

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. Adjustable torsion spring and retention allows fitment into many 5" and 6" cans. The LED module maintains at least 70% light output for 35,000 hours.

CONSTRUCTION — Aluminum spun 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°.

ELECTRICAL — 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 10%. For compatible dimmers, refer to [Compatible Dimmers Chart](#).

650L-lumen E series has an input wattage of 11.9 watts, 54 lumens per watt, equivalent to 65-watt incandescent.

E Series' patent pending driver has zero inrush, which allows power loads to be calculated with actual rated wattages.

Example: 54 units of 65BEMW LED fixtures can be installed in line with a 600-watt dimmer. 600W/11.9W = 54 fixtures.

*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 ships standard.

Twin torsion springs ensure easy installation for 5" and 6" recessed housings.

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

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.

PATENTS PENDING.

Catalog Number
Notes
Type

LED Recessed Downlighting

65BE

5" / 6" LED Module

IC/Non-IC
Retrofit



E26 adaptor
(included)

Specifications

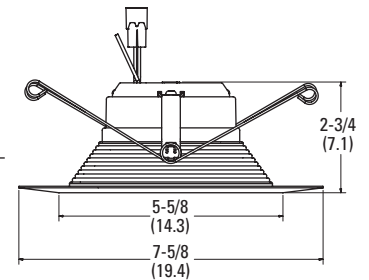
Aperture: 5-5/8 (14.3)

Ceiling opening: Determined by rough-in

Overlap trim: 7-5/8 (19.4)

Height: 2-3/4 (7.1)

All dimensions are inches (centimeters) unless otherwise indicated.



ORDERING INFORMATION

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

Example: 65BEMW LED 27K L7XLED T24

	LED			
Series/Finish	Lamp	CCT / CRI / W / Lumens ¹	Voltage	Options
65BEMW 5" / 6" Baffle LED module, matte white	LED	27K 2700 K / 82CRI / 11.9W / 590L	(blank) 120V	L7XLED T24 6" new construction rough-in LED base
		30K 3000 K / 82CRI / 11.9W / 650L		L7XRLED T24 6" remodel rough-in LED base
		40K 4000K / 82CRI / 11.9W / 675L		LC6LED T24 6" new construction rough-in LED base
				L7X 6" new construction rough-in ²
				L7XR 6" remodel rough-in ²
				L7XP 6" new construction shallow rough-in ²
				L7XPR 6" remodel shallow rough-in ²
				LC6 6" new construction rough-in ²
				LCP 6" new construction shallow rough-in ²
				L5LED T24 5" new construction rough-in LED base
				L5RLED T24 5" remodel rough-in LED base
				L5 5" new construction rough-in ²
	L5R 5" new construction rough-in ²			

Notes

¹ Total system delivered lumens.

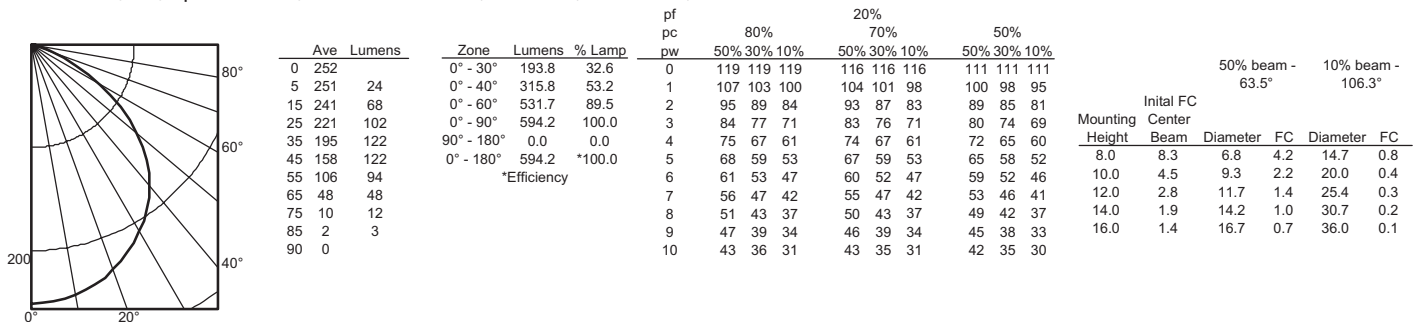
² Must be ordered on a separate line.

