

## 6" Square Slim Recessed LED Soft White 14W

Type IC, Wet & Air-Tight



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

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

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

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

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

### DESCRIPTION

Recessed 6" Square LED With Integral Driver In Connection Box.

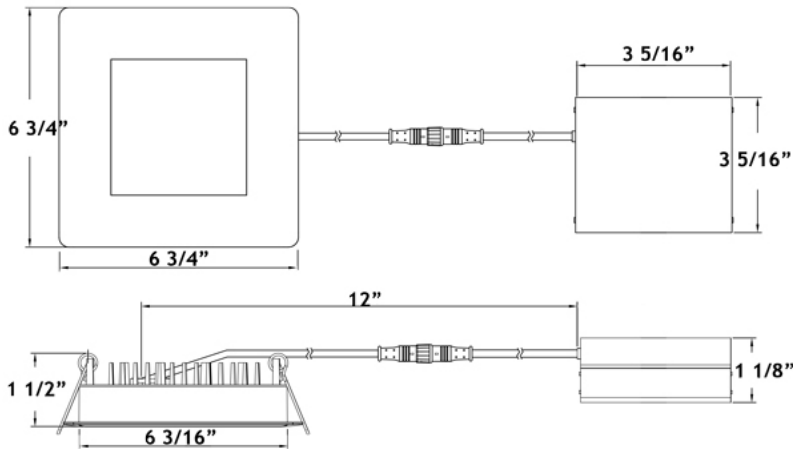
### FEATURES & BENEFITS

- 1 1/2" Thin - Fits Where No Other Recessed Fixture Can.
- 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.
- 1 1/2" Above Ceiling Clearance Required For Driver.

**DIMENSIONS** ID 6 3/16" OD 6 3/4" Cut Out 6 1/4" to 6 1/2"



SPECIFICATION	
Applications	Recessed Ceiling Mount
Energy Used	14 W
Colour Temperature	4100 K
Light Output	950 lm
Halogen Equivalent	75 W
Beam Angle	90°
CRI	80 +
Driver Input	120V AC or 277V-347V AC 50/60 Hz
Power Factor	0.98
Dimming	TRIAC Dimmers 10% - 100% (120V only)
Approved Location	Insulated Ceiling & Wet 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, Energy Star
Warranty	10 Year on Residential 5 Year on Commercial Applications

Driver Included

Cable Rating FT4 / CM



Trim Options



White



Black

### COMPLIANCE



## CHARACTERISTICS

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

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

**LEDs:** 72 Pieces Of Custom Packaged LM80 Epistar 2835.

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 On Installation.

**Testing:** Every Single Driver Is Powered For Minimum 24 Hours Together With The Fixture That It Is Shipped With. No Random Tests.

LOTUS LED Lights

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


<b>Light Output (Lumens)</b>	<b>1100</b>
<b>Watts</b>	<b>14.2</b>
<b>Lumens per Watt (Efficacy)</b>	<b>77.46</b>

---

**Color Accuracy**  
Color Rendering Index (CRI) **80**

---

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



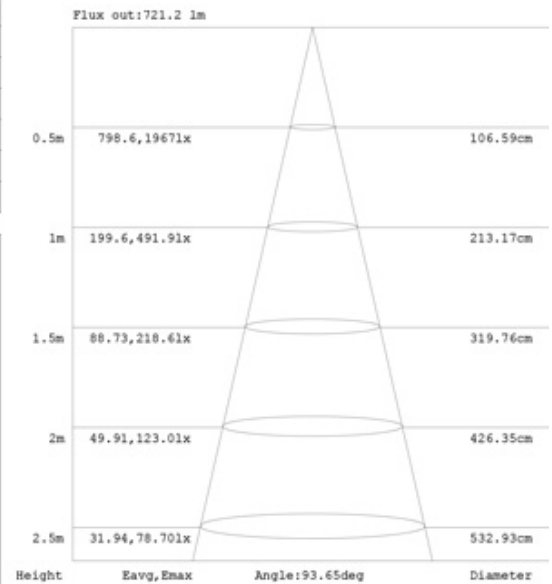
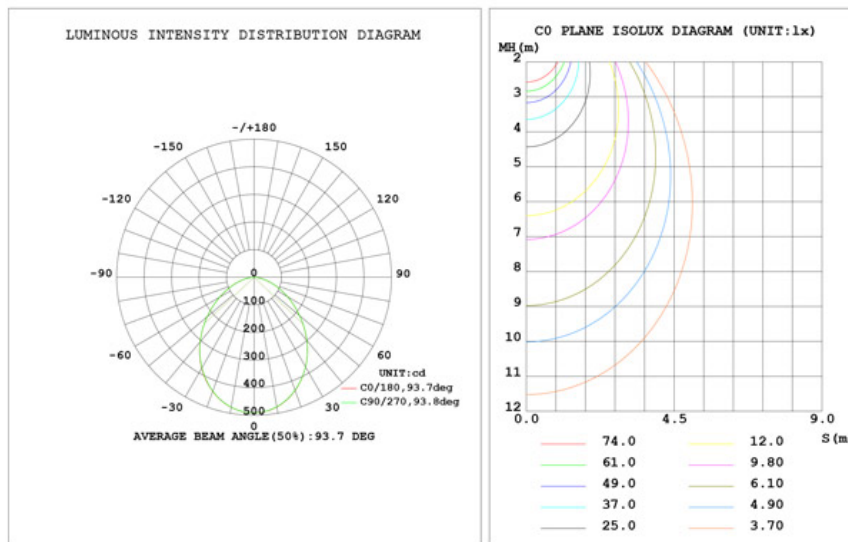
All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

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

Registration Number: K53C-820LAQ (3/23/2016)  
Model Number: LY6S 41K  
Type: Luminaire - Downlight

## PHOTOMETRIC DATA

Test: U:119.9V I:0.1165A P:13.85W PF:0.9916 Lamp Flux:1114.95x1 lm		<b>Eff: 80.48 lm/W</b>			
MODEL	LY6S 41K	Imax (cd)	491.9	S/MH (C0/180)	1.16
NOMINAL POWER (W)	0	LOR (%)	100.0	S/MH (C90/270)	1.16
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	1114.9	$\eta$ UP, DN (C0-180)	0.0, 49.5
NOMINAL FLUX (lm)	1114.95	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.0, 50.4
LAMPS INSIDE	1	$\eta$ up (%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	$\eta$ down (%)	99.9	CIBSE SHR MAX	1.30



## ORDERING GUIDE

Example: LY6S / 41K / WH

LY6S / 41K /   
**WH** : White  
**BK** : Black

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



## ACCESSORIES



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



Flat Rough-In Plates - cat # RIP6



Flanged Rough-In Plate - cat # LRP6



## Warehouses

Vancouver    Toronto    Las Vegas    Naples    Philadelphia    Dallas    Seattle    Chicago    Denver

tel: 1-844-24-LOTUS (56887)

fax: 1-877-561-6306

[www.lotusLEDlights.com](http://www.lotusLEDlights.com)