



6" LED Residential New Construction Recessed

ROUND



Clear Reflector (RT6R-HZ)



Painted Reflector
(RT6R-WH)



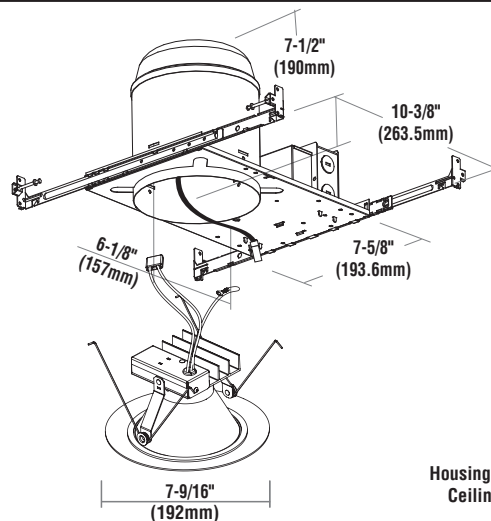
Baffle
(RT6B)



LRD6 DESCRIPTION

Housing designed for use with a separate LED engine kit that is integrated with heat sink. Compatible 6" LED trims. Fixture offers easy and fast installation using a disconnect device. Held securely in the housing with two pressure springs.

LED Quantity	1EA(COB)
Input Voltage	120V
Wattage	14W
Lumen	734
Efficacy LPW	53
Beam Angle°	75°
Color	3000K, 4000K
CRI	80
Dimming	Triac & ELV
Lamp Life	Rated for 50,000 hrs at 70% lumen maintenance



Height : 7-1/2"
Housing Aperture : 6-1/8"
Ceiling Cut-out : 6-1/2"

Ordering Information

Luminaire Prefix	Light Engine Lumens	Source	Color Temp.	Voltage	Trim	Reflector Finish	Baffle	Optional Metal Trim Ring Finish	
LRD6 - 6" Residential Downlight	07 - 700	LED	30 - 3000K 40 - 4000K	120 - 120 volt	RT6R RT6B	HAZ - Semi-diffused/Satin	BB - Black Baffle WB - White Baffle	WH - White BK - Black SN - Satin Nickel AN - Antique Nickel AC - Antique Copper	MO - Mocha CA - Cappuccino CR - Chrome NS - Natural Steel PB - Polished Brass

SELECTION:

LRD6

07

LED

Example: LRD6- 07 - LED - 27 - 120 - RT6R - HAZ - BL - WH



Project Name _____ Fixture Type _____ Cat# _____

www.lsi-industries.com

7/13/17 © LSI INDUSTRIES INC.



6" LED Residential New Construction Recessed

LRD6 Features & Benefits

Housing

- Single wall aluminum housing gasketed for IC/Air-Tight in insulated ceiling.
- Housing can be adjustable for ceiling thickness up to 1-1/4".

Junction Box

- Listed for through-branch circuit wiring.(Max. 8) No 12 AWG 90°C branch-circuit conductors.
- (5) 1/2" knockouts with true pry-out slots and (4) knockouts with Romex cable clamp.
- Ground wire provided on J-box.
- Optional listed quick connectors.

Bar Hangers

- 24" Bar Hangers provide stability and support on joists and T-Bar Grid ceilings.
- Housing can be positioned at any point within 24" joist span.
- Score lines allow shortening for 12" joists without tools.

Lens

- Impact-resistant plastic.
- High lumen transmission and diffusing for even illumination.

LED Module

- Durable aluminum extrusion heat sink integrated with COB(chip on board).
- Inner reflector provide more light and beam distribution.

LED power supply driver

- 120V input high efficacy driver with the capability to dim.
- Power factor >.90, THD <20% and has integral thermal protection.
- Driver installed on junction box door for easy access below ceiling.
- Compatible with Triac (forward-phase or leading-edge) & ELV (reverse-phase or trailing edge) 120Vac dimmers.

Warranty

- LSI LED Fixtures carry a limited 5-year warranty.

Listings

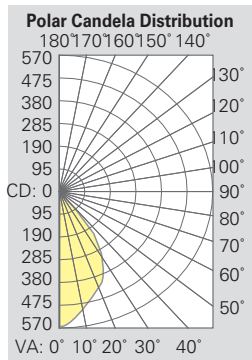
- cETLus Listed
- State of California Title 24
- ENERGY STAR® Certified

Approved Dimmers

- Lutron: NovaT(Ntelv300&600)
Diva(Dvelv-300P&303P)
- Leviton: Acenti (Ate06-1Lw)
Trimatron #705W

Lutron, Nova and Diva are trademarks of Lutron Electronics Co., Inc. Leviton, Acenti and Trimatron are trademarks of Leviton Manufacturing Co., Inc.

Photometrics

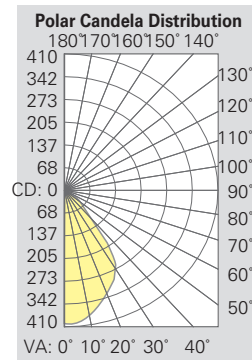


LRD6

Illuminance at a Distance

	Center Beam FC	Beam Width
2.0ft	147.2 fc	3.1 ft
4.0ft	36.8 fc	6.1 ft
6.0ft	16.3 fc	9.2 ft
8.0ft	9.2 fc	12.3 ft
10.0ft	5.9 fc	15.3 ft
12.0ft	4.1 fc	18.4 ft

Beam Spread: 74.9°



LRD6

Illuminance at a Distance

	Center Beam FC	Beam Width
2.0ft	118.4 fc	3.3 ft
4.0ft	29.6 fc	6.6 ft
6.0ft	13.2 fc	9.9 ft
8.0ft	7.4 fc	13.2 ft
10.0ft	4.7 fc	16.5 ft
12.0ft	3.3 fc	19.8 ft

Beam Spread: 78.9°

