LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

FEATURES & SPECIFICATIONS

INTENDED USE — Recessed housing rated IC or Non-IC. For new construction or remodel[1] 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 1-½" thick.

LISTINGS — UL Listed to US and Canadian safety standards.

Damp location listed.

See trim selection for wet location listing.

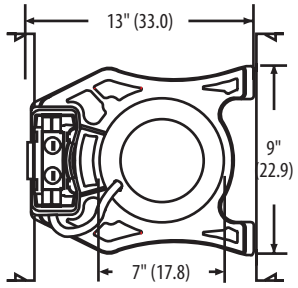
WARRANTY — 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

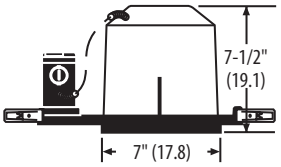
Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

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

LC6		
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

General/Task

Open Wide Flange

Description	Catalog number	Maximum wattage [1]
Open Wide Flange	**601** White	
		65 BR30 75 PAR30
IC/Non-IC		

Open Wide Flange

Description	Catalog number	Maximum wattage [1]
Open Wide Flange	**601 TOR** White	
	6010RB TOR Oil-rubbed bronze	
	601BZA TOR Antique bronze	
		65 BR30 75 PAR30
IC/Non-IC		

Open Narrow Flange

Description	Catalog number	Maximum wattage [1]
Open Narrow Flange	**602** White	
	602A Clear diffuse	
	602AZ Clear specular	
IC		65BR40
Non-IC		100 A19 120 BR40 150 PAR38

Open Narrow Flange

Description	Catalog number	Maximum wattage [1]
Open Narrow Flange	**602 TOR** White	
	602BN TOR Brushed nickel	
	6020RB TOR Oil-rubbed bronze	
	602BZA TOR Antique bronze	
IC		65BR40
Non-IC		100 A19 120 BR40 150 PAR38

Open Cone Narrow Flange

Description	Catalog number	Maximum wattage [1]
Open Cone Narrow Flange	**6C3BLZ** Black specular	
	6C3AZ Clear specular	
		100A19 120 BR40 150 PAR38
Non-IC		

Shallow Open, Narrow Flange [2]

Description	Catalog number	Maximum wattage [1]
Shallow Open, Narrow Flange [2]	**603AZ** Clear specular	
		100A19 120 BR40 150 PAR38
Non-IC		

Shallow Open, Narrow Flange [2]

Description	Catalog number	Maximum wattage [1]
Shallow Open, Narrow Flange [2]	**6B1** Black	
	6B1W White	
		40 A19 65 BR30 75 PAR30
IC/Non-IC		

Baffle Wide Flange

Description	Catalog number	Maximum wattage [1]
Baffle Wide Flange	**6B1 TOR** Black	
	6B1W TOR White	
	6B1BN TOR Brushed nickel	
		40 A19 65 BR30 75 PAR30
IC/Non-IC		

Baffle Narrow Flange

Description	Catalog number	Maximum wattage [1]
Baffle Narrow Flange	**6B3** Black	
	6B3W White	
		100 A19 120 BR40 150 PAR38
Non-IC		

Baffle Narrow Flange

Description	Catalog number	Maximum wattage [1]
Baffle Narrow Flange	**6B4** Black	
	6B4W White	
		75 A19 120 BR40 150 PAR38
Non-IC		

Accent/Adjustable

Eyeball Narrow Flange

Description	Catalog number	Maximum wattage [1]
Eyeball Narrow Flange	**6E1** White	
		65 BR30 75 PAR30
IC/Non-IC		

Baffled Eyeball Narrow Flange

Description	Catalog number	Maximum wattage [1]
Baffled Eyeball Narrow Flange	**6E2** Black/white	
		65 BR30 75 PAR30
IC/Non-IC		

Regressed Eyeball Narrow Flange

Description	Catalog number	Maximum wattage [1]
Regressed Eyeball Narrow Flange	**6RE1** Black/white	
	6RE1W White/white	
		65 BR30 75 PAR30
IC/Non-IC		

Baffle Regressed Eyeball Narrow Flange

Description	Catalog number	Maximum wattage [1]
Baffle Regressed Eyeball Narrow Flange	**6RE2** Black/black	
	6RE2W White/white	
		65 BR30 75 PAR30
IC/Non-IC		

Baffle Adjustable Narrow Flange

Description	Catalog number	Maximum wattage [1]
Baffle Adjustable Narrow Flange	**6AB1** Black	
	6AB1W White	
		65 BR30 75 PAR30
Non-IC		

Cone Adjustable Narrow Flange

Description	Catalog number	Maximum wattage [1]
Cone Adjustable Narrow Flange	**6AC1AZ** Clear specular	
	6AC1BLZ Black specular	
		65 BR30 75 PAR30
Non-IC		

Wallwash Narrow Flange

Description	Catalog number	Maximum wattage [1]
Wallwash Narrow Flange	**6W1** White	
		100 A19
Non-IC		

Baffled Wallwash Narrow Flange

Description	Catalog number	Maximum wattage [1]
Baffled Wallwash Narrow Flange	**6W2W** White	
		100 A19
Non-IC		

Pinhole Narrow Flange

Description	Catalog number	Maximum wattage [1]
Pinhole Narrow Flange	**6S1** White	
		60 A19 75 BR30 50 R20/PAR20
Non-IC		

Lens/Wet Location [3]

WETlite™

Description	Catalog number	Maximum wattage [1]
WETlite™	**6H20 TOR** White	
	6H20BN TOR Brushed nickel	
	6H200RB TOR Oil-rubbed bronze	
		75 PAR38 75 PAR30
IC/Non-IC		

Shower/Closet Lens Narrow Flange

Description	Catalog number	Maximum wattage [1]
Shower/Closet Lens Narrow Flange	**6LD1** Drop opal plastic*	
	6LD2 Drop prismatic plastic*	
	6LF1 Flush opal plastic*	
	6LF2 Flush prismatic plastic*	
		60 A19
Non-IC		

Glass Lens Narrow Flange

Description	Catalog number	Maximum wattage [1]
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		

** For plastic flange add suffix PF*

Notes

1 Maximum wattage listed. Lower wattage lamps may be used.

2 Shallow trims may be used for lower lamp position.

3 Lens trims and WETlite™ are wet location listed. All others are damp location.

Notes

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

LITHONIA LIGHTING®
An AcuityBrands Company

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

Example: REAL6 D6MW ESL 1000L 35K .60SC LC6[1]

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

Series/Finish				Type		Lumen output[2]		Color temperature		Distribution		Voltage		Options	
Series		Finish		ESL											
REAL6 D6	6" ENERGY STAR® retrofit module	**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 LC6[1]

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		
6OPA	6" Open LED module, clear diffuse					
6OPAZ	6" Open LED module, clear specular	HL LED	(blank)	3000 K / 83 CRI / 15.2W / 950L		
6OPA TRMW	6" Open LED module, clear diffuse, matte white flange		27K 90CRI	2700 K / 93 CRI / 16.5W / 860L		
6OPAZ 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		

Notes

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2 Total system delivered lumens.

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LED Gimbal Module (Damp location)

Example: 6G1MW LED LC6[1]

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

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

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

E Series Baffle Wide Flange LED Modules (Wet Location)

Example: 65BEMW LED 27K LC6[1]

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 **30K** 3000 K / 82CRI / 11.9W / 687L **40K** 4000K / 82CRI / 11.9W / 711L	(blank) 120V

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

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