



4" LED Residential New Construction Recessed

ROUND



Clear Reflector (RT4R-HZ)



Painted Reflector
(RT4R-WH)



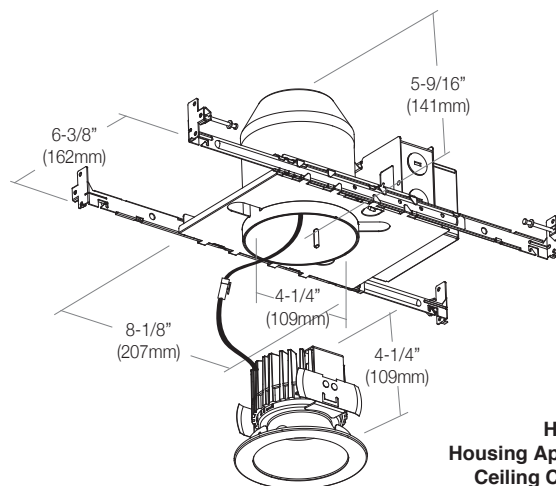
Baffle
(RT4B)



LRD4 DESCRIPTION

Housing is designed for use with a separate LED engine kit that is intergrated with heat sink and trims 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 brackets.

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



Height : 5-9/16"
Housing Aperture : 4-1/4"
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	
LRD4 - 4" Residential Downlight	04 - 460	LED	30 - 3000K 40 - 4000K	120 - 120 volt	RT4R RT4B	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:

LRD4

04

LED

Example: LRD4 - 04 - LED - 27 - 120 - Rt4R - HAZ - BL - WH - EM



Project Name _____ Fixture Type _____ Cat# _____

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12/16/16
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LRD4 Features & Benefits

Housing

- Galvanized steel housing, painted black.
- Housing can be adjusted 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-on wires. (Optional)

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.

Trims

- Available with baffle trims in white or black painted and haze clear reflectors.
- Available in the (2) different upper reflectors for each be 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 and aluminum board for low heat operation.
- Uniform color temperature within 3 SDCM.

LED Power Supply Driver

- 120V input high efficacy drivers with dimming by 0-10V dimmer switches.
- Power factor >.90, THD <20% with integral thermal protection.
- Driver mounts external 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

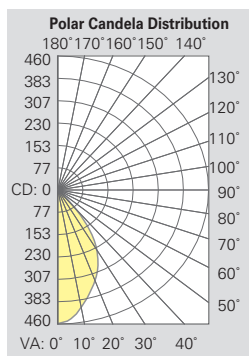
- Lutron: NovaT(Ntelv300&600)
Diva(Dvelv-300P&303P)
- Leviton: Acenti (Ate06-1Lw)
Trimatron #705W

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ROUND

NEW CONSTRUCTION

Photometrics



LRD4 - 10 - LED

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°		

