LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

FEATURES & SPECIFICATIONS

INTENDED USE

Ideal for use in both residential and commercial applications.

CONSTRUCTION

Trim: Aluminum reflector with polyester powder coat paint. All finishes, excluding PF option have integral flange.

Lamp: BR30 (included). Die-cast aluminum heat sink.

OPTICS

Frosted lens provides even light distribution for general illumination, equivalent to 75W BR30 incandescent lamp. Wide 110-degree beam angle. Utilizes 2700 K color temperature, with CRI of 80.

ELECTRICAL

BR30 Lamp: 12.5W (850-lumen) high-efficiency integral driver 110-120 VAC. Lamp contains an electronic driver that includes miniature magnetic inductors in the circuit. Actual wattage may differ by +/-10% when operating between 110-120V +/-10%. Dimmable down to 10%.

INSTALLATION

Suitable for installation in standard rough-in sections. For use with housings: L7X, L7XR, and LC6.

LISTINGS

cUL Listed to US and Canadian safety requirements.

Damp location listed.

Tested in accordance with IESNA LM-79 standards.

WARRANTY

5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Actual performance may differ as a result of end-user environment and application.

Note: Specifications subject to change without notice.

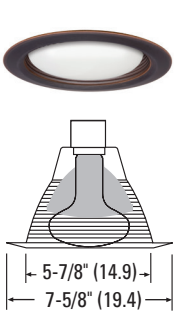
LED Recessed Downlighting

LK7

6" LED Recessed Finishing Kit

BR30 LED Lamp

DAMP LOCATION™ · 5 YEAR LIMITED WARRANTY · DIMMABLE LED



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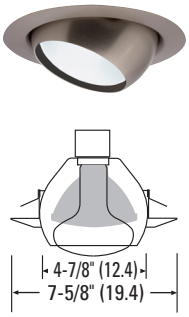

7E1

Specifications

Height:	LK7B2: 6 (15.2) LK702: 6-1/8 (15.6) LK7E1: 4 (10.2)
Lamp opening:	LK7B2: 5-7/8 (14.9) LK702: 5-7/8 (14.9) LK7E1: 4-7/8 (12.4)
Diameter:	LK7B2: 7-5/8 (19.4) LK702: 7-5/8 (19.4) LK7E1: 7-5/8 (19.4)

All dimensions are inches (centimeters) unless otherwise indicated.

ORDERING INFORMATION

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

Example: LK7B2MW BR30 LED

Series		Finish		Lamp/lumens [3]		Color temperature		Voltage	
LK7B2	6" narrow flange baffle	**MW**	Matte White	**BR30 LED**	12.5W, 850 lumens	**(blank)**	2700 K	**(blank)**	120V
LK702	6" narrow flange reflector	TRMW	Black Baffle, White Trim Ring [1]						
LK7E1	6" wide flange standard eyeball	ORB	Oil Rubbed Bronze						
		BN	Brushed Nickel						
		A PFMW	Clear diffuse, matte white plastic flange [2]						

