

Catalog Number
Notes
Type

FEATURES & SPECIFICATIONS

INTENDED USE — Our recessed LED module is the most economical means to create a well lit environment with exceptional energy efficiency and near zero maintenance. Great for retrofit into existing downlight cans or new construction and remodel applications. Unique torsion spring and friction clip retention allows fitment into nearly 100% of installed cans. The LED module maintains at least 70% light output for 50,000 hours.

CONSTRUCTION — Aluminum die cast reflector with deep baffle configuration for reduced glare. Combined LED and driver printed circuit board attached. Inner reflector cone funnels light through the pressed-in diffused lens.

OPTICS — Diffused lens at end of mixing chamber to provide even light distribution for general illumination, equivalent to 65W BR30 lamp.

Wide flood beam angle at >45°. Utilizes 3000 K color temperature LEDs. CRI - 86

ELECTRICAL SYSTEM — Center 2 Edge™ (patent pending) technology created for a single point source. Primary power disconnect provided for simple connection to a dedicated LED connector in the housing.

Dimming down to 15%. For compatible dimmers, refer to [Compatible Dimmers Chart](#).

Standard input wattage is 8.9 watts, 70 lumens per watt; equivalent to 65-watt incandescent.

*Actual wattage may differ by +/-5% when operating at 120V +/-10%.

INSTALLATION — Suitable for installation in standard and shallow-height rough-in sections.

E26 socket adaptor and splice kit ships standard. This enables easy installation or permanent conversion to an LED source for Title 24 compliance.

Twin torsion springs ensure easy installation.

Friction clips included to allow fitment into cans without torsion brackets from an inside diameter of 6.0" to 7.0".

LISTINGS — CSA certified to US and Canadian safety standards. ENERGY STAR® qualified; California T24 compliant. Wet location listed for indoor use only. WSEC ASTM E283 for Air-Tight (with IC housings).

WARRANTY — Five-year limited warranty. Full warranty terms located at:

www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Note: Specifications subject to change without notice.

PATENTS PENDING.

LED Recessed Downlighting

6BP

6" LED Module

IC/Non-IC
Retrofit



Torsion mount shown



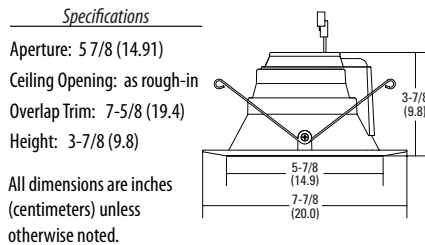
Friction clip shown (included)



E26 adaptor



Splice kit



ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: 6BPMW LED

6BPMW		LED								
Series/Finish		Lamps/Lumens ¹		Color temperature		Voltage		Options		
6BP	6" Baffle LED Module	MW	Matte white	LED	8.9W, 620 lumens	(blank)	3000 K	(blank)	120V	L7XLED T24 New Construction Rough-In LED Base L7XLED T24 SDT 277V Non-IC 277V stepdown transformer (277V to 120V) Rough-In LED Base L7XRLED T24 Remodel Rough-In LED Base LC6LED T24 New Construction Rough-In LED Base L7X² New construction rough-in L7XR² Remodel rough-in L7XP ² New construction shallow rough-in L7XPR ² Remodel shallow rough-in LC6² New construction rough-in LCP ² New construction shallow rough-in

Accessories: Order as separate catalog number.	
FL2LED	Makes L7XF housings compatible with the LED module

Notes

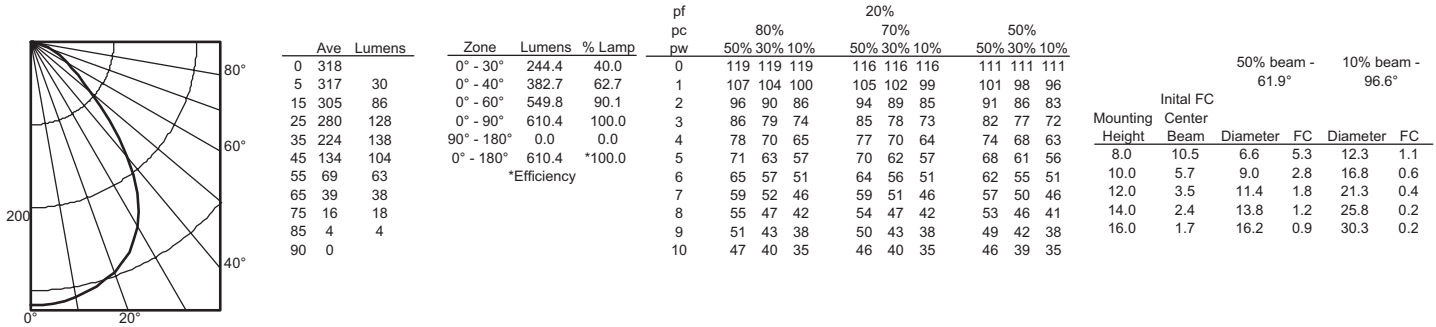
- Total system delivered lumens.
- Must be ordered on separate line.

6" LED Module

PHOTOMETRICS

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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6BPMW LED, 3000 K LEDs, input watts: 8.9, delivered lumens: 620, LM/W=70, test no. LTL21369, tested in accordance with IESNA LM 79-08



ADDITIONAL DATA

ENERGY DATA*	
Lumens	620
Min. starting temp	-18°C (0°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A standards
Input voltage	120V
Min. power factor	0.80
Input frequency	50/60 Hz
Rated wattage	8.9W
Input power	8.9W
Input current	.08A

*Values at non-dimming line voltage.

COMPATIBLE DIMMER SWITCHES		
Manufacturer	Model/Series	Part Numbers
Synergy	ISD	ISD I 120 600++
Pass & Seymour	Harmony	D703PTCCCV6
	TradeMaster	T600WV
	Wide Slide Series	WS700TCCCV6
Lutron	Diva	DV-600PR
	Toggler	TGLV-600PR
	Toggler	TGLV-600PR
Leviton	Decora	6674-P
	Decora	6633P
	Illumatech	IPI06++
	Illumatech	IPL06++
	TRIMATRON	6681++
	TRIMATRON	6684++

++ Must have at least 60W on dimmer circuit or 4 P Series LED downlighting modules.

Lithonia Lighting

A Program of the U.S. DOE

Light Output (Lumens)

620

Watts

8.9

Lumens per Watt (Efficacy)

70

Color Accuracy

86

Color Rendering Index (CRI)

Light Color

3000 (Bright White)

Correlated Color Temperature (CCT)

2700K
3000K
4500K
6500K

Warranty**

Yes

All results, except LED Lumen Maintenance, are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

** See www.lightingfacts.com/products for details.

Registration Number: NJSM-4C4BRR (8/16/2012)
Model Number: 6BP [upgrade 8/2012]
Type: Recessed downlight

LITHONIA LIGHTING®
An AcuityBrands Company

6BP_LED

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