THERMAL MANAGEMENT SYSTEM** - Using a proprietary coolLED Advanced Thermodynamic Design, Die-cast aluminum housing and heat management system are engineered for extremely long life and service period. Heat sink is attached to top of reflector. 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.

**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 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%.

Example: HHJ6-LED-900L-DIM10-120-MD-30K-HH6-6501-CL-WH

**INSTALLATION** - The installation time is less than 10 minutes.

**MOUNTING** - Our retrofit is designed to install into an existing downlights mounting frame and convert them into energy efficient LED downlights. Flex is designed to attach into existing junction box. Additional brackets are available for up to 2-1/2" ceiling thickness.

**LED DRIVER/JUNCTION BOX** - The LED driver is rated for 50 to 60Hz at 120V /277V input, produces less than 20%THD, and has a power factor between 90% and 100% and is thermally protected for additional safety. MAXILUME's LED driver is installed on the junction box cover so it may be serviced from below the ceiling. UL Listed for through-branch circuit wiring, provided with four 1/2" knockouts, one 3/4" knockout and four Romex knockouts with true pryout slots and strain clamps. Designed for straight through conduit runs.

**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)

**LISTING**

c-UL-us / c-ETL-us - listed for Wet Location if used with HH6-6501 Trim.  
 c-UL-us / c-ETL-us - listed for feed Through Wiring.  
 LM79 / LM80  
 U.S Patent No. - D685,118S

LED Driver options:

OPTOTRONIC OSRAM  
Dimmable LED Power Supplies

**LUTRON**

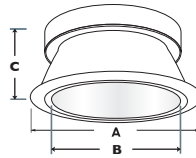
PHILIPS ADVANCE  
Quality LED Drivers

TYPE STANDARD	LUMENS/DRIVER				VOLTAGE	OPTICS	CCT	CRI	EMERGENCY	TRIM TYPE		REFLECTOR/RING FINISH	DISC					
	900L SERIES	1200L SERIES	1500L SERIES	2000L SERIES						NO DISC	WITH DISC							
HHJ6-LED	□ 900L-DIM10	□ 1200L-DIM10	□ 1500L-DIM10	□ 2000L-DIM10	□ 120 □ 277 □ 347 (DIM10 only)	□ WD (70°-75°) □ MD (55°-60°) □ ND (35°-40°)	□ 27K □ 30K □ 35K □ 40K □ 50K <sup>3</sup> (85+CRI only)	□ 85+ □ 90+	□ EMG-LED  Typical lumen output of the fixture is up to 1000L in emergency mode. Contact the factory for details.	□ HH6-6501	□ HH6-6509	□ CL-WH	□ BLUE					
	□ 900L-DIMTR <sup>1</sup>	□ 1200L-DIMTR <sup>1</sup>	□ 1500L-DIMTR <sup>1</sup>	□ 2000L-DIMTR <sup>1</sup>						□ HH6-6507	□ HH6-6510	□ CL-SCH	□ RED					
	□ 900L-LUTH <sup>2</sup>	□ 1200L-LUTH <sup>2</sup>	□ 1500L-LUTH <sup>2</sup>	□ 2000L-LUTH <sup>2</sup>						□ HH6-6521	□ HH6-6511	□ SHZ-SHZ	□ GREEN					
	□ 900L-LUT2W <sup>1</sup>	□ 1200L-LUT2W <sup>1</sup>	□ 1500L-LUT2W <sup>1</sup>	□ 2000L-LUT2W <sup>1</sup>						□ HH6-6522	□ HH6-6528	□ SHZ-WH	□ FROST					
	□ 900L-ELDO10-1 <sup>2</sup>	□ 1200L-ELDO10-1 <sup>2</sup>	□ 1500L-ELDO10-1 <sup>2</sup>	□ 2000L-ELDO10-1 <sup>2</sup>						□ HH6-6523		□ W-WH	□ AL					
	□ 900L-ELDODALI-1 <sup>2</sup>	□ 1200L-ELDODALI-1 <sup>2</sup>	□ 1500L-ELDODALI-1 <sup>2</sup>	□ 2000L-ELDODALI-1 <sup>2</sup>						□ HH6-6525		□ MB-WH	□ BZ					
	□ 900L-ELDODMX-1 <sup>2</sup>	□ 1200L-ELDODMX-1 <sup>2</sup>	□ 1500L-ELDODMX-1 <sup>2</sup>	□ 2000L-ELDODMX-1 <sup>2</sup>						□ HH6-6577		□ WT-WH	□ WH					
	<b>3000L SERIES</b>		<b>4000L SERIES</b>															
	□ 3000L-DIM10	□ 4000L-DIM10																
	□ 3000L-LUTH <sup>2</sup>	□ 4000L-LUTH <sup>2</sup>																
	□ 3000L-LUT2W <sup>1</sup>	□ 4000L-LUT2W <sup>1</sup>																
	□ 3000L-ELDO10-1 <sup>2</sup>	□ 4000L-ELDO10-1 <sup>2</sup>																
□ 3000L-ELDODALI-1 <sup>2</sup>	□ 4000L-ELDODALI-1 <sup>2</sup>																	
□ 3000L-ELDODMX-1 <sup>2</sup>	□ 4000L-ELDODMX-1 <sup>2</sup>																	

