

### 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 90+** for True Colour Rendering

#### MOUNTING

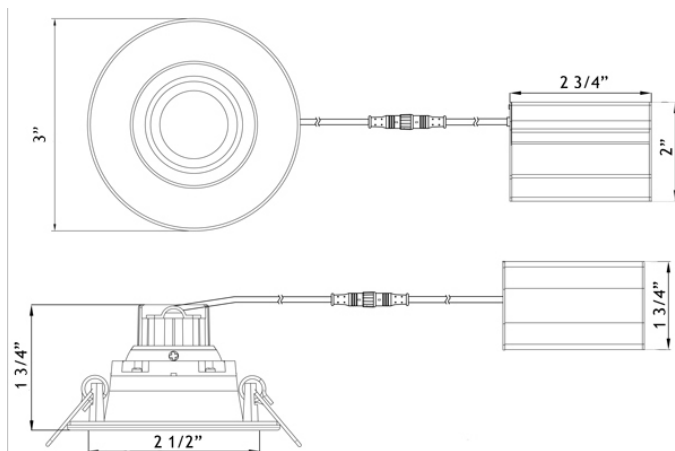
Cut Hole In Ceiling And Snap Fixture In Opening With Attached Spring Clips.

Ceiling Clearance Required: 2" with driver remotely installed,

5" if driver is next to the fixture.

#### DIMENSIONS

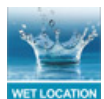
ID 2 1/2" OD 3" Cut Out 2 1/2" to 2 3/4"



#### 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	2700 K
Light Output	380 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 & 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

## 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.

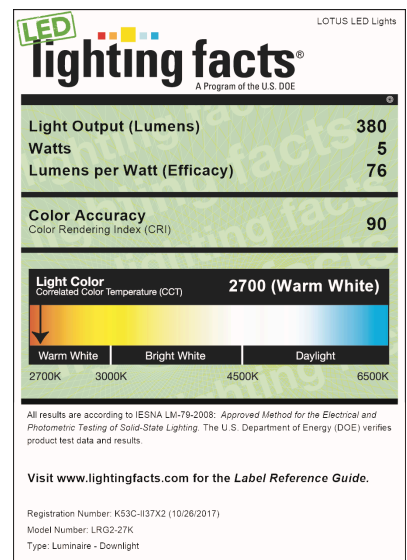
Strict Binning To Ensure Consistent Light Colour. CRI 92 for True Colour Rendering.

**Driver:** 4th Generation Lotus Designed. Field Proven Since 2011.

**Connection Box:** Patented Invention By Lotus LED Lights.

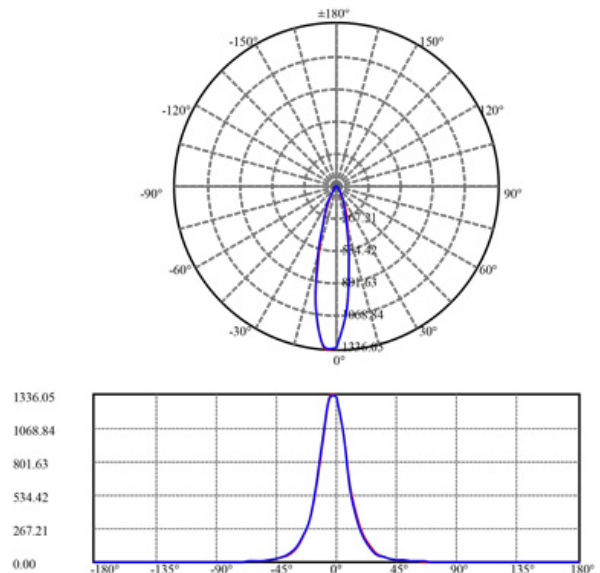
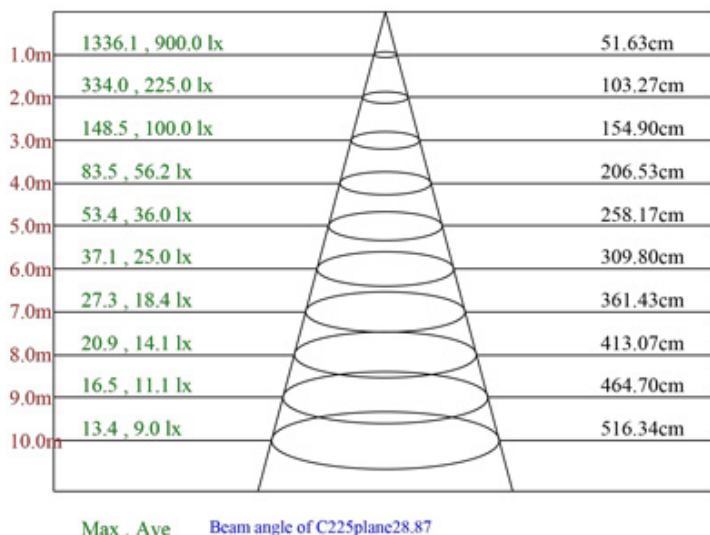
Saves Contractors Labour On Installation.

**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.



## PHOTOMETRIC DATA OF A LAB TESTED SAMPLE

MODEL:	LRG-27K	LAMP FLUX:	380 LM
VOLTAGE:	120 V	LUMENS / POWER:	80 LM/W
POWER:	4.74 W	CENTRAL INTENSITY:	1320 CD
PF:	0.95	BEAM ANGLE:	24 DEGREES



## ORDERING GUIDE

Example: LRG2 - 27K - WH

LRG2 - 27K - Trim Finish  
WH : White  
BK : Black

## ACCESSORIES

Sold Separately



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



Rough-In Plates - cat # RIP212



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