Compatible Housing: *Order as separate catalog number.*

L7X	New construction
L7XR	Remodel
LC6	New construction/remodel

Notes

1 Only available with LK7B2.

2 Only available with LK702.

3 Total system delivered lumens.

LED LAMP AND DIMMER COMPATIBILITY

Mfg	Cat No.	Dimming Method	Wattage	Comments
Acuity Brands-Sensor Switch	nLight NSP5 PCD 2W	Forward Phase		
Acuity Brands-Synergy	ISDELV400120WH	ISDELV400120WH	400W	
Acuity Brands-Synergy	SYPMB 6D Line voltage Module	Forward Phase		
Crestron	CLX-1DIM4	Reverse Phase		Adjust low end trim
Crestron	CLX-1DIM8	Reverse Phase		Adjust low end trim
Crestron	CLX-2DIM2	Reverse Phase		Adjust low end trim
Crestron	CLX-2DIM8	Reverse Phase		Adjust low end trim
Crestron	CLX-1DELV4	Reverse Phase		Adjust low end trim
Crestron	DIN-1DIM4	Reverse Phase		Adjust low end trim
Crestron	DIN-1DIMU4	Reverse Phase		Adjust low end trim
Crestron	CLW-DIMEX-E	Reverse Phase		Dimmer requires a direct connection to neutral to ensure operation. Enforce Crestron Min level not only to avoid flicker, but to prevent initial flashing/disortion when ramping up the fixture output.
Crestron	CLW-DIMEX-P	Reverse Phase		
Crestron	CLW-DIMSWEX-E	Reverse Phase		
Crestron	CLW-DIMSWEX-P	Reverse Phase		
Crestron	P-DIMEX	Reverse Phase		
Crestron	GLX-DIM6	Reverse Phase		Adjust low end trim
Crestron	GLXX-2DIM8	Reverse Phase		Adjust low end trim
ETC ELV 1.2KW	Paradigm Control Processor	Reverse Phase	1.2Kw	Adjust low end trim
Leviton Universal-Decora	6674P	Forward Phase	600W	Adjust low end trim
Leviton Universal-Decora	IPL06	Forward Phase	600W	Adjust low end trim
Leviton-Rotary Dial	6304	Forward Phase	300W	Lamp Base dimmer
Leviton	6633-P	Forward Phase	600W	
Leviton	6681	Forward Phase	600W	
Leviton	IPI06	Forward Phase	600W	
Leviton	6613-P	Forward Phase	600W	
Leviton	6631-LW	Forward Phase	600W	
Leviton	6161-I	Forward Phase	500W	
Leviton	RPI06-1	Forward Phase	600W	
Leviton	IPE04-1LZ	Reverse Phase	400W	
Lutron	TG-603P	Forward Phase	600W	
Lutron	TG-600P	Forward Phase	600W	
Lutron	AY-103P	Forward Phase	1000W	
Lutron	C-L wall mount Dimmers	Forward Phase	600W	Adjust low end trim
Lutron Maestro CL	MACL-153M	Forward Phase	600W	Adjust low end trim
Lutron Diva CL	DVCL-153PD	Forward Phase	600W	Adjust low end trim
Lutron Skylark CL	CTCL-153P	Forward Phase	600W	Adjust low end trim
Lutron	S-600P	Forward Phase	600W	
Lutron	DV-600P	Forward Phase	600W	
Lutron RadioRA2	RRD-6NA	Phase Adaptive	600W	Adjust low and high end trim. Set load to FP
Lutron HomeWorks QS	HQRD-6NA	Neutral Adaptive	600W	Adjust low and high end trim. Set load to FP
Lutron Graphic Eye QS	PHPM-PA	Reverse Phase	1920W	Adjust low and high end trim. 10W min load
Lutron Graphic Eye QS	PHPM-WBX 3 wire fluorescent	Reverse Phase	1920W	Adjust low and high end trim.
Lutron Graphic Eye QS	Main unit family	Forward Phase		
Neptun	Apollo 80005	Forward Phase	600W	

Note: Most Forward-phase dimmers have a minimum load requirement of 40-60 watts. A single 12.5W LED lamp on a 600W dimmer may flicker if the minimum load requirement is not met; consider a synthetic minimum load, LUTRON-LBX or other equivalent. This requires a 2-gang wall box and additional wiring to the dimmer.

Depending on the quantity of LED lamps on the dimming circuit, an approximate 10% to 100% dimming range may be obtainable. Most available dimmers were designed around older technology and resistive or incandescent lamp loads; therefore, performance can vary with LED load and is not guaranteed. Please see the manufacturer's instructions on dimmers for use with LED lamps and do not exceed the 150W LED load for 600W rated dimmer.

Acculamp LED–20 Amp Circuit Load

Use the table below as a guide, for the approximate quantity of Acculamp LED lamps on a typical standard 20 amp circuit (derated to 80% - 16 amps). Use a licensed electrician to determine proper wire gauges and circuit breakers according to the National Electrical Code and local codes. Do not overload circuit with more lamps than the approximate quantity shown below for a typical standard 20 amp circuit breaker for approximately 7X multiple of inrush current. Circuit breakers with higher inrush trip curve characteristics such as High Magnetic types are available. Consult with a licensed electrician for proper determination.

Lamp Model	Wattage	Operating Amps	Approx. Quantity
ALEBR30 850L DIM	12.5W	0.098	163

LITHONIA LIGHTING®
An AcuityBrands Company

DOWNLIGHTING: One Lithonia Way, Conyers, GA 30012 Phone: 800-315-4935 Fax: 770-860-3129 www.lithonia.com