

FEATURES & SPECIFICATIONS

INTENDED USE

Recessed housing rated IC or Non-IC. For new construction or remodel¹ applications. Approved for all ceiling types, except air handling plenums. Not for pulling wires. Romex only. Approved for direct burial in insulation.

CONSTRUCTION

Air-tight standard. Tested to meet current energy codes.
 Aluminum housing with engineering-grade thermoplastic frame.
 Galvanized bar hangers span up to 24" o.c. and feature stepped shank nail and positioning guide with integral T-bar locks. Two locking screws hold fixture in position.
 Engineering-grade thermoplastic junction box with four built-in romex clamps; five 7/8" knockouts with slots for pryout.

Maximum 8 (4in, 4out) No 12 AWG conductors. Rated for 90° C.
 Ground wire provided.

Pre-assembled poke-home connectors for ease of wiring.

Tilt-up captive J-box doors for easy access.

Trim retention (TOR): Two-side mounted torsion springs on the trim and 2 receiving brackets in the can ensure a consistently tight fit with the ceiling.

ELECTRICAL

Quick disconnect provided for connection to LED modules.
 Paint overspray masked by disposable disconnect plug.
 Housing and LED module combination is IC rated and thermally protected.
 120 volts only.

INSTALLATION

Air-tight housing suitable for air-tight installations. Refer to energy codes for proper installations.
 2 x 8 wood joist or T-bar installation.
 Expandable bar hangers allow for off-center mounting in wood joist or T-bar ceilings. Length of 25-1/4" maximum 13-3/4" minimum or cut to fit 9" on center joist construction.
 Vertical adjustment of housing allows for flush mounting with ceiling face.
 Suitable for ceilings up to 1-1/2" thick.

LISTINGS

UL listed to US and Canadian safety standards.
 Damp location listed.

WARRANTY — 1-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.

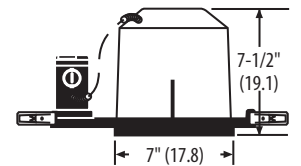
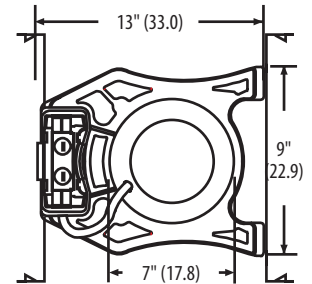
Catalog Number
Notes
Type

6" LED Housing

LC6LED T24



LED
 IC/Non-IC
 New Construction/Remodel



All dimensions are inches (centimeters).

Specifications

Height: 7-1/2 (19.1)
 Length: 13 (33.0)
 Width: 9 (22.9)
 Ceiling cutout: 7-1/8 (18.1)

ORDERING INFORMATION

All configurations of this product are considered "standard" and have short lead times.

Example: LC6LED T24

LC6LED T24	
Series	Options
LC6LED T24	GSKT Foam gasketing. Aids in air-tight installation.

Accessories: Order as separate catalog number.			
LSMC	T-Bar mounting clips, set of four	HS6875	6-7/8" Hole saw
ARC R24	Remodeler clips ¹	CTR6	6" goof ring, white (8-3/4" O.D.)
ATK6 R6	6" Air-tight trim kit		

Notes

¹ When using in remodel applications the ARC R24 clips must be ordered separately. Sold in packages of 24 only.
 See trim summary on reverse side for maximum wattages.

LC6LED T24: New Construction Housing

REALITY™ ENERGY STAR® (ESL) Open Narrow flange (Wet location)

5
YEAR
warranty



ORDERING INFORMATION

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

Example: REAL6 D6MW ESL 1000L 35K .60SC LC6LED T24

Series/Finish		ESL		Lumen output ¹		Color temperature		Distribution		Voltage		Options	
Series	Finish	ESL	ENERGY STAR® listed	600L	8W, 600 lumens	27K	2700K	.60SC	.60 spacing criteria	(blank)	120V	PFMW	Matte white plastic flange ring
REAL6 D6	6" ENERGY STAR retrofit module	MW		1000L	11W, 1000 lumens	30K	3000K	.90SC	.90 spacing criteria			PFBL	Black plastic flange ring
	A					35K	3500K					ISH	Insect shield
	AZ					40K	4000K						
	BN												
	BLZ												
	BZA												
	ORB												
	WT												

Notes

1 Total system delivered lumens.

P Series Open and Baffle Wide Flange LED Modules (Wet Location)

5
YEAR
warranty



ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: 6BP TRMW LED 27K 90CRI L7XRLEDT24

Series/Finish		Lamp	CCT / CRI / W / Lumens ¹		Voltage	
6BPMW	6" Baffle LED module, matte white	LED	(blank)	3000 K / 83 CRI / 12.7W / 725L	(blank)	120V
6BP TRMW	6" Baffle LED module, black baffle, matte white flange		27K 90CRI	2700 K / 93 CRI / 11.2W / 600L		
6BPBN	6" Baffle LED module, brushed nickel		30K 90CRI	3000 K / 93 CRI / 11.2W / 600L		
6BPORB	6" Baffle LED module, oil-rubbed bronze		40K 90 CRI	4000K / 92CRI / 9.9W / 650L		
6OPA	6" Open LED module, clear diffuse	HL LED	(blank)	3000 K / 83 CRI / 15.2W / 950L		
6OPAZ	6" Open LED module, clear specular		27K 90CRI	2700 K / 93 CRI / 16.5W / 860L		
6OPA TRMW	6" Open LED module, clear diffuse, matte white flange		30K 90CRI	3000 K / 93 CRI / 16.5W / 860L		
6OPAZ TRMW	6" Open LED module, clear specular, matte white flange		40K 90 CRI	4000K / 92CRI / 16.4W / 950L		

Notes

1 Total system delivered lumens.

LC6LED T24: New Construction Housing

LED Gimbal Module (Damp location)



ORDERING INFORMATION

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

Example: 6G1MW LED LC6LED T24

6G1		LED					
Series/Finish		Lamps	CCT / CRI / W / Lumens ²		Voltage		Options
<u>Series</u>	<u>Finish</u>	LED	(blank)	3000k / 83CRI / 10.8W / 620L	(blank)	120V	LC6LED T24 New construction rough-in (LED connector)
6G1	6" Gimbal Module	MW	27K 90CRI	2700K / 91CRI / 11W / 680L			
		MB	30K 90CRI	3000K / 91CRI / 10.3W / 790L			
		BN	40K 90CRI	4000K / 94CRI / 10.5W / 820L			
		ORB					

Notes

- 1 Available in 30K 83CRI only.
- 2 Total system delivered lumens.

E Series Baffle Wide Flange LED Modules (Wet Location)



ORDERING INFORMATION

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

Example: 65BEMW LED 27K LC6LED T24

65BEMW		LED				
Series/Finish		Lamp	CCT / CRI / W / Lumens ¹		Voltage	
65BEMW	5" / 6" Baffle LED module, matte white	LED	27K	2700 K / 82CRI / 11.9W / 640L	(blank)	120V
			30K	3000 K / 82CRI / 11.9W / 687L		
			40K	4000K / 82CRI / 11.9W / 711L		
			27K 90CRI	2700K / 93CRI / 10.3W / 650L		
			30K 90CRI	3000K / 93CRI / 10.1W / 690L		

Notes

- 1 Total system delivered lumens.