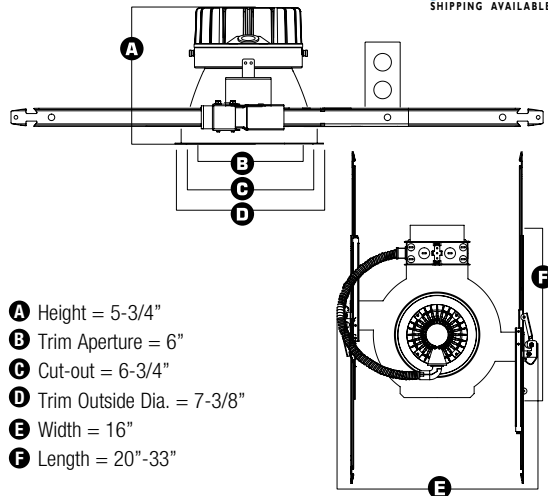


# HH6-LED 6" ARCHITECTURAL HIGH LUMEN LED DOWNLIGHT



**8000 LUMENS**



- A** Height = 5-3/4"
- B** Trim Aperture = 6"
- C** Cut-out = 6-3/4"
- D** Trim Outside Dia. = 7-3/8"
- E** Width = 16"
- F** Length = 20"-33"

INPUT VOLT.	INPUT FREQ.	INPUT CUR.	THD	POWER FACTOR	INPUT POWER	LUMENS
120/277	50/60Hz	858mA/372mA	<20%	>0.9	103W(+/-5%)	8000
120/277	50/60Hz	625mA/271mA	<20%	>0.9	82W(+/-5%)	6000
120/277	50/60Hz	458mA/199mA	<20%	>0.9	55W(+/-5%)	4000
120/277	50/60Hz	342mA/148mA	<20%	>0.9	41W(+/-5%)	3000
120/277	50/60Hz	225mA/97mA	<20%	>0.9	27W(+/-5%)	2000
120/277	50/60Hz	175mA/76mA	<20%	>0.9	21W(+/-5%)	1500
120/277	50/60Hz	142mA/61mA	<20%	>0.9	17W(+/-5%)	1200
120/277	50/60Hz	100mA/43mA	<20%	>0.9	12W(+/-5%)	900

**DESCRIPTION** - 6" LED dedicated Architectural New Construction 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, 6000 lumens and 8000 lumens. ELITE's eco-friendly MAXILUME LED system is Energy Star and California Title 24 compliant and features 70% lumen maintenance at 102,000hrs of life. Our lighting adds comfort to any environment while using 50% less energy than the common CFL downlight.

**FEATURES** - MAXILUME LED luminaires are ideally suited for use in hospitality, health care, commercial, academic institutions, retail and other architectural applications.



**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, 6000 & 8000 lumens. All MAXILUME LED luminaires are rated at 85+, 90+ and 98+ CRI, and are binned to within 2 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 102,000hrs 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 are dimmable down to 1%.

**MOUNTING FRAME** - Die-formed construction for maximum heat dissipation and rust protection.

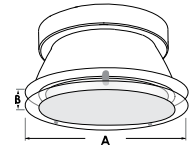
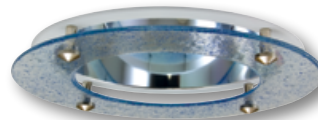
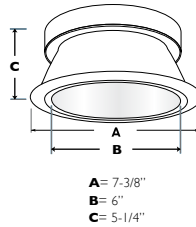
Example: HH6-LED-900L-DIM10-120-MD-30K-HH6-6501-CL-WH

