

Type IC, Wet & Air-Tight



DESCRIPTION

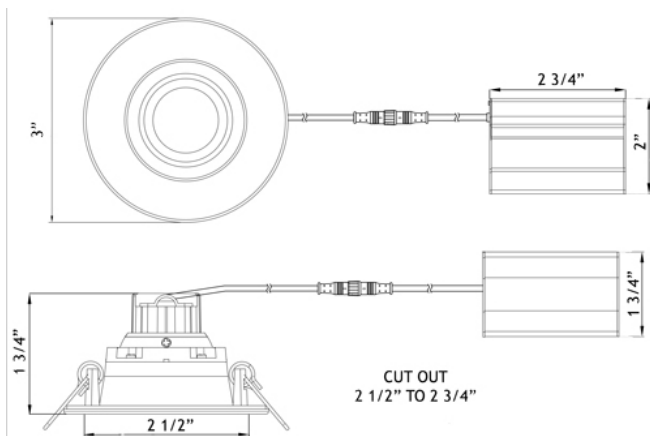
1/2" Regressed 2" Gimbal Round LED With Integral Driver In Connection Box.
Fits Where No Other Recessed Fixture Can.
Unique Design: Gimbal Yet Air-Tight Without Housing Needed.

FEATURES & BENEFITS

- 1 3/4" Thin - Install Where Ceiling Space Is Limited.
- Type IC Rated - No Housing Required
- Fast & Easy To Install - Save On Labour
- Driver Inside Connection Box - No Junction Box Needed
- Directional Beam - Great for Sloped Ceilings and Highlighting Artwork
- CRI 92 - True Colour Rendering

MOUNTING

Cut Hole In Ceiling And Snap Fixture In Opening With Attached Spring Clips.
Ceiling Clearance Required: 2" with driver remotely installed,
5" if driver is next to the fixture.



Driver Included



Available Trims



White



Black

COMPLIANCE



Project: _____

Location: _____

Trim Finish: _____ Qty: _____

Notes: _____

SPECIFICATION	
Applications	Cabinets, Recessed Alcoves
Energy Used	5 W
Colour Temperature	3000 K
Light Output	430 lm
Halogen Equivalent	35 W
Beam Angle	24° beam with 20° tilt and 360° rotation
CRI	> 90
Driver Input	120V AC 50/60 Hz
Power Factor	0.95
Dimming	TRIAC Dimmers 5% - 100%
Approved Location	Insulated Ceiling, Damp & Wet Locations
IP Rating	IP 54
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
Warranty	10 Year on Residential 5 Year on Commercial Applications

CHARACTERISTICS

Unique Design: 1/2" Regressed 2" Gimbal with 20° tilt and 360° rotation,

Yet Air-Tight Without Housing Needed. Patent Pending.

Body: Durable, Die Cast Aluminum Alloy for Optimal Heat Dissipation.

Paint: Oil Based Spray Painted - Scratch Resistant And Smooth Finish.

LED: Epistar COB Custom Packaged by Hongli Tronic with LM80.

Guaranteed 98% Lumen Maintenance After 6,000 Hours.

Strict Binning To Ensure Consistent Light Colour. CRI 92 for True Colour Rendering.

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. No Random Tests - We Hand Test Every Fixture & Driver.

Lighting facts
A Program of the U.S. DOE

Light Output (Lumens)	430
Watts	5
Lumens per Watt (Efficacy)	86
Color Accuracy Color Rendering Index (CRI)	90
Light Color Correlated Color Temperature (CCT)	4000 (Bright White)

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

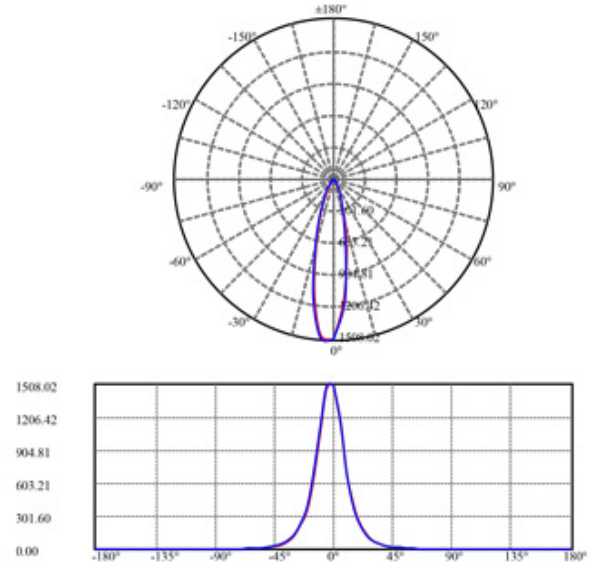
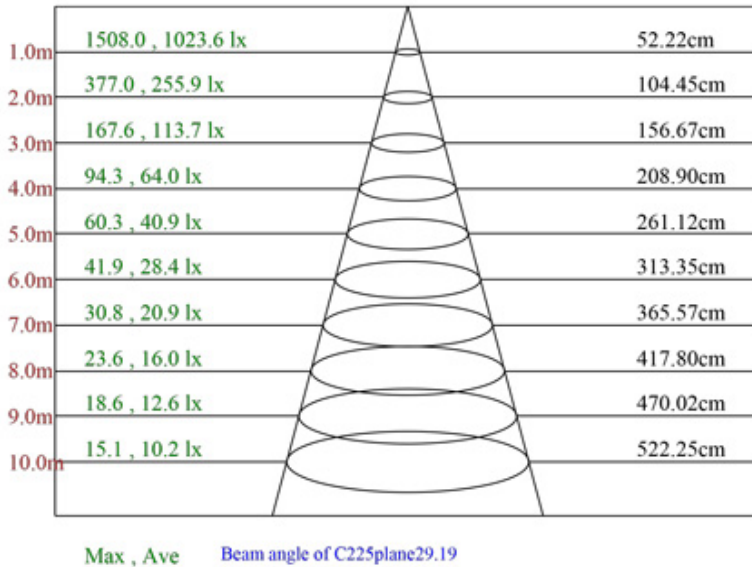
All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

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

Registration Number: K53C-3L0IE6 (10/28/2017)
Model Number: LRG2-40K
Type: Luminaire - Downlight

PHOTOMETRIC DATA OF A LAB TESTED SAMPLE

MODEL:	LRG2-40K	LAMP FLUX:	432 LM
VOLTAGE:	120 V	LUMENS / POWER:	91 LM/W
POWER:	4.74 W	CENTRAL INTENSITY:	1499 CD
PF:	0.95	BEAM ANGLE:	24 DEGREES



ORDERING GUIDE

Example: LRG2 - 40K - WH

LRG2 - 40K - Trim Finish
WH : White
BK : Black

ACCESSORIES

Sold Separately



Low Volage Extension Cables
6ft - cat # EXC6, 20ft - cat # EXC20
Max 40 ft Extension Allowed



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