

Type IC, Wet & Air-Tight



Project: _____

Location: _____

Trim Finish: _____ Qty: _____

Notes: _____

DESCRIPTION

Recessed 6" Round LED With Integral Driver In Connection Box.
Fits Where No Other Recessed Fixture Can.

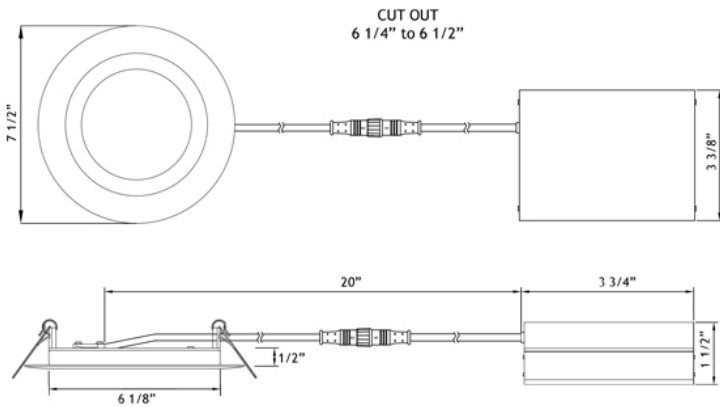
FEATURES & BENEFITS

- 1/2" Thin - Install Directly Under Joists, Maximum Layout Flexibility
- Driver Inside Connection Box - No Junction Box Needed
- Fast & Easy To Install - Save On Labour
- Type IC Rated - No Housing Required
- CRI > 90 - True Colour Rendering
- Wide Trim - No More Goof Rings
- Wet Location Approved

MOUNTING

Cut Hole In Ceiling And Snap Fixture In Opening With Attached Spring Clips.
1 1/2" Above Ceiling Clearance Required For Driver.

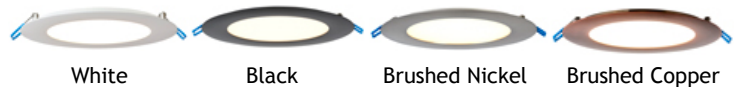
SPECIFICATION	
Applications	Recessed Ceiling, Showers & Soffits
Energy Used	17 W
Colour Temperature	4000 K
Light Output	1000 lm
Halogen Equivalent	90 W
Beam Angle	110°
CRI	> 90
Driver Input	120V AC or 277V-347V
Power Factor	0.98
Dimming	TRIAC Dimmers 5% - 100%
Approved Location	Insulated Ceiling, Wet & Damp Locations
Air Tight	Yes
IP Rating	IP 54
Ambient Temperature	-40° F (-40° C) to +104° F (+40° C)
Projected Life	70% Light Output at 50,000 Hours
Certification	cULus, Energy Star, T24
Warranty	10 Year on Residential 5 Year on Commercial Applications



Driver Included



Trim Options



COMPLIANCE



CHARACTERISTICS

- Body:** Durable, Die Cast Aluminum Alloy for Optimal Heat Dissipation.
- Paint:** Oil Based Spray Painted - Scratch Resistant And Smooth Finish.
- LEDs:** 66 Pieces Of Custom Packaged LM80 Epistar 2835. CRI > 90.
- Guaranteed 98% Lumen Maintenance After 6,000 Hours.
- Strict Binning To Ensure Consistent Light Colour.
- Driver:** 4th Generation Lotus Designed. Field Proven Since 2011.
- Connection Box:** Patented Invention By Lotus LED Lights.
- Saves Contractors Labour On Installation.
- Testing:** Every Single Driver Is Powered For Minimum 24 Hours Together With The Fixture That It Is Shipped With.
- Every LED Is Visually Checked Before And After The PCB Is Mounted On The Fixture.
- No Random Tests - We Hand Test Every Fixture & Driver.

