



# 4" LED Residential Remodel Recessed

ROUND



Clear Reflector (RT4R-HZ)



Painted Reflector (RT4R-WH)



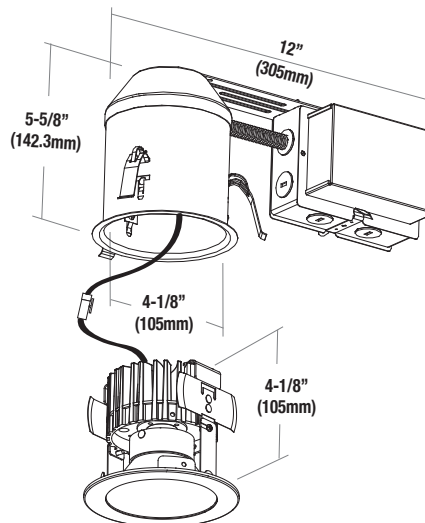
Baffle (RT4B)



## LRD4R DESCRIPTION

Remodel housing is designed for use with a separate LED engine kit that is integrated with heat sink and compatible 4" LED trims. This fixture offers easy and fast installation using a disconnect device and held securely in the housing with two friction blade bracket.

LED Quantity	1EA(COB)
Input Voltage	120 Volt
Wattage	10W
Lumen	460
Efficacy LPW	46
Beam Angle°	63°
Color	3000K - 4000K
CRI	80 (standard)
Dimming	Triac & ELV
Lamp Life	Rated for 50,000 hrs at 70% lumen maintenance



Height : 5-9/16"  
Ceiling Cut-out : 4-3/8"

## Ordering Information

Luminaire Prefix	Light Engine Lumens	Source	Color Temp.	Voltage	Trim	Reflector Finish	Baffle	Optional Metal Trim Ring Finish
LRD4R - 4" Residential Downlight Remodel	04 - 460	LED	30 - 3000K 40 - 4000K	120 - 120 volt	RT4R RT4B	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:

LRD4R

04

LED

Example: LRD4R- 04 - LED - 27 - 120 - Rt4R - HZ - BL - WH



Project Name \_\_\_\_\_

Fixture Type \_\_\_\_\_

Cat# \_\_\_\_\_

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## LRD4R Features & Benefits

### Housing

- Single wall aluminum housing gasketed for IC/Air-Tight in insulated ceiling.
- 5-1/2" height allows use in 2"x 6" joist construction.

### 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-on wires. (Optional)

### Remodel Clips

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

### Trims

- Available with baffle trims in white or black painted and haze clear reflectors.
- Available in the (2) different upper reflectors for each beam MED (Medium spot beam): 30°, WFL (Wide flood spot beam): 45°.

### Optics

- Glass Lens: Textured fine surface of tempered glass providing high lumen transmission and diffuser for even illumination.

### LED Engine

- Heat sink designed by computer simulation and aluminum board for low heat operation.
- Uniform color temperature within 3 SDCM.

### LED power supply driver

- 120V input high efficacy drivers dimming by 0-10V dimmer switches standard.
- Power factor >.90, THD <20% with integral thermal protection.
- Driver mounts externally to the module, allowing future replacement, if needed.
- Compatible 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

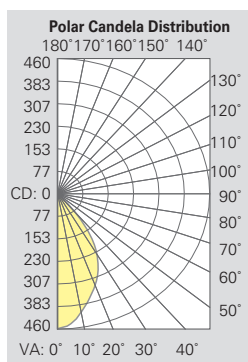
- Lutron: NovaT(Ntelv300&600)  
Diva(Dvelv-300P&303P)
- Leviton: Acenti (Ate06-1Lw)  
Trimatron #705W

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## Photometrics



LRD4R

Illuminance at a Distance		
	Center Beam FC	Beam Width
2.0ft	113.3 fc	2.5 ft
4.0ft	28.3 fc	5.1 ft
6.0ft	12.6 fc	7.6 ft
8.0ft	7.1 fc	10.1 ft
10.0ft	4.5 fc	12.7 ft
12.0ft	3.1 fc	15.2 ft
Beam Spread: 64.7°		