TYPE	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					
HH6-LED	<input type="checkbox"/> 900L-DIM10	<input type="checkbox"/> 1200L-DIM10	<input type="checkbox"/> 1500L-DIM10	<input type="checkbox"/> 2000L-DIM10	<input type="checkbox"/> 120	<input type="checkbox"/> WD (70°-75°)	<input type="checkbox"/> 27K	<input type="checkbox"/> 85+	<input type="checkbox"/> EMG-LED	<input type="checkbox"/> HH6-6501	<input type="checkbox"/> HH6-6509	<input type="checkbox"/> CL-WH	<input type="checkbox"/> BLUE			
	<input type="checkbox"/> 900L-DIMTR <sup>1</sup>	<input type="checkbox"/> 1200L-DIMTR <sup>1</sup>	<input type="checkbox"/> 1500L-DIMTR <sup>1</sup>	<input type="checkbox"/> 2000L-DIMTR <sup>1</sup>	<input type="checkbox"/> 277	<input type="checkbox"/> MD (55°-60°)	<input type="checkbox"/> 30K	<input type="checkbox"/> 90+	<input type="checkbox"/> INTG-EMG-LED	<input type="checkbox"/> HH6-6507	<input type="checkbox"/> HH6-6510	<input type="checkbox"/> CL-SCH	<input type="checkbox"/> RED			
	<input type="checkbox"/> 900L-LUTH <sup>2</sup>	<input type="checkbox"/> 1200L-LUTH <sup>2</sup>	<input type="checkbox"/> 1500L-LUTH <sup>2</sup>	<input type="checkbox"/> 2000L-LUTH <sup>2</sup>	<input type="checkbox"/> 347	<input type="checkbox"/> ND (35°-40°)	<input type="checkbox"/> 35K	<input type="checkbox"/> 98+ <sup>3</sup>	Typical lumen output of the fixture is up to 1000L in emergency mode. Contact the factory for details.	<input type="checkbox"/> HH6-6521	<input type="checkbox"/> HH6-6511	<input type="checkbox"/> SHZ-SHZ	<input type="checkbox"/> GREEN			
	<input type="checkbox"/> 900L-LUT2W <sup>1</sup>	<input type="checkbox"/> 1200L-LUT2W <sup>1</sup>	<input type="checkbox"/> 1500L-LUT2W <sup>1</sup>	<input type="checkbox"/> 2000L-LUT2W <sup>1</sup>	(DIM10 only)	<input type="checkbox"/> 40K	<input type="checkbox"/> 50K <sup>3</sup>	<input type="checkbox"/> 50K <sup>3</sup>		<input type="checkbox"/> HH6-6522	<input type="checkbox"/> HH6-6528	<input type="checkbox"/> SHZ-WH	<input type="checkbox"/> FROST	<input type="checkbox"/> AL		
	<input type="checkbox"/> 900L-LUTFTB <sup>4</sup>	<input type="checkbox"/> 1200L-LUTFTB <sup>4</sup>	<input type="checkbox"/> 1500L-LUTFTB <sup>4</sup>	<input type="checkbox"/> 2000L-LUTFTB <sup>4</sup>		<input type="checkbox"/> W-WH	<input type="checkbox"/> HH6-6523	<input type="checkbox"/> AL		<input type="checkbox"/> HH6-6525	<input type="checkbox"/> MB-WH	<input type="checkbox"/> BZ				
