

## FEATURES & SPECIFICATIONS

**INTENDED USE** — Recessed housing rated IC or Non-IC. For new construction or remodel<sup>1</sup> 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. Complete warranty terms located at [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

NOTE: Specifications subject to change without notice.

Catalog Number
Notes
Type



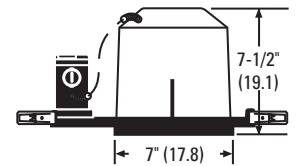
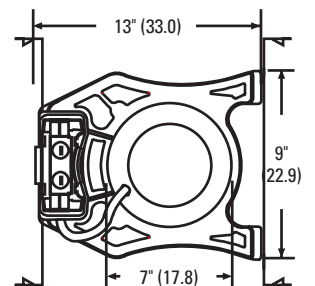
6" Housing

# 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).

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

**Example:** LC6 R6

<b>LC6</b>	
<b>Series</b>	<b>Packaging</b>
<b>LC6</b>	<b>R6</b> Resale pack of six <b>U</b> Unit (non-stock)





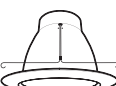


















<b>Accessories:</b> Order as separate catalog number.	
LSMC	T-Bar mounting clips, set of four
ARC R24	Remodeler clips <sup>1</sup>
ATK6 R6	6" Air-tight trim kit

**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	Description Catalog number	Maximum wattage	Description Catalog number	Maximum wattage	Description Catalog number	Maximum wattage
<b>General/Task</b>							
Open Wide Flange <b>601</b>	White 65 BR30 75 PAR30	Shallow Open, Narrow Flange <b>6B1</b> <b>6B1W</b>	Black White 40 A19 65 BR30 75 PAR30	Baffled Eyeball Narrow Flange <b>6E2</b>	Black/white 65 BR30 75 PAR30	Pinhole Narrow Flange <b>6S1</b>	White 60 A19 75 BR30 50 R20/PAR20
IC/Non-IC		IC/Non-IC		IC/Non-IC		Non-IC	
Open Wide Flange <b>601 TOR</b> <b>601BN TOR</b> <b>601ORB TOR</b> <b>601BZA TOR</b>	White Brushed nickel Oil-rubbed bronze Antique bronze 65 BR30 75 PAR30	Baffle Wide Flange <b>6B1 TOR</b> <b>6B1W TOR</b> <b>6B1BN TOR</b>	Black White Brushed nickel 40 A19 65 BR30 75 PAR30	Regressed Eyeball Narrow Flange <b>6RE1</b> <b>6RE1W</b>	Black/white White/white 65 BR30 75 PAR30	<b>Lens/Wet Location</b>	
IC/Non-IC		IC/Non-IC		IC/Non-IC		<b>WETlite™</b>	
Open Narrow Flange <b>602</b> <b>602A</b> <b>602AZ</b>	White Clear diffuse Clear specular 65BR40	Baffle Narrow Flange <b>6B2</b> <b>6B2W</b>	Black White 65 BR30/BR40 75 PAR30/38 40 A19	Baffle Regressed Eyeball Narrow Flange <b>6RE2</b> <b>6RE2W</b>	Black/black White/white 65 BR30 75 PAR30	<b>6H20 TOR</b> White <b>6H20BN TOR</b> Brushed nickel <b>6H20ORB TOR</b> Oil-rubbed bronze <b>6H20BZA TOR</b> Antique bronze 75 PAR38 75 PAR30	
IC		IC/Non-IC		IC/Non-IC		IC/Non-IC	
Non-IC		Baffle Narrow Flange <b>6B3</b> <b>6B3W</b>	Black White 100 A19 120 BR40 150 PAR38	Baffle Adjustable Narrow Flange <b>6AB1</b> <b>6AB1W</b>	Black White 65 BR30 75 PAR30	<b>6LD1</b> Drop opal plastic* <b>6LD2</b> Drop prismatic plastic* <b>6LF1</b> Flush opal plastic* <b>6LF2</b> Flush prismatic plastic*	
IC		Non-IC		Non-IC		IC/Non-IC	
Non-IC		Baffle Narrow Flange <b>6B4</b> <b>6B4W</b>	Black White 75 A19 120 BR40 150 PAR38	Cone Adjustable Narrow Flange <b>6AC1AZ</b> <b>6AC1BLZ</b>	Clear specular Black specular 65 BR30 75 PAR30	<b>6LD3</b> Drop opal white splay <b>6LDB3</b> Drop opal black baffle <b>6LF3</b> Flush white white splay <b>6LFB3</b> Flush white black baffle <b>6LA</b> Fresnel white splay <b>6LB4</b> Fresnel black baffle 75 A19	
IC		Non-IC		Non-IC		Non-IC	
Open Cone Narrow Flange <b>6C3BLZ</b> <b>6C3AZ</b>	Black specular Clear specular 100A19 120 BR40 150 PAR38	<b>Accent/Adjustable</b>		Wallwash Narrow Flange <b>6W1</b>	White 100 A19	Non-IC	
Non-IC		<b>Eyeball Narrow Flange</b> <b>6E1</b> White		Non-IC		* For plastic flange add suffix PF	
Shallow Open, Narrow Flange <b>603AZ</b>	Clear specular 100A19 120 BR40 150 PAR38			Baffled Wallwash Narrow Flange <b>6W2W</b>	White 100 A19	NOTES:	
Non-IC		IC/Non-IC		Non-IC		1 Maximum wattage listed. Lower wattage lamps may be used.	
2 Lens trims and WETlite™ are wet location listed. All others are damp location.							
3 Shallow trims may be used for lower lamp position. See Cand 7 Series trims.							
4 7 and C series trims also compatible options.							

