

FEATURES & SPECIFICATIONS

INTENDED USE — Recessed housing rated IC and non-IC. For new construction only. Approved for all ceiling and wiring types. Approved for direct burial in insulation.

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

Aluminum housing with galvanized steel pan.

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.

Galvanized steel junction box with four built-in romex clamps; four ½" and two ¾" knockouts with slots for pryout. Rated for 90°C.

Ground wire provided.

Removable 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 SYSTEM — Multi-volt (MVOLT), 120 through 277, electronic ballast with end of life protection standard with TRT lamps. Requires 4-pin lamp.

Socket assembly clips to top of housing to prevent paint overspray.

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

Thermal protection provided against improper lamp usage.

Lamps:

Lamp socket base 13W 4-pin: DTT (GX24Q-1); TRT (GX24Q-1).

Lamp socket base 18W 4-pin: DTT (GX24Q-2); TRT (GX24Q-2).

Lamp socket base 26W 4-pin: TRT (GX24Q-3).

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 to ceilings up to 1-1/2" thick.

LISTING — U.L. Listed to U.S. and Canadian safety standards.

Damp location listing. (See trim selection for wet location listing.)

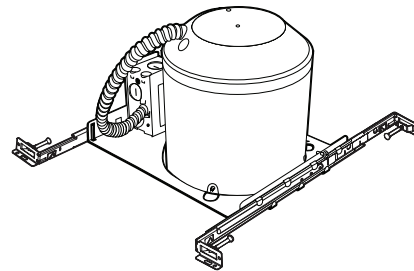
WARRANTY — 1-year limited warranty. Complete warranty terms located at:

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.

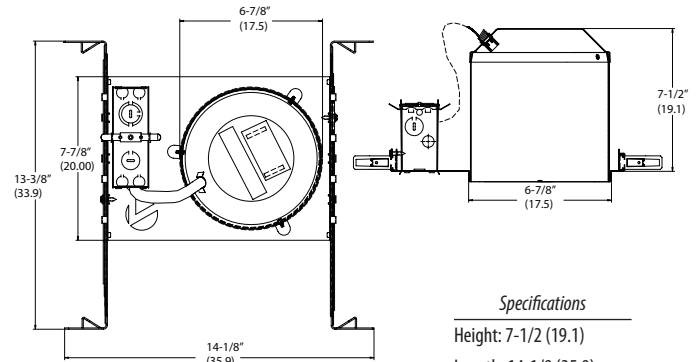
Catalog Number
Notes
Type



6" Housing

L7XF MVOLT

FLUORESCENT
IC/Non-IC
New Construction



Specifications

Height: 7-1/2 (19.1)
Length: 14-1/8 (35.9)
Width: 13-3/8 (33.9)
Ceiling opening: 7 (17.8)

All dimensions are inches (centimeters).

ORDERING INFORMATION

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

Example: L7XF 18DTT/TRT MVOLT

L7XF			
Series	Wattage/Lamp	Voltage	Options
L7XF	13DTT ¹	MVOLT ³	ADEZ Advance Mark 10" electronic line voltage control dimming ballast, 120V or 277V. Must be wattage and voltage specific. Minimum dimming level 5%
	18DTT	120V	ADZT Advance Mark VII™ electronic 0-10V DC dimming ballast, 120v or 277v. Minimum dimming level 3%
	13DTT/TRT ^{1,2}	277V	GMF Single fuse, must specify voltage
	18DTT/TRT ^{1,2}	347V ⁴	GSKT Foam gasketing. Aids in air-tight installation
	13TRT ¹		PHC Poke-home wire connectors
	18TRT		WLP 35K 4-pin (shipped separately)
	26TRT		

Notes

- Not available with ADEZ.
- Not available with WLP.
- Electronic multi-volt ballast capable of operating any line voltage from 120-277V, 50 or 60Hz.
- 347V is non-IC only, electronic ballast.

Description Catalog number	Maximum wattage Sheet number	Description Catalog number	Maximum wattage Sheet number	Description Catalog number	Maximum wattage Sheet number	Description Catalog number	Maximum wattage Sheet number
General/Task				Lens/Wet Location			
Open Wide Flange 601	White 13DTT 26TRT	Baffle Wide Flange 6B1 TOR Black 6B1W TOR White	13DTT 26TRT	Baffle Narrow Flange 7B0W White	13DTT 18TRT	Plastic Lens, Drop, Narrow Flange 6LD1 Drop opal plastic 6LD2 Drop prismatic plastic	
IC		IC		IC			18DTT 26TRT
Open Wide Flange 601 TOR White 601BN TOR Brushed nickel 601ORB TOR Oil-rubbed bronze		Baffle Narrow Flange 6B2 Black 6B2W White	18DTT 26TRT	Baffle Narrow Flange 7B2 TOR Black 7B2W TOR White 7B2BN TOR Brushed nickel 7B2ORB TOR Oil-rubbed bronze		IC	
		IC		IC		Glass Lens, Drop Opal, Narrow Flange 6LD3 White splay 6LDB3 Black baffle	
							13DTT 26TRT
IC		Baffle Narrow Flange 6B3 Black 6B3W White	18DTT 26TRT	IC		IC	
Open Narrow Flange 602 White 602A Clear diffuse 602AZ Clear specular		IC		Baffle Wide Flange 7B3 TOR Black 7B3W TOR White	13DTT 26TRT	Glass Lens, Flush White, Narrow Flange 6LF3 White splay 6LFB3 Black baffle	
				IC			13DTT 26TRT
		Baffle Narrow Flange 6B4 Black 6B4W White	18DTT 26TRT	Baffle Narrow Flange 7B5 Black 7B5W White	13DTT 26TRT	Glass Lens, Flush Fresnel, Narrow Flange 6L4 White Splay 6LB4 Black Baffle	
IC		IC		IC			13DTT 26TRT
Open Narrow Flange 602 TOR White 602BN TOR Brushed nickel 602ORB TOR Oil-rubbed bronze		Open Wide Flange 701 TOR White	13DTT 13TRT	Wallwash			
		IC		Eyelid Wallwash, Narrow Flange 6W1 White	18DTT 26TRT	Shower/Closet Lens Narrow Flange 7LD1 Drop opal metal flange 7LD1 PF Drop opal plastic 7LD2 PF Drop prismatic plastic	
IC				IC			13TRT
Premium Specular Cone w/Diffuse Upper Reflector 6C3AZ Clear specular 6C3BLZ Specular black	18DTT 18TRT	Open Narrow Flange 702A Clear diffuse 702AZ Clear specular 702BLZ Black specular	13DTT 26TRT	Baffled Eyelid Wallwash, Narrow Flange 6W2W White	18DTT 26TRT	IC	
Non-IC		IC		IC		Notes	
Open Narrow Flange 603AZ Clear specular	18DTT 26TRT	Open Narrow Flange 702 TOR White	13DTT 26TRT			1 Maximum wattage listed. Lower wattage lamps may be used.	
IC		IC				2 Lens trims are wet location listed. All others are damp location.	
						3 Shallow trims may be used for lower lamp position	