<sup>1</sup> LUT2W and DIMTR are available in 120V only    <sup>2</sup> LUTH, ELDO10-1, ELDODALI -1, and ELDODMX-1 are available in 120V and 277V    <sup>3</sup> 50K series are available with 85+ CRI only

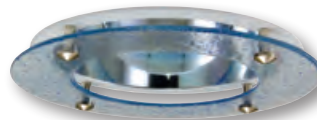


FOR  
**WET**  
LOCATION

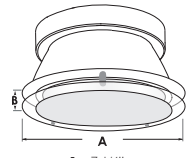


**EXAMPLE:** HH6-6501-CL-WH  
**HH6-6501** - REFLECTOR WITH DIFFUSE LENS  
**REFLECTOR/RING FINISH:**  
CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH  
PATENT NO. D685,118 S

A= 7-3/8"  
B= 6"  
C= 5-1/4"



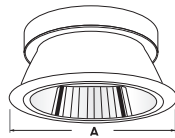
**EXAMPLE:** HH6-6521-CL-WH  
**HH6-6521** - STARDUST DECO RING GLASS WITH DIFFUSE LENS  
**REFLECTOR/RING FINISH:**  
CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH



A= 7-1/4"  
B= 1"



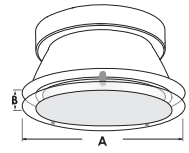
**EXAMPLE:** HH6-6507-CL-WH  
**HH6-6507** - WALL WASH REFLECTOR WITH DIFFUSE LENS  
**REFLECTOR/RING FINISH:**  
CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH



A= 7-1/4"



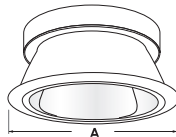
**EXAMPLE:** HH6-6523-CL-WH  
**HH6-6523** - PRISM DECO RING GLASS WITH DIFFUSE LENS  
**REFLECTOR/RING FINISH:**  
CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH



A= 7-1/4"  
B= 1"



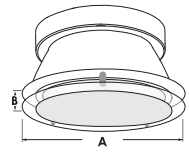
**EXAMPLE:** HH6-6577-CL-WH  
**HH6-6577** - DOUBLE WALL WASH REFLECTOR WITH DIFFUSE LENS  
**REFLECTOR/RING FINISH:**  
CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH



A= 7-1/4"



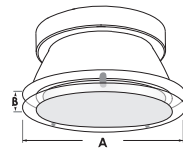
**EXAMPLE:** HH6-6522-CL-WH  
**HH6-6522** - EURO DECO RING GLASS WITH DIFFUSE LENS  
**REFLECTOR/RING FINISH:**  
CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH



A= 7-1/4"  
B= 1"



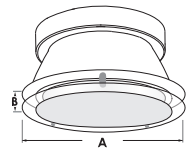
**EXAMPLE:** HH6-6509-CL-WH  
**HH6-6509** - DECO GLASS REFLECTOR WITH DIFFUSE LENS  
**REFLECTOR/RING FINISH:**  
CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH  
**GLASS FINISH:**  
BLUE, RED, GREEN, FROST



A= 7-1/4"  
B= 1"



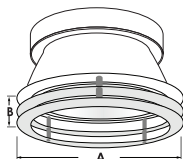
**EXAMPLE:** HH6-6525-CL-WH  
**HH6-6525** - CENTRAL ETCHED FLOAT GLASS WITH DIFFUSE LENS  
**REFLECTOR/RING FINISH:**  
CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH



A= 7-1/4"  
B= 1"



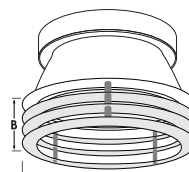
**EXAMPLE:** HH6-6510-CL-WH  
**HH6-6510** - DOUBLE RING GLASS WITH DIFFUSE LENS  
**REFLECTOR/RING FINISH:**  
CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH  
**GLASS FINISH:**  
BLUE, RED, GREEN, FROST



A= 7-1/4"  
B= 1-7/8"



**EXAMPLE:** HH6-6511-CL-WH  
**HH6-6511** - TRIPLE RING GLASS WITH DIFFUSE LENS  
**REFLECTOR/RING FINISH:**  
CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH  
**GLASS FINISH:**  
BLUE, RED, GREEN, FROST



A= 7-1/4"  
B= 2-3/4"



ALUMINIUM  
**DISC**

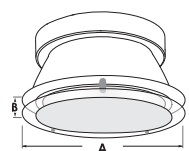
**EXAMPLE:** HH6-6528-CL-WH-AL  
**HH6-6528** - REFLECTOR WITH ALUMINIUM DISC AND DIFFUSE LENS  
**REFLECTOR FINISH:**  
CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH  
**DISC FINISH:**  
AL, WH, BZ



HH6-6528-CL-WH-WH



HH6-6528-CL-WH-BZ



A= 7-1/4"  
B= 1"

LED  
6"

6 INCH ARCHITECTURAL HIGH LUMEN LED OPTICS