

FEATURES & SPECIFICATIONS

INTENDED USE — Recessed housing rated IC or Non-IC. For remodel construction only.

Approved for factory assembled wiring only.

Approved for direct burial in insulation.

CONSTRUCTION — Air-tight standard. Tested to meet current energy codes.

Aluminum housing with three remodel clips for installation in existing plaster, sheet rock or mechanical ceilings.

Heavy-gauge galvanized steel raceway arm.

Galvanized steel junction box with four built-in romex clamps, five 1/2" knockouts with slots for pryout. Not suitable for pulling wires.

Maximum 4 (2 in, 2 out) No. 12 AWG conductors. Rated for 90° C.

Ground wire provided.

Removable J-box door 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.

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 existing ceiling or T-bar ceiling panel installation.

Clip adjustment on housing (up to 1-1/4") allows for flush mounting with ceiling face.

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

LISTINGS — UL Listed to US and Canadian safety standards. Damp location listing (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

Actual performance may differ as a result of end-user environment and application.

Note: Specifications subject to change without notice.

Catalog Number
Notes
Type

6" Housing

L7XR

INCANDESCENT

IC/Non-IC

Remodel Construction



Specifications

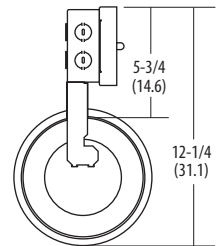
Height: 7-1/2 (19.1)

Length: 12-1/4 (31.1)

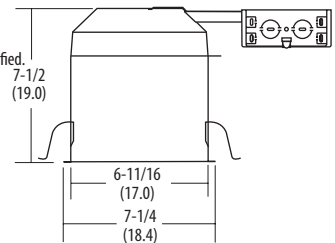
Width: 5-3/4 (14.6)

Ceiling opening: 6-7/8 (17.5)

Ceiling cutout template: 6.65



All dimensions are inches (centimeters) unless otherwise specified.



ORDERING INFORMATION

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

Example: L7XR R6

L7XR		
Series	Options	Packaging
L7XR	Shipped installed in fixture PHC Poke-home wire connectors	R6 Resale pack of six U Unit (non-stock)

Accessories: Order as separate catalog number.

ATK6 R6	6" Air-tight trim kit
HS6875	6-7/8" hole saw

Notes

See trim summary on reverse side for maximum wattages.

L7XR 6" Remodel 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 Narrow Flange 702 PF 702A 702A PFMW TOR	White with plastic flange Clear diffuse Clear diffuse, matte white, plastic flange Clear specular Black specular	Baffle Narrow Flange 7B2 TOR 7B2 TRMW TOR 7B2W TOR 7B2W PF TOR 7B2MW TOR 7B2BN TOR 7B2ORB TOR	Black Black, matte white flange White White plastic flange Matte white Brushed nickel Oil-rubbed bronze	Regressed Eyeball Wide Flange 7RE1	White	Shower/Closet Lens Narrow Flange 7LD1 7LD1 PF 7LD2 PF	Drop opal metal flange Drop opal plastic* Drop prismatic plastic*
702AZ 702BLZ							
IC/Non-IC	65 BR30 75 PAR30	IC/Non-IC	65 BR30 75 PAR30	IC/Non-IC	65 BR30 50 PAR30	IC	40 A19
Open Narrow Flange 702 TOR 702MW TOR 702BN TOR 702ORB TOR	White* Matte white Brushed nickel Oil-rubbed bronze	Baffle Wide Flange 7B3 TOR 7B3W TOR	Black White	Wallwash Narrow Flange 7W1	White	Shower/Closet Lens Narrow Flange 6LD1 6LD2 6LF1 6LF2	Drop opal plastic* Drop prismatic plastic* Flush opal plastic* Flush prismatic plastic*
IC/Non-IC	65 BR30 75 PAR30	IC/Non-IC	65 BR30 75 PAR30	Non-IC	60 A19	Non-IC	60 A19
Open Wide Flange 703 TOR	White	Baffle Narrow Flange 7B5 7B5W	Black White	Pinhole Narrow Flange 6S1	White	Glass Lens Narrow Flange 6LD3 6LDB3 6LF3 6LFB3 6L4 6LB4	Drop opal white splay Drop opal black baffle Flush white white splay Flush white black baffle Fresnel white splay Fresnel black baffle
IC/Non-IC	65 BR30 75 PAR30	Non-IC	120 BR40 150 PAR38	Non-IC	60 A19 65 BR30 50 R20/PAR20	Non-IC	75 A19
Open Narrow Flange 705 705 PF 705AZ	White White plastic flange Clear specular	Accent/Adjustable		Lens/Wet Location ²		* For plastic flange add suffix PF	
Non-IC	120 BR40 120 PAR38	Eyeball Wide Flange 7E1 TOR 7E1MW TOR 7E1BN TOR 7E1ORB TOR 7E1BZA TOR		WETLite™ 6H20 TOR 6H20ORB TOR 6H20BN TOR		Notes	
		White Matte white Brushed nickel Oil-rubbed bronze Antique bronze		White Oil-rubbed bronze Brushed nickel		1 Maximum wattage listed. Lower wattage lamps may be used.	
		IC/Non-IC		IC/Non IC		2 Lens trims and WETLites™ are wet location listed. All others are damp location.	
		65 BR30 75 PAR30		75 PAR38		Additional Notes	
						• Shallow trims may be used for lower lamp position. See C Series Trims.	
						• 6 C series trims also compatible options.	
						• See LED modules on page 2 and page 3.	

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



Example: REAL6 D6MW ESL 1000L 35K .60SC L7XR¹

ORDERING INFORMATION

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

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

Notes

- L7XR housing ordered on a separate line.
- Total system delivered lumens.

Additional Notes

- Actual performance may differ as a result of end-user environment and application.
- Actual wattage may differ by +/-5% when operating at 120V +/-10%.

L7XR 6" Remodel Housing

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



Example: 6BP TRMW LED 27K 90CRI
L7XR¹

ORDERING INFORMATION

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

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	HL LED	(blank) 3000 K / 83 CRI / 15.2W / 950L	
60PAZ 6" Open LED module, clear specular		27K 90CRI 2700 K / 93 CRI / 16.5W / 860L	
60PA TRMW 6" Open LED module, clear diffuse, matte white flange		30K 90CRI 3000 K / 93 CRI / 16.5W / 860L	
60PAZ TRMW 6" Open LED module, clear specular, matte white flange		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
L7XR¹

ORDERING INFORMATION

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

6G1	LED		
Series/Finish	Lamps/Lumens ²	Color temperature	Voltage
<u>Series</u> 6G1 6" Gimbal Module	LED 620 lumens, 10.8 watts	(blank) 3000 K	(blank) 120V
<u>Finish</u> MW Matte white MB Matte black BN Brush nickel ORB Oil-rubbed bronze			

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