LITHONIA LIGHTING®

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
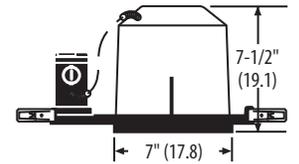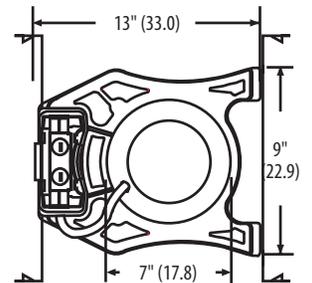
13" (33.0)
9" (22.9)
7" (17.8)

Specifications

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

7-1/2" (19.1)
7" (17.8)

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

Description / Catalog number	Maximum wattage [1]

General/Task

Open Wide Flange
601   White

65 BR30
75 PAR30

IC/Non-IC

**Open Wide Flange**
601 TOR   White
601ORB TOR   Oil-rubbed bronze
601BZA TOR   Antique bronze

65 BR30
75 PAR30

IC/Non-IC

Open Narrow Flange
602   White
602A   Clear diffuse
602AZ   Clear specular

IC   65BR40

Non-IC   100 A19
120 BR40
150 PAR38

Open Narrow Flange
602 TOR   White
602BN TOR   Brushed nickel
602ORB TOR   Oil-rubbed bronze
602BZA TOR   Antique bronze

IC   65BR40

Non-IC   100 A19
120 BR40
150 PAR38

Open Cone Narrow Flange
6C3BLZ   Black specular
6C3AZ   Clear specular

100A19
120 BR40
150 PAR38

Non-IC

Shallow Open, Narrow Flange [2]
603AZ   Clear specular

100A19
120 BR40
150 PAR38

Non-IC

(Column 2)

Shallow Open, Narrow Flange [2]
6B1   Black
6B1W   White

40 A19
65 BR30
75 PAR30

IC/Non-IC

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
6B3   Black
6B3W   White

100 A19
120 BR40
150 PAR38

Non-IC

Baffle Narrow Flange
6B4   Black
6B4W   White

75 A19
120 BR40
150 PAR38

Non-IC

Accent/Adjustable

Eyeball Narrow Flange
6E1   White

65 BR30
75 PAR30

IC/Non-IC

(Column 3)

Baffled Eyeball Narrow Flange
6E2   Black/white

65 BR30
75 PAR30

IC/Non-IC

Regressed Eyeball Narrow Flange
6RE1   Black/white
6RE1W   White/white

65 BR30
75 PAR30

IC/Non-IC

Baffle Regressed Eyeball Narrow Flange
6RE2   Black/black
6RE2W   White/white

65 BR30
75 PAR30

IC/Non-IC

Baffle Adjustable Narrow Flange
6AB1   Black
6AB1W   White

65 BR30
75 PAR30

Non-IC

Cone Adjustable Narrow Flange
6AC1AZ   Clear specular
6AC1BLZ   Black specular

65 BR30
75 PAR30

Non-IC

Wallwash Narrow Flange
6W1   White

100 A19

Non-IC

Baffled Wallwash Narrow Flange
6W2W   White

100 A19

Non-IC

(Column 4)

Pinhole Narrow Flange
6S1   White

60 A19
75 BR30
50 R20/PAR20

Non-IC

Lens/Wet Location [3]

WETlite™
6H2O TOR   White
6H2OBN TOR   Brushed nickel
6H2OORB TOR   Oil-rubbed bronze

75 PAR38
75 PAR30

IC/Non-IC

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
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.

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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**. | | | | | | |

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

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
1 LC6 housing ordered on a separate line.
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[3]**	**Voltage**
Series **6G1** 6" Gimbal Module	**LED**	(blank) 3000k / 83CRI / 10.8W / 620L	**(blank)** 120V
Finish **MW** Matte white **MB** Matte black[2] **BN** Brush nickel[2] **ORB** Oil-rubbed bronze[2]		27K 90CRI 2700K / 91CRI / 11W / 680L	
		30K 90CRI 3000K / 91CRI / 10.3W / 790L	
		40K 90CRI 4000K / 94CRI / 10.5W / 820L	

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
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	(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.

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