

## Type IC & Airtight, CRI>80



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

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

Model: \_\_\_\_\_ Qty: \_\_\_\_\_

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

### DESCRIPTION

Recessed LED 4" Round With Integral Driver In Connection Box.  
Fits Where No Other Recessed Fixture Can.

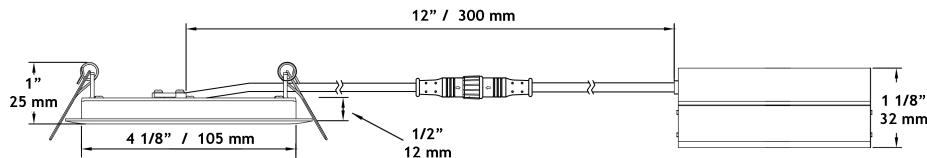
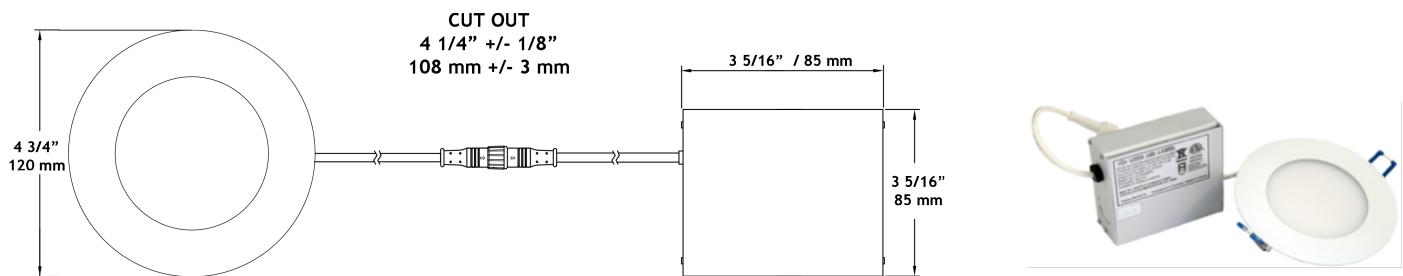
### FEATURES & BENEFITS

1/2" Thin - Install Directly Under Joists, Maximum Layout Flexibility  
Type IC Rated - No Housing Required  
Fast & Easy To Install - Save On Labour  
Driver Inside Connection Box - No Junction Box Needed

### MOUNTING

Cut Hole In Ceiling And Snap Fixture In Opening With Attached Spring Clips.  
2" Above Ceiling Clearance Required For Driver.

SPECIFICATION	
Applications	Ceiling Recessed Mount, Soffits
Energy Used	9 W
Light Output	3000K - 550lm, 4100K - 600 lm
Halogen Equivalent	50 W
Beam Angle	120°
CRI	> 80
Driver Input	120V AC or 277V-347V AC 50/60 Hz
Power Factor	> 0.95
Dimming	TRIAC Dimmers 10% - 100% (120V only)
Approved Location	Insulated Ceiling & Damp Locations
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, cETLus, Energy Star
Warranty	5 Year on Fixture & Driver



277V - 347V Driver Option Available  
Not Dimmable

### COMPLIANCE



### Warehouses

Vancouver, BC

Toronto, ON

Las Vegas, NV

Naples, FL

## CHARACTERISTICS

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

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

**LEDs:** 77 Pieces Of Custom Packaged LM80 Epistar 3014. Guaranteed 98% Lumen Maintenance After 6,000 Hours.

Strict Binning To Ensure Consistent Light Colour.

