

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. Indoor and Outdoor Use.

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](#).

711L-lumen E series has an input wattage of 11.9 watts, 60 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.

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

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C. Specifications subject to change without notice.

PATENTS PENDING.

Catalog Number
Notes
Type

LED Recessed Downlighting

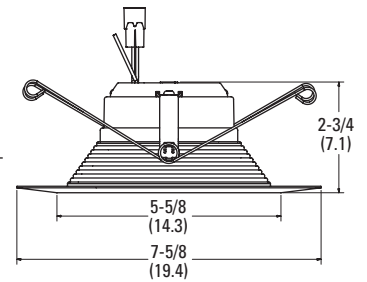
65BE

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

Series/Finish	Lamp	CCT / CRI / W / Lumens ¹	Voltage	Housing options
65BEMW 5" / 6" Baffle LED module, matte white	LED	27K 2700 K / 82CRI / 11.9W / 640L 30K 3000 K / 82CRI / 11.9W / 687L 40K 4000K / 82CRI / 11.9W / 711L 27K 90CRI 2700 K / 93 CRI / 10.3W / 650L 30K 90CRI 3000 K / 93 CRI / 10.1W / 690L 40K 90CRI 4000 K / 93 CRI / 10.4W / 770L	(blank) 120V	L7XLED T24 6" new construction rough-in LED base L7XRLED T24 6" remodel rough-in LED base 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

Accessories: order as separate catalog number	
TSA6	6" torsion spring adaptor

Notes

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

5"/6" LED Module

ADDITIONAL DATA 65BEMW LED 27K

ENERGY DATA*		
	CRI - 82	CRI - 93
Lumens	640L	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	10.3W
Input power	11.9W	10.3W
Input current	.11A	

*Values at non-dimming line voltage.

ADDITIONAL DATA 65BEMW LED 30K

ENERGY DATA*		
	CRI - 82	CRI - 93
Lumens	687L	690L
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	10.1W
Input power	11.9W	10.1W
Input current	.11A	

*Values at non-dimming line voltage.

ADDITIONAL DATA 65BEMW LED 40K

ENERGY DATA*	
	CRI - 82
Lumens	711L
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.

LIGHTING FACTS

LED lighting facts
A Program of the U.S. DOE

Light Output (Lumens) 640
Watts 11.9
Lumens per Watt (Efficacy) 53.78

Color Accuracy
Color Rendering Index (CRI) 82

Light Color
Correlated Color Temperature (CCT) 2700 (Warm White)

Warm White | Bright White | Daylight
2700K | 3000K | 4500K | 6500K

All results 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.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: JB22-QZXC74 (11/11/2014)
Model Number: 65BEMW LED 27K [Upgrade: 10/23/2014]
Type: Luminaire - Downlight

LED lighting facts
A Program of the U.S. DOE

Light Output (Lumens) 687
Watts 11.9
Lumens per Watt (Efficacy) 57.73

Color Accuracy
Color Rendering Index (CRI) 83

Light Color
Correlated Color Temperature (CCT) 3000 (Bright White)

Warm White | Bright White | Daylight
2700K | 3000K | 4500K | 6500K

All results 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.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: JB22-U6K0K2 (11/11/2014)
Model Number: 65BEMW LED 30K [Upgrade: 10/23/2014]
Type: Luminaire - Downlight

LED lighting facts
A Program of the U.S. DOE

Light Output (Lumens) 711
Watts 11.9
Lumens per Watt (Efficacy) 59.75

Color Accuracy
Color Rendering Index (CRI) 84

Light Color
Correlated Color Temperature (CCT) 4000 (Bright White)

Warm White | Bright White | Daylight
2700K | 3000K | 4500K | 6500K

All results 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.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: JB22-6JQJ5E (11/11/2014)
Model Number: 65BEMW LED 40K [Upgrade: 10/23/2014]
Type: Luminaire - Downlight

LED lighting facts
A Program of the U.S. DOE

Light Output (Lumens) 650
Watts 10.7
Lumens per Watt (Efficacy) 60.75

Color Accuracy
Color Rendering Index (CRI) 90

Light Color
Correlated Color Temperature (CCT) 2700 (Warm White)

Warm White | Bright White | Daylight
2700K | 3000K | 4500K | 6500K

All results 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.

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Registration Number: JB22-V85QAG (10/8/2015)
Model Number: 65BEMW LED 27K 90CRI [Upgrade: 10/8/2015]
Type: Retrofit Kit - Downlight

LED lighting facts
A Program of the U.S. DOE

Light Output (Lumens) 690
Watts 10.25
Lumens per Watt (Efficacy) 67.32

Color Accuracy
Color Rendering Index (CRI) 90

Light Color
Correlated Color Temperature (CCT) 3000 (Bright White)

Warm White | Bright White | Daylight
2700K | 3000K | 4500K | 6500K

All results 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.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: JB22-4S8TRP (9/24/2015)
Model Number: 65BEMW LED 30K 90CRI
Type: Retrofit Kit - Downlight

LED lighting facts
A Program of the U.S. DOE

Light Output (Lumens) 770
Watts 10.4
Lumens per Watt (Efficacy) 74.04

Color Accuracy
Color Rendering Index (CRI) 93

Light Color
Correlated Color Temperature (CCT) 4000 (Bright White)

Warm White | Bright White | Daylight
2700K | 3000K | 4500K | 6500K

All results 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.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: JB22-QNF3DC (Revised 2/11/2016)
Model Number: 65BEMW LED 40K 90CRI
Type: Retrofit Kit - Downlight