	<input type="checkbox"/> 900L-ELD010-1 <sup>2</sup>	<input type="checkbox"/> 1200L-ELD010-1 <sup>2</sup>	<input type="checkbox"/> 1500L-ELD010-1 <sup>2</sup>	<input type="checkbox"/> 2000L-ELD010-1 <sup>2</sup>		<input type="checkbox"/> WT-WH	<input type="checkbox"/> HH6-6526	<input type="checkbox"/> WH		<input type="checkbox"/> HH6-6541	<input type="checkbox"/> HH6-6577					
	<input type="checkbox"/> 900L-ELD0DALI-1 <sup>2</sup>	<input type="checkbox"/> 1200L-ELD0DALI-1 <sup>2</sup>	<input type="checkbox"/> 1500L-ELD0DALI-1 <sup>2</sup>	<input type="checkbox"/> 2000L-ELD0DALI-1 <sup>2</sup>												
	<input type="checkbox"/> 900L-ELD0DMX-1 <sup>2</sup>	<input type="checkbox"/> 1200L-ELD0DMX-1 <sup>2</sup>	<input type="checkbox"/> 1500L-ELD0DMX-1 <sup>2</sup>	<input type="checkbox"/> 2000L-ELD0DMX-1 <sup>2</sup>												
	<b>3000L SERIES</b>					<b>4000L SERIES</b>				<b>6000L SERIES</b>				<b>8000L SERIES</b>		
	<input type="checkbox"/> 3000L-DIM10	<input type="checkbox"/> 4000L-DIM10	<input type="checkbox"/> 6000L-DIM10	<input type="checkbox"/> 8000L-DIM10								<b>OTHER OPTIONS</b>	<b>OPTIONS</b>			
<input type="checkbox"/> 3000L-LUTH <sup>2</sup>	<input type="checkbox"/> 4000L-LUTH <sup>2</sup>	<input type="checkbox"/> 6000L-LUTH <sup>2</sup>	<input type="checkbox"/> 8000L-LUTH <sup>2</sup>							<input type="checkbox"/> CP-CHICAGO-PLENUM	<input type="checkbox"/> INTG (Reflector shipped with pre-punched hole to accept INTG-EMG-LED)					
<input type="checkbox"/> 3000L-LUT2W <sup>1</sup>	<input type="checkbox"/> 4000L-LUT2W <sup>1</sup>	<input type="checkbox"/> 6000L-LUT2W <sup>1</sup>	<input type="checkbox"/> 8000L-LUT2W <sup>1</sup>								<b>TRIMLESS TRIM OPTIONS</b>					
<input type="checkbox"/> 3000L-LUTFTB <sup>4</sup>	<input type="checkbox"/> 4000L-LUTFTB <sup>4</sup>	<input type="checkbox"/> 6000L-LUTFTB <sup>4</sup>	<input type="checkbox"/> 8000L-LUTFTB <sup>4</sup>							<input type="checkbox"/> HH6-TL-6501	<input type="checkbox"/> CL					
<input type="checkbox"/> 3000L-ELD010-1 <sup>2</sup>	<input type="checkbox"/> 4000L-ELD010-1 <sup>2</sup>	<input type="checkbox"/> 6000L-ELD010-1 <sup>2</sup>	<input type="checkbox"/> 8000L-ELD010-1 <sup>2</sup>						<input type="checkbox"/> HH6-TL-6507	<input type="checkbox"/> SHZ						
<input type="checkbox"/> 3000L-ELD0DALI-1 <sup>2</sup>	<input type="checkbox"/> 4000L-ELD0DALI-1 <sup>2</sup>	<input type="checkbox"/> 6000L-ELD0DALI-1 <sup>2</sup>	<input type="checkbox"/> 8000L-ELD0DALI-1 <sup>2</sup>													
<input type="checkbox"/> 3000L-ELD0DMX-1 <sup>2</sup>	<input type="checkbox"/> 4000L-ELD0DMX-1 <sup>2</sup>	<input type="checkbox"/> 6000L-ELD0DMX-1 <sup>2</sup>	<input type="checkbox"/> 8000L-ELD0DMX-1 <sup>2</sup>													

