



# LFR-6S-FE-12W-5CCT

## 6" Square Fire Rated Flat Edgelit LED 12W 5CCT



### DESCRIPTION

6" Square Fire Rated Ultra Slim Recessed LED 5CCT 12W

With Integral Driver In Connection Box

### FEATURES & BENEFITS

**2 Hour Fire Rated** without additional housing or hardware

**Type IC, Air-Tight & Wet Location** - No Housing Required

**All Steel Heat Resistant Casing** provides up to 2 Hour Fire Protection

**Intumescent Gasket** for additional sealing in case of fire

**Heavy Duty Steel Spring Clips** for secure installation

**5/8" Thin** - Install in Limited Ceiling Spaces

**1 1/2" Spring Height** for installations on 2 x 5/8" drywall

**Plenum Rated Cable** for Commercial Installations

**Driver Inside Connection Box** - No Junction Box Needed

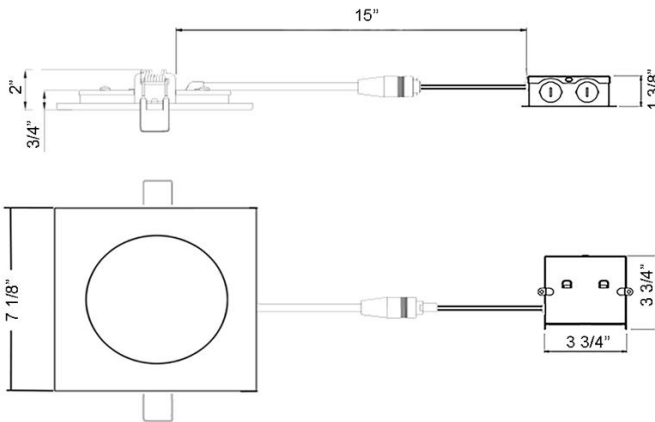
**5 CCT** User Selectable Light Colors

**CRI 90+** for True Color Rendering

**DIMENSIONS** ID 6" OD 7 1/8" Square Cut Out 6" to 6 1/4"

Fixture Thickness: 5/8"

120V Triac Dimmable Driver Included



### ORDERING GUIDE

	CCT	Trim
<b>LFR-6S-FE-12W-5CCT</b>	5CCT	White
5CCT: 2700 - 3000 - 3500 - 4000 - 5000K		

### INSTRUCTIONS FOR PROPER ASSEMBLY

Cut a circular opening in the gypsum ceiling such that the annular space between the ceiling membrane and the fixture does not exceed 1/8 inch. Ensure penetrations do not exceed 100 square inches in any 100 square feet of ceiling area. Install with a minimum separation of 4 feet between units. Maintain a minimum 1 inch space between the edge of the fixture and closest structural member.

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

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

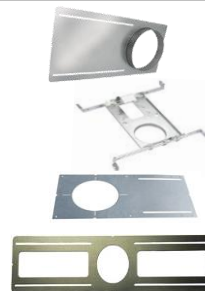
Qty: \_\_\_\_\_

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

SPECIFICATION	
Applications	Multi-Family Residential, Basements & Commercial
Energy Used	12 W
Color Temperature (K)	2700 - 3000 - 3500 - 4000 - 5000
Light Output (lm)	1210 - 1230 - 1230 - 1220 - 1180
Halogen Equivalent	120 W
Beam Angle	110°
CRI	90+
Driver Input	120V AC 50/60 Hz
Dimming	TRIAC Dimmers 10% - 100%
Junction Box Volume	9.69 cubic inches / Max 5 No 12 AWG or 8 No 14 AWG
Approved Location	Insulated Ceiling & Wet Locations
Cable	FT6 / CMP Plenum Rated
Air Tight & Type IC	Yes
Ambient Temperature	-4°F (-20°C) to +104°F (+40°C)
Projected Life	70% Light Output at 50,000 Hours
Certification	cETLus
Fire Rating	UL 263-2011(R2022), STM E119-20 & CAN/ULC-S101-14
Warranty	3 Year



ACCESSORIES Sold Separately



[1 1/4" Flanged Rough-In Plate model # MP6-114FR](#)

[Flanged Plate with Hanger Bars - model # FRP6](#)

[13" Mounting Plate Flat model # MP6-2](#)

[26" Flat Rough-In Plates model # RIP6](#)



[Jumper Cable 10 ft. 5 CCT Model # FR-JC-5CCT-10](#)

[Emergency Driver 8W 120-347V BLD-HM08D-YYY](#)

### Lotus LED Lights USA

250 H Street # 301, Blaine WA 98230 tel 360-200-5500  
Hainesport NJ, Naples FL, Vancouver WA

### [www.LotusLEDLights.com](http://www.LotusLEDLights.com)

mailing addresses  
warehouses

### Lotus LED Lights CANADA

1080 Cliveden Ave # 6, Delta BC V3M 6G6 tel 604-538-3090  
Delta BC & Mississauga ON