5"/6" LED Module

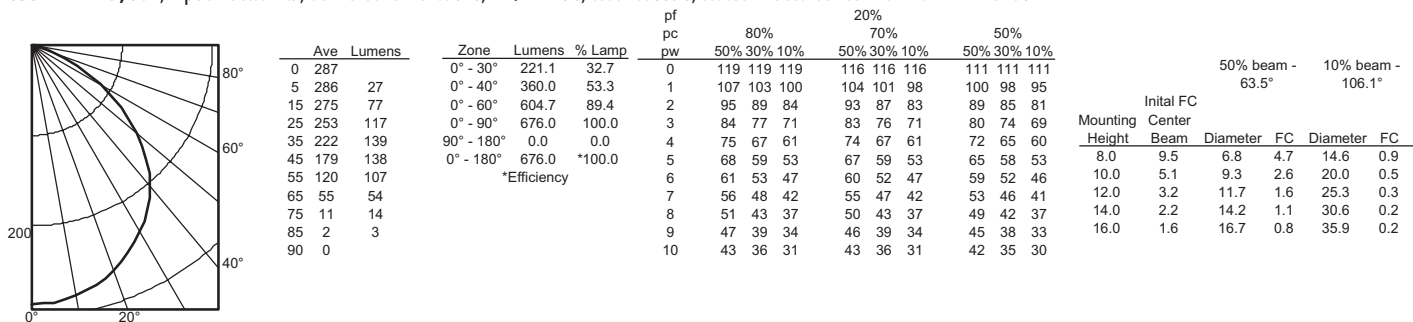
PHOTOMETRICS

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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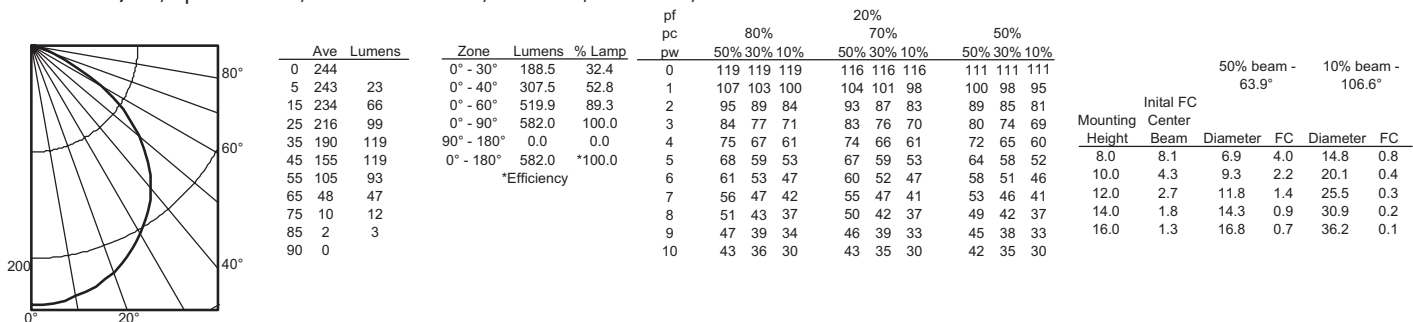
65BEMW LED, 27K, input watts: 11.7, delivered lumens: 594,LM/W = 50, test no. 3598, tested in accordance with IESNA LM 79-08



65BEMW LED, 30K, input watts: 11.9, delivered lumens: 676, LM/W = 56, test no. 3596, tested in accordance with IESNA LM 79-08



65BEMW LED, 40K, input watts: 10.1, delivered lumens: 582, LM/W = 58, test no. 3597, tested in accordance with IESNA LM 79-08



ADDITIONAL DATA 65BEMW LED 27K

ENERGY DATA* - 590 Lumens	
CRI - 82	
Lumens	590L
Min. starting temp	-18°C (0°F)
Max. temp	46°C (115°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B
Sound rating	A standards
Input voltage	120V
Min. power factor	0.99
Input frequency	50/60 Hz
Rated wattage	11.9W
Input power	11.9W
Input current	.11A

*Values at non-dimming line voltage.

