



# LB6LED

6" LED DOWNLIGHT

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

## FEATURES

- 12 watt input power
- ENERGY STAR® qualified (WH)
- New construction with DBXQL housing; can be used to meet California Title 24 requirements for commercial buildings
- Retrofit applications with compatible 6" housings from Prescolite or others using universal screw-base adapters
- Photometric testing per IESNA LM-79 2008 standards
- Lumen output and distribution comparable up to a 75W PAR incandescent lamp or 26W CFL lamp
- Dimmable to 10% with specified line voltage sensors and dimmers
- Up to 60,000 hours at 70% lumen maintenance per TM-21 Integral aluminum heat sink to maximize life expectancy and lumen output
- UL/cUL classified or cCSAus listed in Prescolite and many competitive housings



## SPECIFICATIONS

### USE

- LiteBox LED modules are designed for use in new construction as well as retrofit applications with existing Prescolite or competitive 6" housings using the screw base adapter included. Lumen output and distribution comparable to a 75W PAR while consuming only 12W.
- Can be used to comply with California Title 24 IECC watts per square foot requirements
- Suitable for use with continuous room side ambient temperature up to 25°C. Flicker-free dimming to 15% with most standard dimmers

### LIGHT ENGINE

- High efficacy LED light engine, 3000K and 3500K, 80+ CRI, integrated with durable aluminum heat sink for excellent thermal management
- System designed for optimal life and lumen maintenance (60,000 hours at 70% lumen maintenance per TM-21)
- Integral aluminum heat sink to maximize life expectancy and lumen output

### LENS/REFLECTOR

- All LiteBox LED modules are provided standard with a diffuse optical grade acrylic lens for uniform illumination and superior glare control
- Reflector powder coat finish creates aesthetic ceiling appearance and visually comfortable 55° cutoff

### LED DRIVER

- Integral high efficiency LED driver 120V, >0.9 power factor, dimmable to 15% with standard incandescent or electronic low voltage dimmers
- Output over-voltage over-current, and short circuit protection
- Life expectancy of 60,000 hours minimum at recommended ambient temperatures

### INSTALLATION:

- Easy installation with (3) friction spring clips and diffuse polycarbonate lens controls direct glare
- For new construction: Use with Prescolite DBX QuickLink LED housings
- QuickLink connector mates directly to housing connector without a screw base adapter for California Title 24 compliance
- For Retrofit: Use Prescolite or other compatible 6" recessed housings using supplied screw base adapter
- Easy installing with (3) stainless steel spring clips (pre-installed).

### CERTIFICATIONS

- UL/cUL classified for use in Prescolite or other 6" recessed housings including Halo, Juno, and Lithonia
- UL/cUL classified for use in Prescolite or other 6" recessed housings including Halo, Juno, and Lithonia
- Suitable for wet locations
- ENERGY STAR® qualified
- Meets California Title 24 with DBXQL

### WARRANTY

- 5 year warranty
- See [HLI Standard Warranty](#) for additional information

KEY DATA	
Lumen Range	1100
Wattage	12
Reported Life (Hours)	60,000



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## ORDERING GUIDE

Example: LB6LEDA10L30KWH

CATALOG #

### HOUSING

LB6LEDA10L			
TRIM	LED Color	CRI	Trim Color
LB6LEDA10L 6" 1100 lumen LiteBox LED module with dimming to 10% 120V	30K 3000K	Blank 80+	WH White
	35K 3500K <sup>1</sup>		BL Black
			Z Zet
			BA Brushed Aluminum
			BZ Bronze

#### Notes:

- 1 Available with LB6LEDA10L only
- 2 Order one wall controller and ceiling sensor for each zone. Determine the total wattage load for each zone. Order one power module for each zone that is over 150 watts but under 1920 watts

#### Accessories

- ☐ LG125S Dual-lite 125VA surface mount LiteGear® emergency lighting inverter
- ☐ LG125R Dual-Lite 125VA recessed mount LiteGear® emergency lighting inverter
- ☐ LG125T Dual-lite® 125VA recessed ceiling T-grid mount LiteGear® emergency lighting inverter
- ☐ LG250 Dual-lite® 250VA Surface mount LiteGear® emergency lighting inverter
- ☐ DBXQL IC/Non-IC airtight housing with supply wire quick connects

#### Control Accessories

- ☐ MRF2-6CL-WH Lutron wallbox dimmer switch. One required for each sensor. 150W Max LED load as a stand alone, or controls a PHPM-PA-120 module for larger loads <sup>2</sup>
- ☐ LRF2-DCRB-WH Lutron Wireless daylight harvesting sensor. One required for each designated zone <sup>2</sup>
- ☐ PHPM-PA-12-WH Lutron Power module capable of handling 1920W load for dimming only, controlled by MRF2-6CL-WH wallbox dimmer <sup>2</sup>

### PERFORMANCE SUMMARY

Luminaire	System Watts	Lumens	Lumens Per Watt
LB6LEDA10L	13	1100	85

### DIMENSIONS