See LED modules on page 3.

# LC6: 6" New Construction Housing

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



**Example:** REAL6 D6MW ESL 1000L 35K .60SC LC6<sup>1</sup>

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

Series/Finish		ESL	Lumen output <sup>1</sup>	Color temperature	Distribution	Voltage	Options
<u>Series</u> <b>REAL6 D6</b>	<u>Finish</u> <b>MW</b> 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® listed	<b>600L</b> 8W, 600 lumens <b>1000L</b> 11W, 1000 lumens	27K 2700K <b>30K</b> 3000K 35K 3500K 40K 4000K	<b>.60SC</b> .60 spacing criteria .90SC .90 spacing criteria	<b>(blank)</b> 120V	PFMW Matte white plastic flange ring PFBL Black plastic flange ring ISH Insect shield

## L Series Baffle Wide flange (Damp location)



**Example:** 6BLMW LED LC6<sup>1</sup>

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

Series/Finish		LED	Lamps/Lumens	Color Temperature	Voltage
<u>Series</u> <b>6BL</b>	<u>Finish</u> <b>MW</b> Matte white	LED	13W, 620 lumens	<b>(blank)</b> 3000 K	<b>(blank)</b> 120V

## P Series Baffle Wide flange (Wet location)



**Example:** 6BPMW LED LC6<sup>1</sup>

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

Series/Finish		LED	Lamps/Lumens <sup>1</sup>	Color temperature	Voltage
<u>Series</u> <b>6BP</b>	<u>Finish</u> <b>MW</b> Matte white	LED	8.9W, 620 lumens	<b>(blank)</b> 3000 K	<b>(blank)</b> 120V

# LC6: 6" New Construction Housing

## LED Gimbal (Damp location)



**Example:** 6G1MW LED  
LC6<sup>1</sup>

### ORDERING INFORMATION

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

6G1		LED			
Series/Finish		Lamps/Lumens <sup>1</sup>		Color temperature	Voltage
<u>Series</u>	<u>Finish</u>	<b>LED</b>	620 lumens, 10.8 watts	<b>(blank)</b> 3000 K	<b>(blank)</b> 120V
<b>6G1</b> 6" Gimbal Module	<b>MW</b> Matte white <b>MB</b> Matte black <b>BN</b> Brush nickel <b>ORB</b> Oil-rubbed bronze				

### Note

1 LC6 housing ordered on a separate line..