Lighting facts
A Program of the U.S. DOE

Light Output (Lumens)	1000
Watts	17
Lumens per Watt (Efficacy)	58.82
Color Accuracy Color Rendering Index (CRI)	90
Light Color Correlated Color Temperature (CCT)	4000 (Bright White)

Color scale: Warm White (2700K), Bright White (3000K), Daylight (4500K, 6500K)

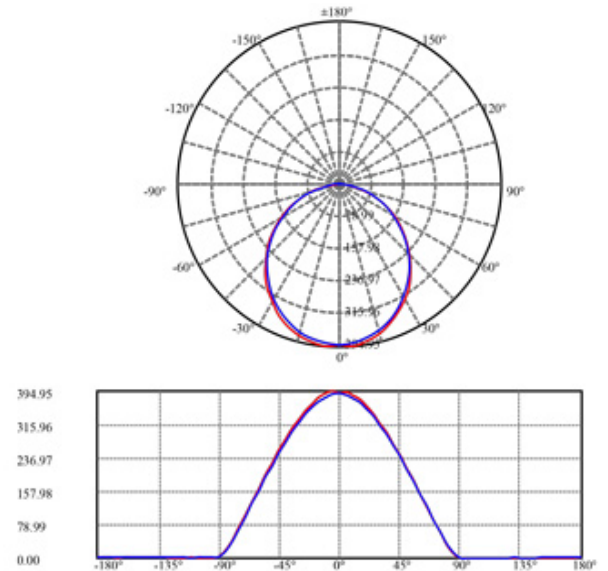
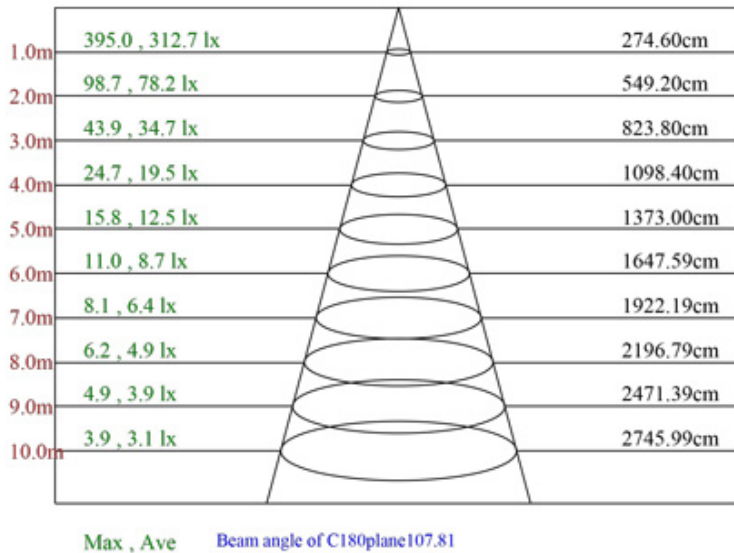
All results are according to IESNA LM-79-2008. Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: K53C-TOPHDL (10/28/2017)
Model Number: LL6R-40K
Type: Luminaire - Downlight

PHOTOMETRIC DATA OF A LAB TESTED SAMPLE

MODEL:	LL6R-40K	LAMP FLUX:	1056 LM
VOLTAGE:	120 V	LUMENS / POWER:	63 LM/W
POWER:	16.8 W	CENTRAL INTENSITY:	389 CD
PF:	0.99	BEAM ANGLE:	108 DEGREES



ORDERING GUIDE

Example: LL6R -40K - WH

- LL6R - 40K -
- Trim Finish
- WH : White
 - BK : Black
 - BN : Brushed Nickel
 - BC : Brushed Copper

ACCESSORIES

Sold Separately

- Low Volage Extension Cables
6ft - cat # EXC6, 20ft - cat # EXC20
Max 40 ft Extension Allowed
- Flanged Rough-In Plates - cat # LRP6
- Order 277V - 347V Optional Driver Separately As cat # LLL-LD2050H



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