<sup>1</sup> LUT2W and DIMTR are available in 120V only <sup>2</sup> LUTH, ELD010-1, ELD0DALI -1, and ELD0DMX-1 are available in 120V and 277V <sup>3</sup> 50K series are available with 85+ CRI only <sup>4</sup> 98+ CRI is available in 27K, 30K and 40K only

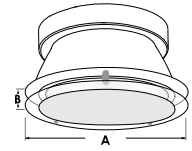
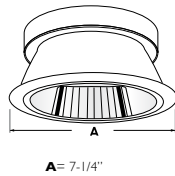


FOR  
**WET**  
LOCATION



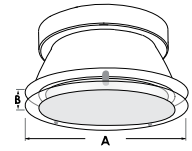
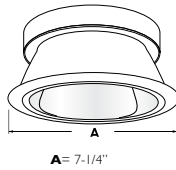
**EXAMPLE:** HH6-6501-CL-WH  
**HH6-6501** - REFLECTOR WITH DIFFUSE LENS  
**REFLECTOR/RING FINISH:**  
CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH  
PATENT NO. D685,118 S

**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



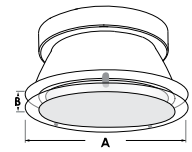
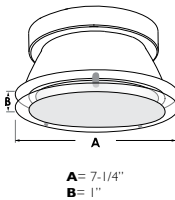
**EXAMPLE:** HH6-6507-CL-WH  
**HH6-6507** - WALL WASH REFLECTOR WITH DIFFUSE LENS  
**REFLECTOR/RING FINISH:**  
CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH

**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



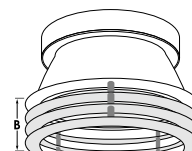
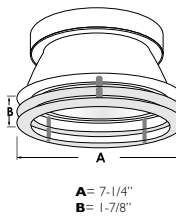
**EXAMPLE:** HH6-6577-CL-WH  
**HH6-6577** - DOUBLE WALL WASH REFLECTOR WITH DIFFUSE LENS  
**REFLECTOR/RING FINISH:**  
CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH

**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



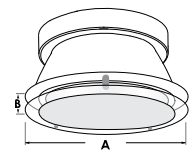
**EXAMPLE:** HH6-6509-CL-WH  
**HH6-6509** - DECO GLASS REFLECTOR WITH DIFFUSE LENS  
**REFLECTOR/RING FINISH:**  
CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH  
**GLASS FINISH:**  
BLUE, RED, GREEN, FROST

**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



**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

**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



**EXAMPLE:** HH6-6541  
**HH6-6541** - REFLECTOR WITH FROSTED CYLINDRICAL GLASS  
**REFLECTOR FINISH:**  
CL-WH SHZ-SHZ

**EXAMPLE:** HH6-6528  
**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

**ALUMINIUM  
DISC**

LED  
6"

6 INCH ARCHITECTURAL HIGH LUMEN LED OPTICS

## EASYFIT

by EnOcean

### Controls Options to be Installed on the Fixture

Self-powered sensors and switches, combined with LED fixture controllers and a commissioning tool, permit easy configuration, intelligent local control, and seamless integration into building automation systems.



**LEDRU**  
LED Relay Zone  
Controller 0-10V



**LEDDU**  
LED Zone  
Controller 0-10V

### Controls Provided by EnOcean



**EOSCU**  
Occupancy Sensor  
Ceiling Mount



**EOSWU**  
Occupancy Sensor  
Wall Mount



**ELLSU**  
Daylight Sensor  
Ceiling Mount



**ESRPU/EDRP**  
Wall Switches



**LEVITON**  
Wall Switches  
902 MHz category



**NWC 300U**  
Navigan Wireless  
Commissioner

## PHILIPS

EasySense

### Controls Installed on the Fixture



**SRB**

Fixture will be Shipped Sensor Ready with SRB Bridge. Fixture will be Compatible with EasySense Sensor SNS200-CMP which can be Added in the Field for Remote Mounting. Fixture May Only be Controlled with Philips Field App or Wireless Switches or any 0-10V. Wall Box Dimmer.



**SRB + SNS200-CMP**

Fixture Will be Shipped Sensor Ready with PHILIPS SRB Bridge and EasySense SNS200-CMP Sensor which is Included to be Remote Mounted. Fixture May Only be Controlled with Philips Field App or Wireless Switches or any 0-10V. Wall Box Dimmer.

