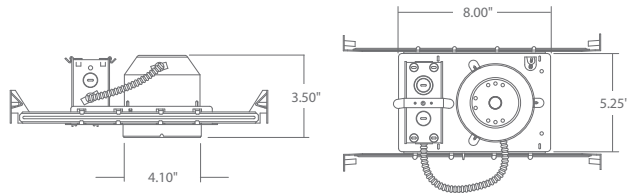


New Construction Shallow Housing w/ Reflector Flat Lens (Dimmable)

4"



SPECIFICATION

Ceiling cut-out: 4 1/2"

Application: General purpose shallow housing specially designed for use with Liton's LRELD4 series Retrofit-able quick connect Trims.

Housing: Pre-wired housing adjusts up to a 1-1/2" ceiling thickness. Integral thermal protector to guard against improper lamping and installation. Trim is secured with torsion wing springs/standard coil springs or serrated clips.

Mounting: Housing suitable for new construction installations only, supplied with (2) 24" adjustable hanger bars with 90 degrees repositioning ability. Hanger bars equipped with nail-less install 3/4" serrated barbed studs and with captive nails, for faster and easier secure mounting in wood joists. Set-screws lock into position and prevent shifting after installation. Earthquake structural cable compatible for drop panel ceiling or any other mounting that requires direct support from structural ceilings.

Socket: Specialty Energy Efficient socket with high temperature leads. Socket mounts directly on trim, then trim is installed into housing.

Junction Box : 16 gauge pre-wired galvanized steel Junction Box, 32 cubic-inch for a maximum of (8) #12 AWG wires. Furnished with (7) 3/4" and (4) Romex knock-outs. Strain clamps to install or remove covers for easy access and ground wire. Equipped with safety standard fitting for flex-conduit.

Insulation Contact: IC rated housing rated for direct contact with loosefill blown and rolled insulation.

Airflow: Airtight option is designed to restrict air flow from room into plenums in compliance to the WSEC - Washington State Energy Code, (Less than 2.0 CFM -Cubic Feet per Minute). Complies to Title24 air flow requirements (Air-tight).

Safety Labels: UL/CUL listed for through-branch wiring (8) No.12 AWG 90°C and suitable for damp locations. NYC approved: Calendar #41937.

Caution: Use of any 3rd party lamp source in this unit is subject to the lamp/module manufacturer's own limitations. In no way does LITON make any claims to compatibility in regards to form, fit, usage and case temperature conditions with other manufacturer's products. Users are responsible for confirming compatibility under all aforementioned conditions before using this product.

Caution: LITON recommends use of surge protectors on the power entering LED Housings. Surge damage is not covered by warranty.

FEATURE:



"Application: 4" General Purpose LED Trim with GU24 Base is perfect for Retrofit, New Construction and Remodel Applications in low to medium height ceilings.

Mounting: Mounts into standard 4" General Purpose Recessed housing cans with steel pressure springs mounted on trim to ensure positive retention inside housing. Alternate mounting methods available, consult factory.

Power Connection: Comes standard with GU24 socket mounted to top of fixture. Meets CA Title 24 Requirements and other standards restricting the use of Medium base or Bi-Pin Sockets.

Lumen Maintenance: Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Thermal Management: Effective thermal dissipation facilitated by integral cast-aluminum, finned heat sink design for maximum heat rejection to provide long LED life.

Driver: Electronic Direct Current driver mounted on fixture.

Dimming: 'DIN' dimming option smoothly dims down to 5% of initial light output with flicker-free performance. Works with standard incandescent dimmers. Factory qualified for use with Lutron brand dimmers: S600PR, DVSCCL-153P & DV600PR as well as Leviton IP106-600W. Works with standard electronic low voltage (ELV) dimmers. Factory qualified for use with Lutron brand dimmers: SELV300P, DVELV-300P, MAELV-600 and NELV-450.

Safety Labels: ETL/CETL listed. UL listed for wet location. NYC approved: Calendar#41937."

Wet Location: Suitable for Wet Location Installations.

Warranty: Covered by a 3 Year Warranty to be free of defects in materials and craftsmanship. Recommended for applications where ambient temperatures do not exceed 35°C, installations exceeding this temperature will result in reduced LED lamp life and a voided warranty.

Label: UL Listed, cETL Listed

NEW CONSTRUCTION SHALLOW HOUSING LSH99ICA-QC LED

DESCRIPTION
LSH99ICA-QC: New Construction Shallow Housing

REFLECTOR FLAT LENS (DIMMABLE) LREBLD402 LED/GU24

FINISH	VOLTAGE	COLOR TEMP	ADAPTER OPTION
LREBLD402W :White Reflector/ White Ring	Blank :120V	-T27 :2700K	Blank :None
	UE :120V/277V	-T30 :3000K	/SQG4-MED :Med Base
		-T35 :3500K*	
		-T40 :4000K	

* Special Order Item, Consult factory for stock.

Ordering example: LSH99ICA-QC/LREBLD402W-T27

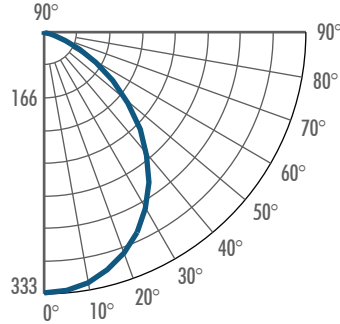
LREBLD402- PHOTOMETRY

Reflector Flat Lens (Dimmable)

LREBLD402W-T30 - 3,000K

System Power	:10.6W	Multipliers	
Test Date	:7/2014	4,000K	1.04
Beam Angle 50%	:92.1°	3,500K	1.02
Field Angle 10%	:139.6°	2,700K	0.95
Color Temperature	:3,000K		
CRI	:85.0		
Lumens Delivered	:701Lm		
CBCP	:333cd		
Power Factor	:0.99		

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
3.0'	6.2'	37.0
4.0'	8.3'	20.8
6.0'	12.4'	9.2
8.0'	16.6'	5.2
8.1'	16.8'	5.1