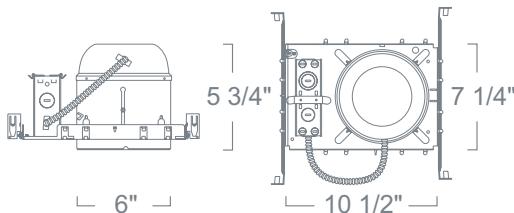


**Standard Shallow E26 Housing w/ 5" & 6" GU24 Square LED (1100Lm)****LH7 SERIES - 6" LINE VOLTAGE RECESSED LIGHTING****SPECIFICATION**

Ceiling cut-out: 6 1/2"

**Application:** General purpose recessed downlight housing for medium to high ceilings for residential and light commercial applications. A variety of trims, compatible styles and finishes are available to achieve the proper décor and illumination.

**Housing:** Pre-wired housing adjusts up to a 1 1/2" ceiling thickness. Integral thermal protector to guard against improper lamping and installation. Housing provides an adjustable socket plate which allows for use of different lamp types. 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:** Standard porcelain medium screw base socket with high temperature leads.

**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:** Non IC rated housing must be kept 3" from insulation. IC rated housing rated for direct contact with low to medium density loosefill blown and rolled insulation. For use with high density loose fill blown insulation, reduce rated lamp wattage accordingly (roughly %15-%20).

**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.

**Label:** UL Listed, cETL Listed

**FEATURE:**

**Application:** 6" 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 5 & 6" General Purpose Recessed housing 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. Smoothly dims down to 5% with standard Low Voltage dimmers.

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

**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.

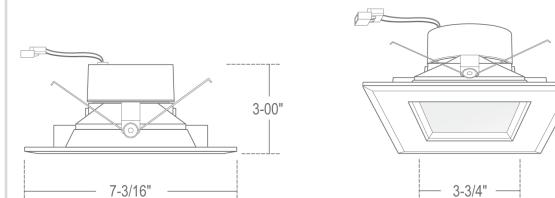
**STANDARD SHALLOW E26 HOUSING**  
**LH27** 120V 90W Max A19/PAR30/PAR38 MED E26**5" & 6" GU24 SQUARE LED (1100LM)**  
**LREBLDQ5602** 120VAC 16W

*Ordering example:* LH27A/LREBLDQ5602W-T27/S-GU24-MED

RATING
LH27A :Airtight
LH27ICA:IC-Airtight

FINISH	COLOR TEMP	OPTION
LREBLDQ5602W :White Reflector/White Ring	-T27:2700K*	/S-GU24-MED :Med Base
	-T30:3000K*	Blank :/Non
	-T35:3500K	
	-T40:4000K*	

\* Special Order Item. Consult factory for stock.





# LREBLDQ5602 - PHOTOMETRY 5" & 6" GU24 SQUARE LED

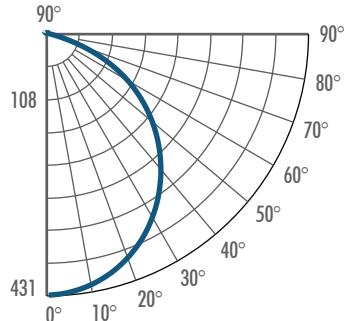
LREBLDQ5602W-T30 - 3,000K

System Power	:15.6W
Test Date	:6/2016
Beam Angle 50%	:105.4°
Field Angle 10%	:147.3°
Color Temperature	:2,973K
CRI	:91.7
R9 Value	:53.1
Lumens Delivered	:1,112Lm
CBCP	:428cd
Power Factor	:0.97

Multippliers
4,000K
3,500K
2,700K

1.04
1.02
0.95

## CANDELA TABULATION



## FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
3.3'	8.6'	39.8
6.5'	17.2'	9.9
10'	25.8'	4.4
13'	34.4'	2.5
16'	43.1'	1.6