

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 (clips): Retaining clips riveted to top of reflector hold trim inside housing.

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 — Durable medium base porcelain socket with nickel-plated copper alloy screw shell and contact.

Socket clips to top of housing to prevent paint overspray in socket screw shell.

Socket attaches to reflector to ensure proper and consistent lamp position.

Thermal protection provided against improper lamp usage.

120 volt 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 13-1/4" 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.

See trim selection for wet location listing.

WARRANTY — 1-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

www.acuitybrands.com/support/warranty/terms-and-conditions

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



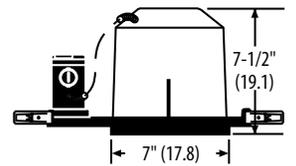
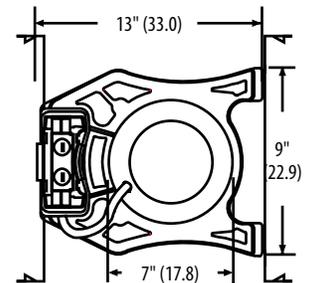
6" Housing

LC6

INCANDESCENT

IC/Non-IC

New Construction/Remodel



Specifications

Height: 7-1/2 (19.1)

Length: 13 (33.0)

Width: 9 (22.9)

Ceiling cutout: 7-1/8 (18.1)

All dimensions are inches (centimeters) unless otherwise indicated.

ORDERING INFORMATION

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

Example: LC6 R6

Series	Options	Packaging
LC6	GSKT Foam gasketing. Aids in air-tight installation.	R6 Resale pack of six U Unit (non-stock)

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.

LC6 6" New Construction Housing

Description Catalog number	Maximum wattage ¹	Description Catalog number	Maximum wattage ¹	Description Catalog number	Maximum wattage ¹	Description Catalog number	Maximum wattage ¹
General/Task							
Open Wide Flange 601	White 65 BR30 75 PAR30	Shallow Open, Narrow Flange 6B1 6B1W	Black White 40 A19 65 BR30 75 PAR30	Baffled Eyeball Narrow Flange 6E2	Black/white 65 BR30 75 PAR30	Pinhole Narrow Flange 6S1	White 60 A19 75 BR30 50 R20/PAR20
IC/Non-IC		IC/Non-IC		IC/Non-IC		Non-IC	
Open Wide Flange 601 TOR 601ORB TOR 601BZA TOR	White Oil-rubbed bronze Antique bronze 65 BR30 75 PAR30	Baffle Wide Flange 6B1 TOR 6B1W TOR 6B1BN TOR	Black White Brushed nickel 40 A19 65 BR30 75 PAR30	Regressed Eyeball Narrow Flange 6RE1 6RE1W	Black/white White/white 65 BR30 75 PAR30	Lens/Wet Location ³	
IC/Non-IC		IC/Non-IC		IC/Non-IC		WETlite™	
Open Narrow Flange 602 602A 602AZ	White Clear diffuse Clear specular 65BR40	Baffle Narrow Flange 6B3 6B3W	Black White 100 A19 120 BR40 150 PAR38	Baffle Regressed Eyeball Narrow Flange 6RE2 6RE2W	Black/black White/white 65 BR30 75 PAR30	6H20 TOR White 6H20BN TOR Brushed nickel 6H20ORB TOR Oil-rubbed bronze 75 PAR38 75 PAR30	
IC		Non-IC		IC/Non-IC		IC/Non-IC	
Non-IC		Baffle Narrow Flange 6B4 6B4W	Black White 75 A19 120 BR40 150 PAR38	Baffle Adjustable Narrow Flange 6AB1 6AB1W	Black White 65 BR30 75 PAR30	Shower/Closet Lens Narrow Flange 6LD1 Drop opal plastic* 6LD2 Drop prismatic plastic* 6LF1 Flush opal plastic* 6LF2 Flush prismatic plastic*	
Open Narrow Flange 602 TOR 602BN TOR 602ORB TOR 602BZA TOR	White Brushed nickel Oil-rubbed bronze Antique bronze 65BR40	Non-IC		Non-IC		Non-IC	
IC		Baffle Narrow Flange 6B4 6B4W	Black White 75 A19 120 BR40 150 PAR38	Non-IC		Glass Lens Narrow Flange 6LD3 Drop opal white splay 6LDB3 Drop opal black baffle 6LF3 Flush white white splay 6LFB3 Flush white black baffle 6L4 Fresnel white splay 6LB4 Fresnel black baffle 6L4MW Matte white 75 A19	
Non-IC		Non-IC		Non-IC		Non-IC	
Open Cone Narrow Flange 6C3BLZ 6C3AZ	Black specular Clear specular 100A19 120 BR40 150 PAR38	Accent/Adjustable		Non-IC		* For plastic flange add suffix PF	
IC		Eyeball Narrow Flange 6E1	White 65 BR30 75 PAR30	Non-IC		Non-IC	
Non-IC		IC/Non-IC		Wallwash Narrow Flange 6W1	White 100 A19	Non-IC	
Open Cone Narrow Flange 6C3BLZ 6C3AZ	Black specular Clear specular 100A19 120 BR40 150 PAR38	IC/Non-IC		Non-IC		Non-IC	
Non-IC		Baffled Wallwash Narrow Flange 6W2W	White 100 A19	Non-IC		Non-IC	
Non-IC		Non-IC					