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

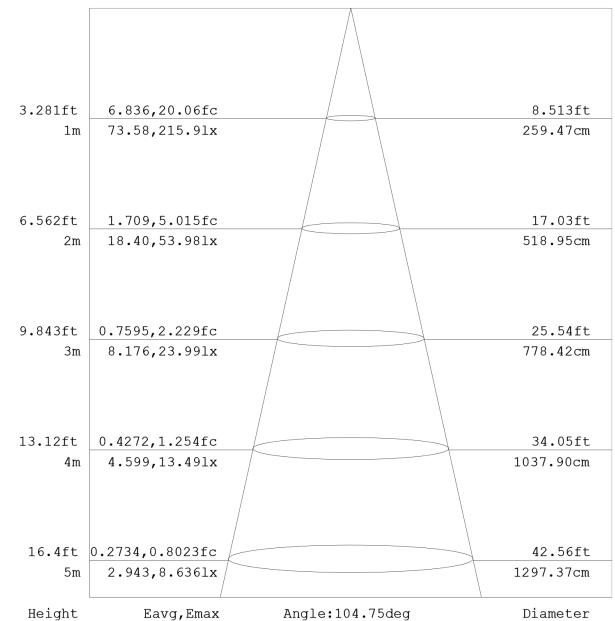
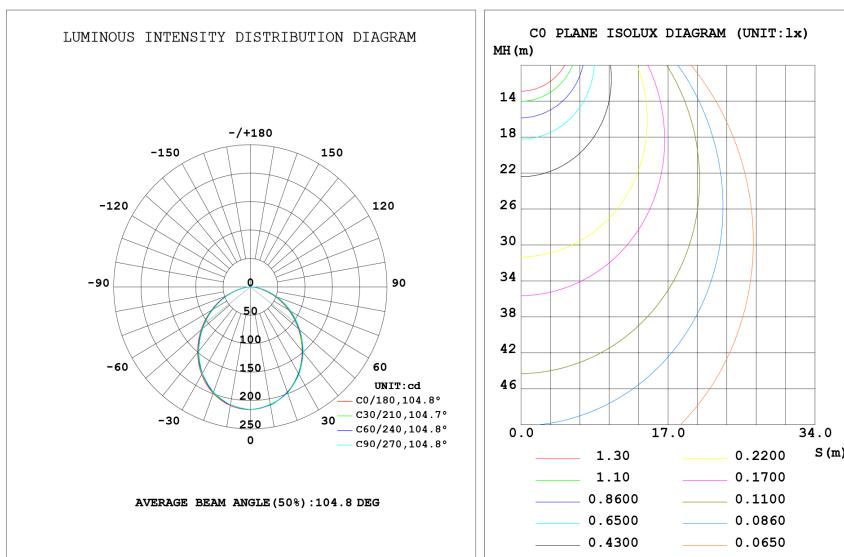
**Connection Box:** Patented Invention By Lotus LED Lights. Saves Contractors Labour In Installation On Every Job.

**Testing:** Every Single Driver Is Powered For Minimum **24 Hours** Together With The Fixture That It Is Shipped With.

Every LED Is Visually Checked Before And After The PCB Is Mounted On The Fixture. **No Random Tests - We Hand Test Every Fixture & Driver.**

## PHOTOMETRIC DATA

DATA OF LAMP		PHOTOMETRIC DATA		
MODEL	LY4RCS 30K	I <sub>max</sub> (cd)	215.9	Eff: 63.44 lm/W
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C0/180)
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	559.69	S/MH(C90/270)
NOMINAL FLUX(lm)	559.691	CIE CLASS	DIRECT	η <sub>UP, DN(C0-180)</sub> 0.0, 50.8
LAMPS INSIDE	1	η <sub>up(%)</sub>	0.0	η <sub>UP, DN(C180-360)</sub> 0.0, 49.2
TEST VOLTAGE(V)	120.5	η <sub>down(%)</sub>	100.0	CIBSE SHR NOM 1.25
				CIBSE SHR MAX 1.35



## ORDERING GUIDE

Example: LY4RCS / 30K / WH

LY4RCS /  Kelvin /  Trim Finish  
 30K : 3000K  
 41K : 4100K

WH : White  
 BK : Black  
 BN : Brushed Nickel

## ACCESSORIES

Sold Separately



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



Rough-In Plates - cat # RIP4



Goof Ring White OD 5 3/4" - cat # GR4



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