

Type IC, Wet & Air-Tight



DESCRIPTION

2" Eyeball Gimbal Recessed 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

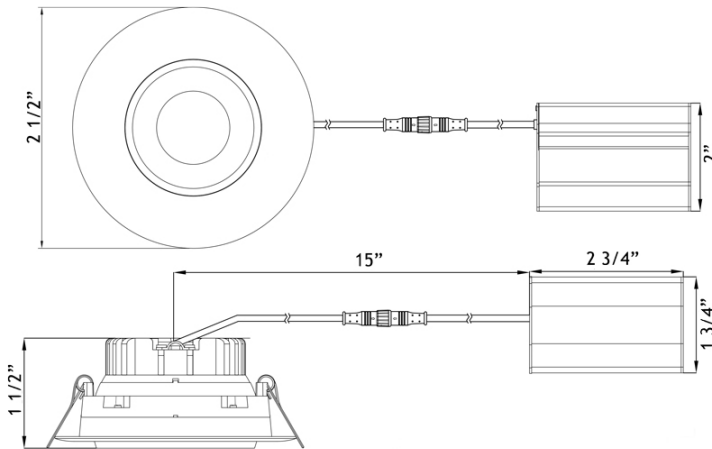
- 1 1/2" Thin - Install Where Ceiling Space Is Limited.
- Type IC Rated - No Housing Required
- Fast & Easy To Install - Save On Labour
- Driver Inside Connection Box - No Junction Box Needed
- Directional Beam - Great for Sloped Ceilings and Highlighting Artwork
- CRI 90+ for True Colour Rendering

MOUNTING

Cut Hole In Ceiling And Snap Fixture In Opening With Attached Spring Clips.
Ceiling Clearance Required: 1 1/2" with driver remotely installed,
5" if driver is next to the fixture.

DIMENSIONS

ID 2" OD 2 1/2" Cut Out 2" to 2 1/8"



COMPLIANCE



Canadian Patent No. 2,967,954 and United States Patent Pending



Project: _____

Location: _____

Trim Finish: _____

Qty: _____

Notes: _____

SPECIFICATION

Applications	Cabinets, Recessed Alcoves
Energy Used	5 W
Colour Temperature	4100 K
Light Output	430 lm
Halogen Equivalent	35 W
Beam Angle	24° Beam with 30° 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 & 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

Driver Included

Cable Rating FT4 / CM



Available Trims



White

Black

Brushed Nickel

CHARACTERISTICS

Unique Design: 2" Eyeball Recessed Gimbal with 30° tilt and 360° rotation.

Yet Air-Tight Without Housing Needed.

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 90 for True and 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.

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)	93
Light Color Correlated Color Temperature (CCT)	4000 (Bright White)

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

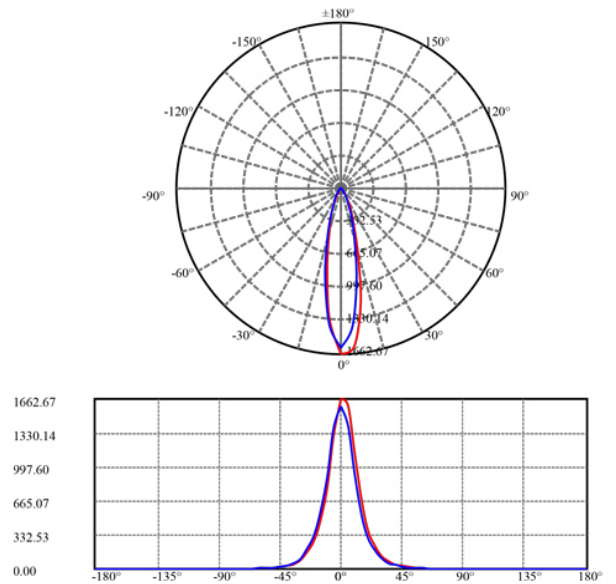
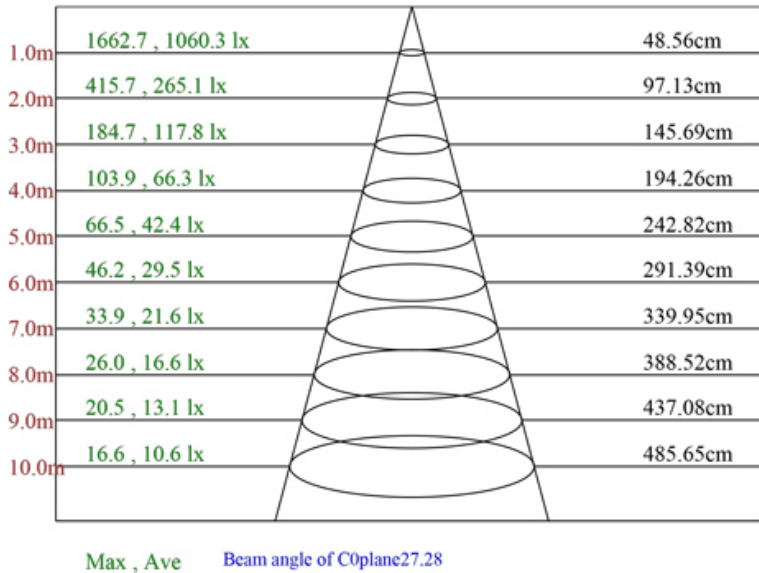
All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

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

Registration Number: K53C-216PBK (12/27/2016)
Model Number: LL2G-41K
Type: Luminaire - Downlight

PHOTOMETRIC DATA OF A LAB TESTED SAMPLE

MODEL:	LL2G-41K	LAMP FLUX:	438 LM
VOLTAGE:	120 V	LUMENS / POWER:	88 LM/W
POWER:	4.7 W	CENTRAL INTENSITY:	1663 CD
PF:	0.95	BEAM ANGLE:	27 DEGREES



ORDERING GUIDE

Example: LL2G - 41K - WH

LL2G - 41K - Trim Finish
 WH : White
 BK : Black
 BN : Brushed Nickel

ACCESSORIES



Low Volage Extension Cables
 6ft - cat # EXC6, 20ft - cat # EXC20
 Max 40 ft Extension Allowed
 FT4 / CM rated



Rough-In Plates - cat # RIP2



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