

### Type IC, Wet & Air-Tight



#### DESCRIPTION

1 1/2" Regressed 6" 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

**3 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

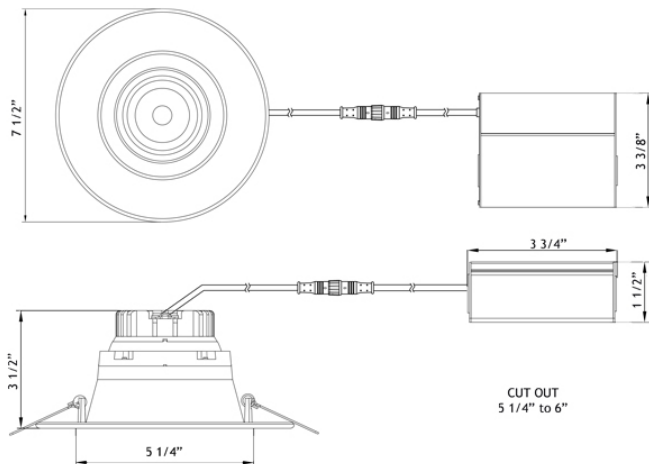
**Directional Beam** - Great for Sloped Ceilings and Highlighting Artwork

**CRI 92** - True Colour Rendering

#### MOUNTING

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

Ceiling Clearance Required: 3 1/2"



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

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

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

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

| SPECIFICATION       |   |
|---------------------|---|
| Applications        | Sloped Ceilings, Highlighting Artwork                                     |
| Energy Used         | 15 W  |
| Colour Temperature  | 4000 K  |
| Light Output        | 1300 lm   |
| Halogen Equivalent  | 100 W   |
| Beam Angle          | 38° Beam with 20° tilt and 360° rotation                                  |
| CRI                 | > 90  |
| Driver Input        | 120V AC or 277V-347V AC 50/60 Hz  |
| Power Factor        | 0.98  |
| 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   |
| <b>Warranty</b>     | <b>10 Year on Residential</b><br><b>5 Year on Commercial Applications</b> |

#### Driver Included



#### Available Trims



White



Black

#### COMPLIANCE



**CHARACTERISTICS**

**Unique Design:** 1 1/2" Regressed 6" 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.

LOTUS LED Lights

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


|                                   |              |
|-----------------------------------|--------------|
| <b>Light Output (Lumens)</b>      | <b>1300</b>  |
| <b>Watts</b>                      | <b>15</b>    |
| <b>Lumens per Watt (Efficacy)</b> | <b>86.67</b> |

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**Color Accuracy**  
Color Rendering Index (CRI) **90**

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



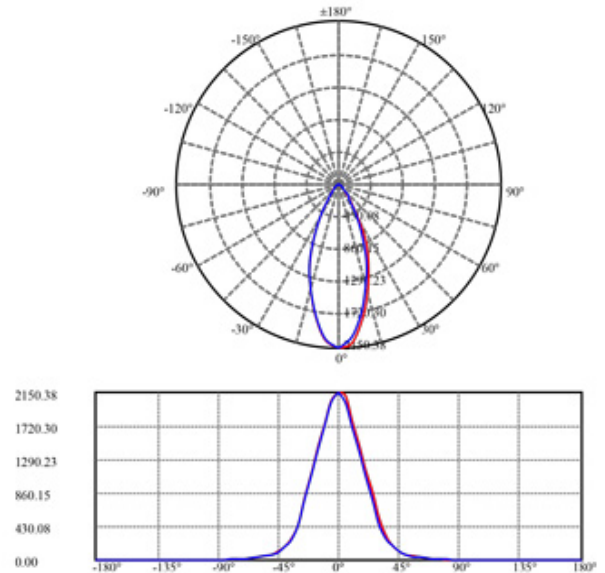
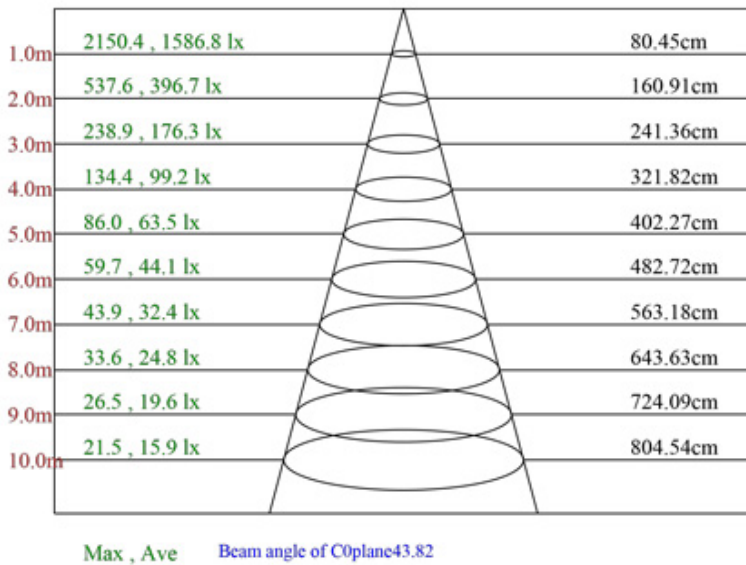
All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

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

Registration Number: K53C-VNRU3K (10/26/2017)  
Model Number: LRGB-40K  
Type: Luminaire - Downlight

**PHOTOMETRIC DATA OF A LAB TESTED SAMPLE**

|          |          |                    |            |
|----------|----------|--------------------|------------|
| MODEL:   | LRG6-40K | LAMP FLUX:         | 1306 LM    |
| VOLTAGE: | 120 V    | LUMENS / POWER:    | 90 LM/W    |
| POWER:   | 14.56    | CENTRAL INTENSITY: | 2150 CD    |
| PF:      | 0.99     | BEAM ANGLE:        | 42 DEGREES |



**ORDERING GUIDE**

Example: LRG6 - 40K - WH

LRG6 - 40K -   
 WH : White  
 BK : Black

Order 277V - 347V Optional Driver Separately As cat # LLL-LD1535H



**ACCESSORIES**

Sold Separately



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



Flat Rough-In Plate - cat # RIP6



Flanged Rough-In Plate - cat # LRP6



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