Notes

- See LED modules on page 3 and page 4.
- 7 and C series trims also compatible options.

LC6 6" New Construction Housing

REALITY™ ENERGY STAR® (ESL) Open Narrow Flange LED Module (Wet location)



Example: REAL6 D6MW ESL 1000L 35K .60SC
LC6¹

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

Series/Finish		ESL		Lumen output ²		Color temperature		Distribution		Voltage		Options			
Series REAL6 D6	6" ENERGY STAR® retrofit module	Finish MW	Matte white	ESL	ENERGY STAR® qualified	600L	8W, 600 lumens	27K	2700 K	.60SC	.60 spacing criteria	(blank)	120V	PFMW	Matte white plastic flange ring
		A	Clear diffuse			1000L	11W, 1000 lumens	30K	3000 K	.90SC	.90 spacing criteria			PFBL	Black plastic flange ring
		AZ	Clear specular					35K	3500 K					ISH	Insect shield
		BN	Brushed nickel					40K	4000 K						
		BLZ	Black specular												
		BZA	Antique bronze												
		ORB	Oil-rubbed bronze												
		WT	Wheat diffuse												

Notes

- 1 LC6 housing ordered on a separate line.
- 2 Total system delivered lumens.

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



Example: 6BP TRMW LED 27K 90CRI
LC6¹

ORDERING INFORMATION

Series/Finish		Lamp	CCT / CRI / W / Lumens ²			Voltage	
6BPMW	6" Baffle LED module, matte white	LED	(blank)	3000 K / 83 CRI / 8.9W / 620L	(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 90CRI	4000K / 92CRI / 9.9W / 650L			
60PA	6" Open LED module, clear diffuse						
60PAZ	6" Open LED module, clear specular	HL LED	(blank)	3000 K / 83 CRI / 15.2W / 950L			
60PA TRMW	6" Open LED module, clear diffuse, matte white flange		27K 90CRI	2700 K / 93 CRI / 16.5W / 860L			
60PAZ TRMW	6" Open LED module, clear specular, matte white flange		30K 90CRI	3000 K / 93 CRI / 16.5W / 860L			
			40K 90CRI	4000K / 92CRI / 16.4W / 950L			

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LC6

LC6 6" New Construction Housing

LED Gimbal Module (Damp location)



Example: 6G1MW LED
LC6¹

ORDERING INFORMATION

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

6G1		LED			
Series/Finish		Lamps	CCT / CRI / W / Lumens ³		Voltage
<u>Series</u>	<u>Finish</u>	LED	(blank)	3000k / 83CRI / 10.8W / 620L	(blank) 120V
6G1	6" Gimbal Module		27K 90CRI	2700K / 91CRI / 11W / 680L	
	MW Matte white		30K 90CRI	3000K / 91CRI / 10.3W / 790L	
	MB Matte black ²		40K 90CRI	4000K / 94CRI / 10.5W / 820L	
	BN Brush nickel ²				
	ORB Oil-rubbed bronze ²				

Notes

- 1 LC6 housing ordered on a separate line.
- 2 Available in 30K 83CRI only.
- 3 Total system delivered lumens.

E Series Baffle Wide Flange LED Modules (Wet Location)



Example: 65BEMW LED 27K
LC6¹

ORDERING INFORMATION

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

6BEMW		LED			
Series/Finish		Lamp	CCT / CRI / W / Lumens ²		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 LC6 housing ordered on a separate line.
- 2 Total system delivered lumens.