ADDITIONAL DATA 65BEMW LED 30K

ENERGY DATA* - 650 Lumens	
CRI - 82	
Lumens	650L
Min. starting temp	-18°C (0°F)
Max. temp	46°C (115°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B
Sound rating	A standards
Input voltage	120V
Min. power factor	0.99
Input frequency	50/60 Hz
Rated wattage	11.9W
Input power	11.9W
Input current	.11A

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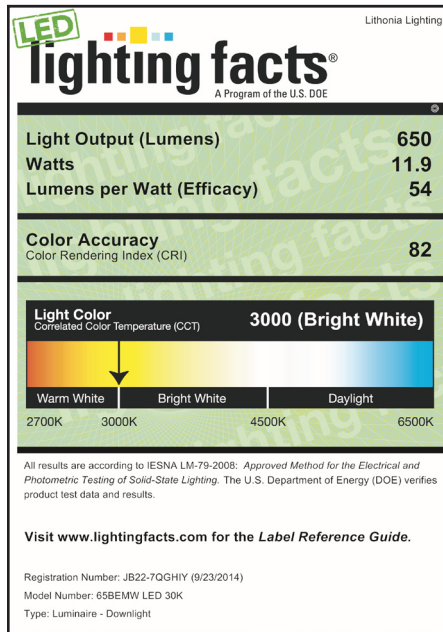
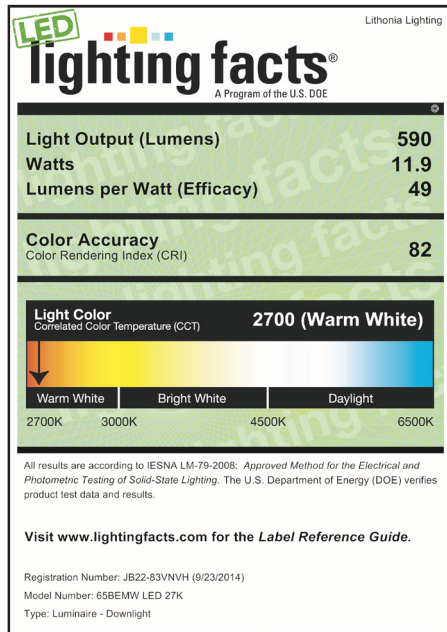
ADDITIONAL DATA 65BEMW LED 40K

ENERGY DATA* - 675 Lumens	
CRI - 82	
Lumens	675L
Min. starting temp	-18°C (0°F)
Max. temp	46°C (115°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B
Sound rating	A standards
Input voltage	120V
Min. power factor	0.99
Input frequency	50/60 Hz
Rated wattage	11.9W
Input power	11.9W
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5"/6" LED Module

LIGHTING FACTS



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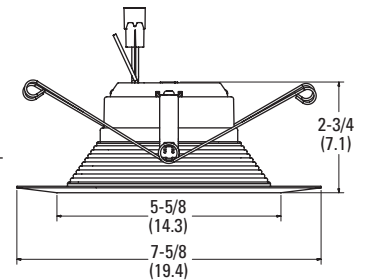
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		40K 4000K / 82CRI / 11.9W / 675L		LC6LED T24 6" new construction rough-in LED base
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				L7XP 6" new construction shallow rough-in ²
				L7XPR 6" remodel shallow rough-in ²
				LC6 6" new construction rough-in ²
				LCP 6" new construction shallow rough-in ²
				L5LED T24 5" new construction rough-in LED base
				L5RLED T24 5" remodel rough-in LED base
				L5 5" new construction rough-in ²
	L5R 5" new construction rough-in ²			

Notes

¹ Total system delivered lumens.

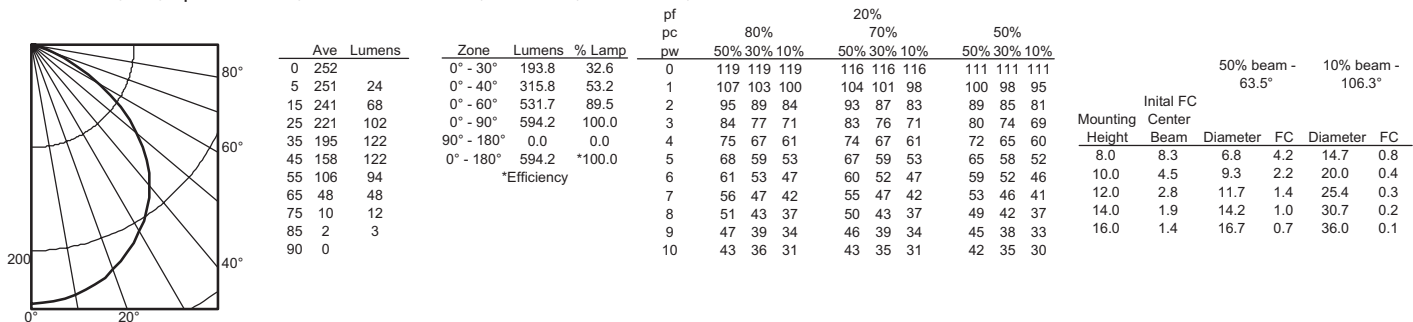
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5"/6" LED Module