Philips EasySense sensors provide luminaire-level control with Occupancy sensing, Daylight harvesting, and Field task tuning.

### Controls Provided by Philips



**ZBT-S1AWH**



**ZBT-S2AWH**

Illumra Wireless Switches



Philips Field App

## enlighted

Enlighted Smart Sensors features digital motion, ambient light, and temperature sensing, the device provides autonomous fixture-level control

### Controls Installed on the Fixture



**CU-E3-1R**

Fixture Will be Shipped Sensor Ready with Enlighted CU-E3-1R Control Unit Power Pack. Fixture will be compatible with Enlighted SU-4E-00 Sensor which can be Added in the Field Remote Mounting. Fixture May be Controlled with Enlighted Gateway, Energy Manager or Enlighted Room Controller WS-2-00



**CU-E3-1R + SU-4E-00**

Fixture Will be Shipped with Enlighted CU-E3-1R Control Unit Power Pack installed and SU-4E-00 Sensor provided (to be installed remotely). Fixture May be Controlled with Enlighted Gateway, Energy Manager or Enlighted Room Controller WS-2-00

### Controls Provided by Enlighted



Programmable with Laptop



PoE Network Switch



Energy Manager

**WS-2-00**  
Enlighted Room  
Controller



Switch



Gateway



### Controls Installed on the Fixture



**FCJS-010**  
Individual  
Fixture Control

Fixture Will be Shipped LUTRON VIVE Enabled with LUTRON FCJS-010 0-10V Control Module Installed on the Fixture. Fixtures will be compatible with Lutron FC-SENSOR Occupancy/Daylight Sensor or FC-VSENSOR Vacancy/Daylight Sensor which can be Added in the Field for Remote Mounting. Fixture May be Controlled with any Vive control systems. Fixtures must be ordered with a 0-10V. Driver.



**FCJS-ECO**  
Individual  
Fixture Control

Fixture Will be Shipped LUTRON VIVE Enabled with LUTRON FCJS-ECO EcoSystem Control Module Control Module Installed on the Fixture. Fixtures will be compatible with Lutron FC-SENSOR Occupancy/Daylight Sensor or FC-VSENSOR Vacancy/Daylight Sensor which can be Added in the Field for Remote Mounting. Fixture May be Controlled with any Vive control systems. Fixtures must be ordered with a Lutron Driver.

### Controls Provided by Lutron



Lutron  
App



Vive Wireless Hub



DayLight  
Sensor



Ceiling Mount  
Occupancy Sensor



Ceiling Mount  
Occupancy/Daylight  
Sensor



Wall Mount  
Occupancy Sensor



Wall Mount  
Switch



Pico  
Remote



Fixture will be shipped with Leviton ZL027-N0W power control module installed on the fixture. Fixtures will be compatible with Leviton ZL00J-D0W sensor control module which can be added in the field for remote mounting. Fixture must be controlled with Leviton Intellect Keypad Room Controller, or Leviton Neuron App.



**ZL027-N0W**  
Power control module



**ZL00J-D0W**  
Sensor control module

### Leviton Keypad



**ZLDNK-1W**



**ZLDNK-2W**



**ZLDNK-4W**



**ZLDNK-8W**

Intellect™ Keypad Room  
Controller (Required)

### Leviton App



Neuron App



### Controls Installed on the Fixture



### LMFC-011

Fixture Will be Shipped Legrand Wattstopper DLM Enabled with LMFC-011 Module Controller Installed on the Fixture. Fixtures will be compatible with Legrand Wattstopper DLM Load Controllers, DLM Sensors, DLM Switches, DLM Remote Control, and DLM Configuration tool.

#### Switches



LMSW-105 LMDM-101

#### Remote



LMRH-105

#### Configuration tool



LMCT-100-2

#### Plug Load Controllers



LMPL-101 LMPL-201

#### Sensors



LMDC-100 LMLS-400 LMLS-500







