



# 6" LED Residential Remodel Recessed

ROUND



Clear Reflector (RT6R-HZ)



Painted Reflector (RT6R-WH)

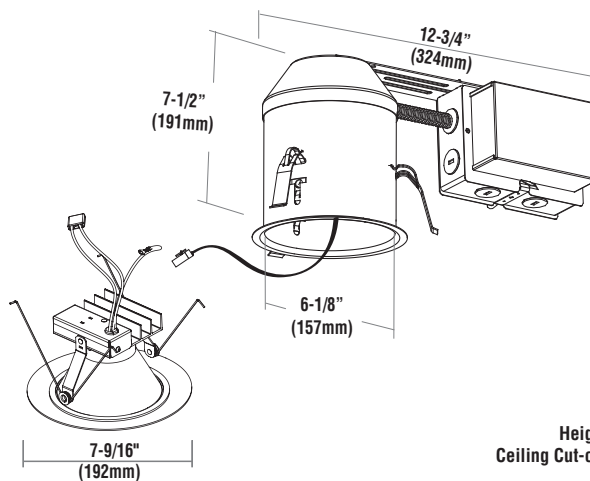


Baffle (RT6B)

## LRD6R DESCRIPTION

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

LED Quantity	1EA(COB)
Input Voltage	120V
Wattage	13.8W
Lumen	733.5
Efficacy LPW	53
Beam Angle°	75°
Color	3000K - 4000K
CRI	80 (standard)
Dimming	Triac & ELV
Lamp Life	Rated for 50,000 hrs at 70% lumen maintenance



Height : 7-1/2"  
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	
LRD6R - 6" Residential Downlight Remodel Housing	07 - 700	LED	30 - 3000K 40 - 4000K	120 - 120 volt	RT6R RT6B	HZ - Haze Clear	BL - Black WH - White	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:

LRD6R

07

LED

Example: LRD6R- 07 - LED - 30 - 120 - RT6R - HZ - BL - WH



Project Name \_\_\_\_\_ Fixture Type \_\_\_\_\_ Cat# \_\_\_\_\_

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7/13/17  
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REMODEL



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## LRD6R 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.
- Provided listed quick connectors for easy snap-in wires. (Optional)

### Remodel Clips

- 4 remodel clips secure housing and accommodates 1/2" and 5/8" ceiling materials.

### 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 dimming.
- 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.

### Warranty

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

### Listings

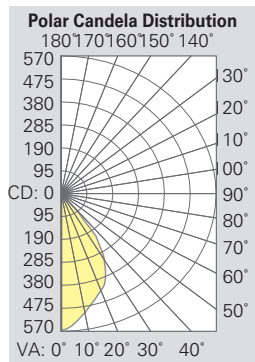
- cETLus Listed
- State of California Title 24
- ENERGY STAR® Certified

### Approved Dimmers

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

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## Photometrics

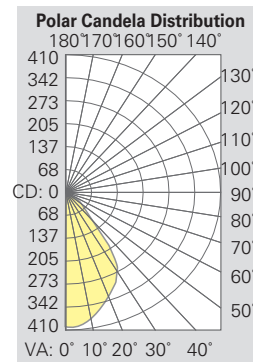


LRD6R - LED

**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°



LRD6R - LED

**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°

