

### Type IC, Air-Tight & Plenum Rated



#### DESCRIPTION

Regressed LED fixtures with integral LEDs and built-in driver.  
Commercial Grade Quality With Architectural Design.

#### FEATURES & BENEFITS

- 2 1/4" Thin - Fits In Tight Ceiling Spaces
- CRI 93 - True Colour Rendering
- Type IC Rated - No Housing Required
- Open Plenum Rated - Suitable For Commercial Installations
- Fast & Easy To Install - Save On Labour
- Junction Box Included - No Additional Hardware Needed

#### MOUNTING

Cut Hole In Ceiling And Snap Fixture In Opening With Attached Spring Clips.  
2 1/4" Above Ceiling Clearance Required. Quick connectors Included.

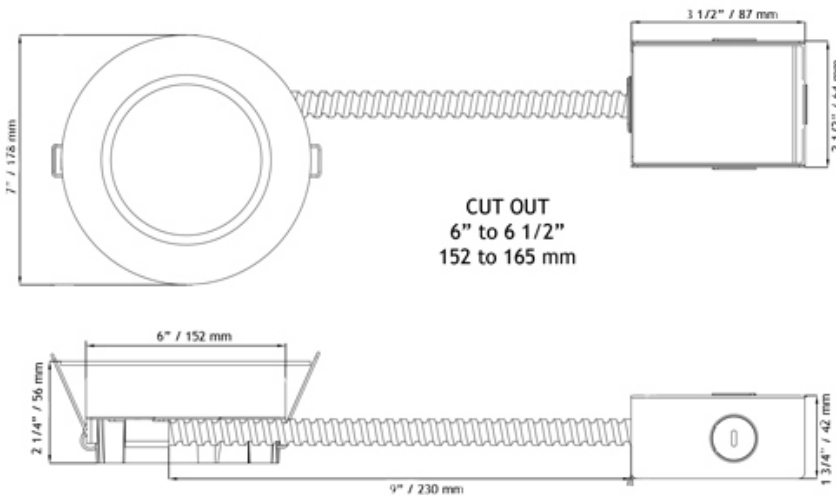
Project: \_\_\_\_\_

Location: \_\_\_\_\_

Trim Finish: \_\_\_\_\_ Qty: \_\_\_\_\_

Notes: \_\_\_\_\_

SPECIFICATION	
Applications	Recessed Ceiling Mount
Energy Used	17 W
Colour Temperature	4100 K
Light Output	1050 lm
Halogen Equivalent	90 W
Beam Angle	96°
CRI	93
Input Voltage	120V AC 50/60 Hz
Power Factor	0.99
Dimming	TRIAC Dimmers 5% - 100%
Approved Location	Insulated Ceilings & Open Plenum
Air Tight	Yes
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
<b>Warranty</b>	<b>10 Year on Residential</b> <b>5 Year on Commercial Applications</b>



Available Trims:

White

Black



#### 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. Guaranteed 98% Lumen Maintenance After 6,000 Hours.

Strict Binning To Ensure Consistent Light Colour. CRI 93 for True and Vibrant Colour Rendering.

**Driver:** 5th Generation Lotus Designed.

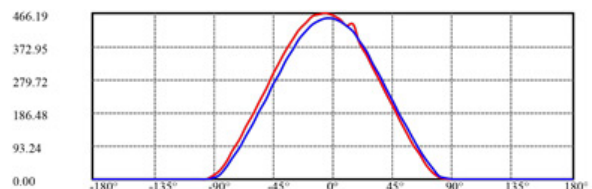
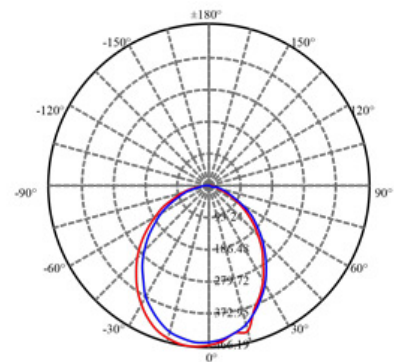
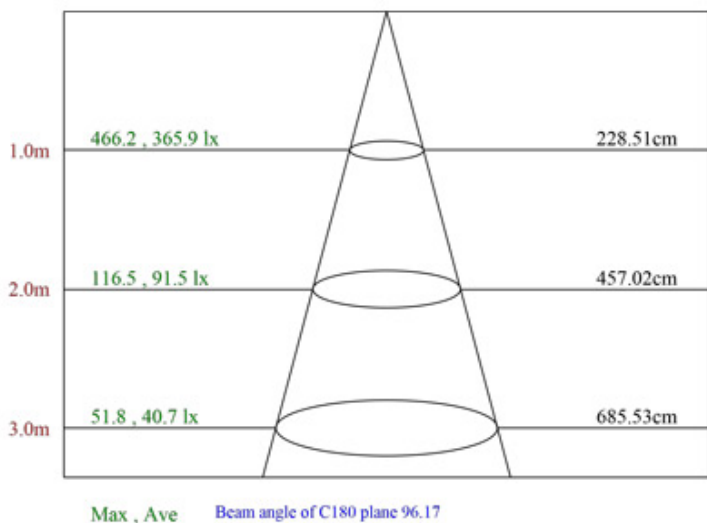
**Junction Box:** Included, Connected To The Fixture By 9" Armored Plenum Rated Cable. Quick Connectors Included For Additional Time Saving.

**Testing:** Every LED Is Visually Checked Before And After The PCB Is Mounted On The Fixture.

Every Fixture Is Powered For Minimum 24 Hours Before Packaging. No Random Tests - We Examine All Fixtures.

## PHOTOMETRIC DATA

MODEL:	LL6RRG-41K	LAMP FLUX:	1051 LM
VOLTAGE:	120 V	LUMENS / POWER:	63.8 LM/W
POWER:	16.48 W	CENTRAL INTENSITY:	461 CD
PF:	0.985	BEAM ANGLE:	96 DEGREES



## ORDERING GUIDE

Example: LL6RRG - 41K - WH

LL6RRG - 41K -   
 WH : White  
 BK : Black

## ACCESSORIES

Sold Separately



Rough-In Plates - cat # RIP6



Goof Ring White OD 7 5/8" - cat # GR6

LOTUS LED Lights

**LED lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens)	1050
Watts	17
Lumens per Watt (Efficacy)	61.76

**Color Accuracy**  
Color Rendering Index (CRI) 93

**Light Color**  
Correlated Color Temperature (CCT) 4000 (Bright White)

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](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: K53C-13ABXP (12/28/2016)  
Model Number: LL6RRG-41K  
Type: Luminaire - Downlight



## Warehouses

Vancouver    Toronto    Las Vegas    Naples    Philadelphia    Dallas    Seattle

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[www.lotusLEDlights.com](http://www.lotusLEDlights.com)