

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

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

L7XR

INCANDESCENT

IC/Non-IC

Remodel Construction



Specifications

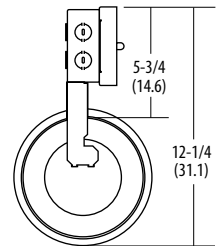
Height: 7-1/2 (19.1)

Length: 12-1/4 (31.1)

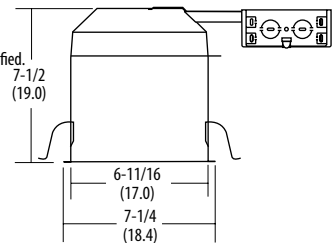
Width: 5-3/4 (14.6)

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

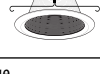
L7XR		
Series	Options	Packaging
L7XR	Shipped installed in fixture	
	PHC Poke-home wire connectors	R6 Resale pack of six
	GSKT Foam gasketing. Aids in air-tight installation.	U Unit (non-stock)

Accessories: Order as separate catalog number.	
ATK6 R6	6" Air-tight trim kit
HS6875	6-7/8" hole saw
CTR6	6" goof ring, white (8-3/4" O.D.)

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 702AZ 702BLZ	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	IC/Non-IC	 65 BR30 75 PAR30	Regressed Eyeball Wide Flange 7RE1 White IC/Non-IC	 65 BR30 50 PAR30
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	IC/Non-IC	 65 BR30 75 PAR30	Wallwash Narrow Flange 7W1 White Non-IC	 60 A19
IC/Non-IC		Pinhole Narrow Flange 6S1 White Non-IC	 60 A19 65 BR30 50 R20/PAR20			Shower/Closet Lens Narrow Flange 7LD1 7LD1 PF 7LD2 PF	Drop opal metal flange Drop opal plastic* Drop prismatic plastic*
Open Wide Flange 703 TOR	White	Baffle Narrow Flange 7B5 7B5W	Black White	IC/Non-IC	 65 BR30 75 PAR30	Shower/Closet Lens Narrow Flange 6LD1 6LD2 6LF1 6LF2	Drop opal plastic* Drop prismatic plastic* Flush opal plastic* Flush prismatic plastic*
IC/Non-IC		Non-IC	 120 BR40 150 PAR38			Non-IC	 60 A19
Open Narrow Flange 705 705 PF 705AZ	White White plastic flange Clear specular	Accent/Adjustable		Lens/Wet Location ²		Glass Lens Narrow Flange 6LD3 6LDB3 6LF3 6LFB3 6L4 6LB4	
Non-IC		Eyeball Wide Flange 7E1 TOR 7E1MW TOR 7E1BN TOR 7E1ORB TOR 7E1BZA TOR		WETlite™ 6H20 TOR 6H20ORB TOR 6H20BN TOR		Drop opal white splay Drop opal black baffle Flush white white splay Flush white black baffle Fresnel white splay Fresnel black baffle	
		White Matte white Brushed nickel Oil-rubbed bronze Antique bronze		White Oil-rubbed bronze Brushed nickel		Non-IC	
		IC/Non-IC		IC/Non IC		 75 PAR38	

* For plastic flange add suffix PF

- Notes**
- 1 Maximum wattage listed. Lower wattage lamps may be used.
- 2 Lens trims and WETlites™ are wet location listed. All others are damp location.
- 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.

L7XR 6" Remodel Housing

REALITY™ Open Narrow Flange LED Module (Wet location)



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

ORDERING INFORMATION

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

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

Notes

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

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				
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	

Notes

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

E Series Baffle Wide Flange LED Modules (Wet Location)



Example: 65BEMW LED 27K L7XR¹

ORDERING INFORMATION

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

Series/Finish		Lamp	CCT / CRI / W / Lumens ²		Voltage
65BEMW 5" / 6" Baffle LED module, matte white	LED	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	
			40K 90CRI	4000 K / 93CRI / 10.4W / 770L	

Notes

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



L7XR

L7XR 6" Remodel Housing

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	CCT / CRI / W / Lumens ³	Voltage
<u>Series</u> 6G1	6" Gimbal Module	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
	<u>Finish</u> MW Matte white MB Matte black ² BN Brush nickel ² ORB Oil-rubbed bronze ²			

Notes

- 1 L7XR housing ordered on a separate line.
- 2 Available in 30K 83CRI only.
- 3 Total system delivered lumens.

LED iGimbal Module (Damp location)



Example: 6iGMW LED 30K 90CRI
L7X

ORDERING INFORMATION

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

6G1		LED		
Series/Finish		Lamps	CCT / CRI / W / Lumens ²	Voltage
<u>Series</u> 6iG	6" Gimbal Module	LED	27K 90CRI 2700 K / 92CRI / 11.9W / 720L 30K 90CRI 3000 K / 92CRI / 12.2W / 750L 40K 90CRI 4000 K / 95CRI / 11.6W / 770L ³	(blank) 120V
	<u>Finish</u> MW Matte white MB Matte black BN Brush nickel ¹ ORB Oil-rubbed bronze			

Notes

- 1 Minimum 90-day lead time for non-standard color finishes; minimum 50-piece order quantity.
- 2 Total system delivered lumens.
- 3 Minimum 90-day lead time for 4000 K color temperature; minimum 50-piece order quantity.