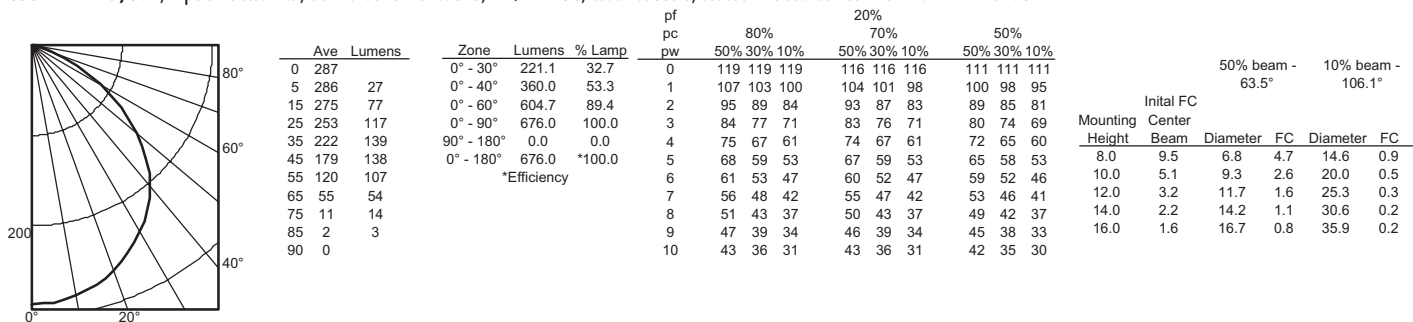
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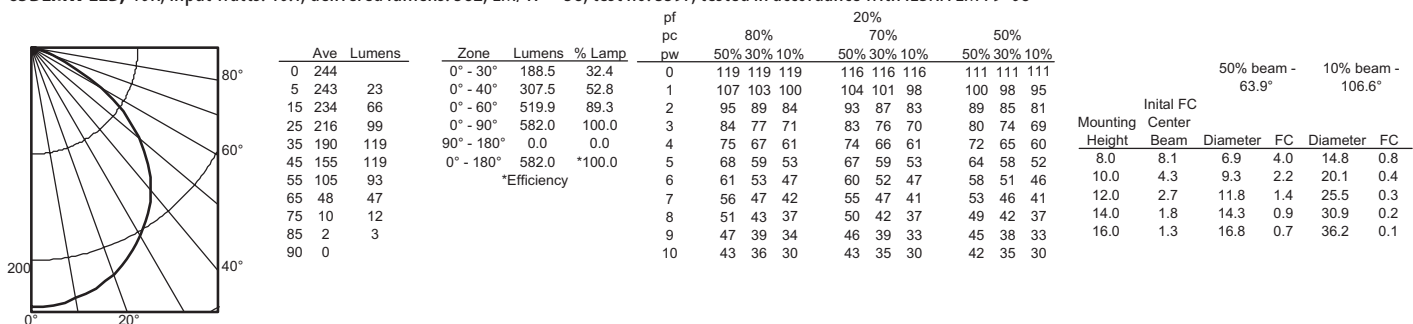
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*Values at non-dimming line voltage.

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ENERGY DATA* - 650 Lumens	
CRI - 82	
Lumens	650L
Min. starting temp	-18°C (0°F)
Max. temp	46°C (115°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B
Sound rating	A standards
Input voltage	120V
Min. power factor	0.99
Input frequency	50/60 Hz
Rated wattage	11.9W
Input power	11.9W
Input current	.11A

*Values at non-dimming line voltage.

ADDITIONAL DATA 65BEMW LED 40K

ENERGY DATA* - 675 Lumens	
CRI - 82	
Lumens	675L
Min. starting temp	-18°C (0°F)
Max. temp	46°C (115°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B
Sound rating	A standards
Input voltage	120V
Min. power factor	0.99
Input frequency	50/60 Hz
Rated wattage	11.9W
Input power	11.9W
Input current	.11A

*Values at non-dimming line voltage.

5"/6" LED Module

LIGHTING FACTS

