

## SSL SERIES

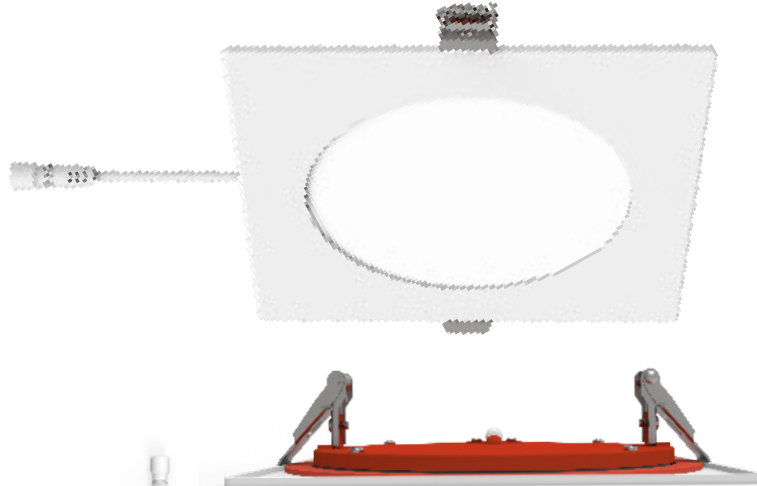
RESIDENTIAL LIGHTING

SSL6-G2-MCT5-FR

6" Square Fire-Rated Edge-Lit Slim Recessed Light



# MCT



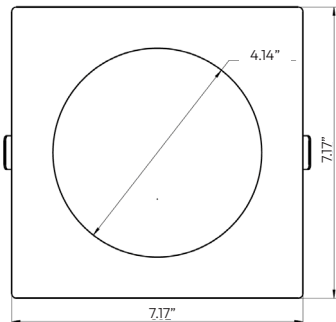
Side View



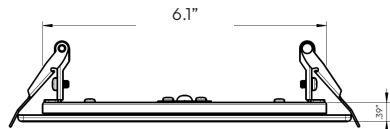
Back View



Lens View



Technical Drawing: 4.14" (D) x 7.17" (W) x .39" (H)



The SSL6-G2-MCT5-FR is a 6-inch square slim recessed LED downlight featuring an integrated 2-hour fire-rated housing that preserves the fire resistance of ceiling assemblies without additional housings. The edge-lit optical system provides uniform light distribution while the 5CCT selectable feature allows installers to choose the color temperature on site. Its ultra-slim design and remote junction box enable quick installation in residential, multifamily, and light commercial environments

Customer Name:

Project Name:

Note:

Type:

### FEATURES:

- 2-Hour Fire Rated construction (UL 263)
- Fire-resistant back plate maintains ceiling fire barrier
- IC rated for insulated ceilings
- Wet location rated
- Field selectable 5CCT
- Edge-lit design for smooth, glare-reduced illumination
- ETL listed and ENERGY STAR certified
- 50,000 hour rated life
- 5-year warranty

## SPECIFICATIONS:

### ELECTRICAL:

- Input Voltage: 120VAC, 50/60Hz
- Wattage: 12W
- Dimming: TRIAC dimming (10%-100%)
- Integrated LED driver with remote junction box
- Operating Temperature: -4°F to 104°F

### MECHANICAL:

- Square slim recessed trim design
- Ceiling Cutout: 6"
- Ultra-thin housing for shallow ceiling installations
- Heavy-duty steel spring clips
- Remote junction box with plenum-rated cable connection
- Airtight construction
- Trim Finishes: White, Black, Satin Nickel
- Indoor or covered outdoor use only. Direct UV exposure may cause discoloration or material degradation within 1 to 3 years in high-UV environments, coastal, or high-altitude areas

### LIGHTING:

- Lumen Output: 1200LM
- Color Temperature: 5CCT selectable (2700K / 3000K / 3500K / 4000K / 5000K)
- CRI: ≥80
- Beam Angle: 108°
- Edge-lit LED technology with light guide plate for uniform illumination

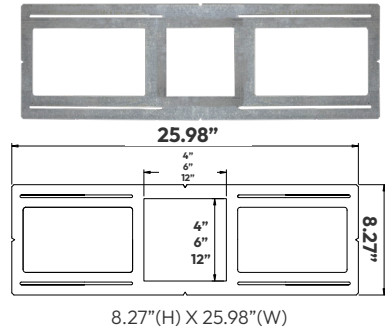
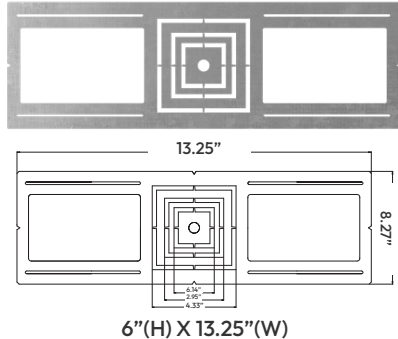
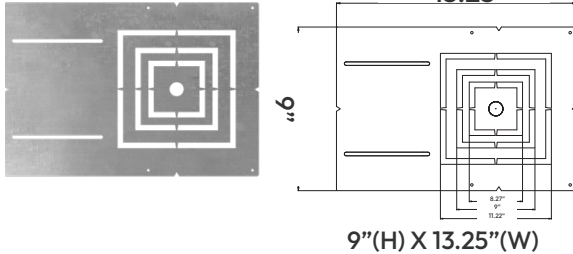
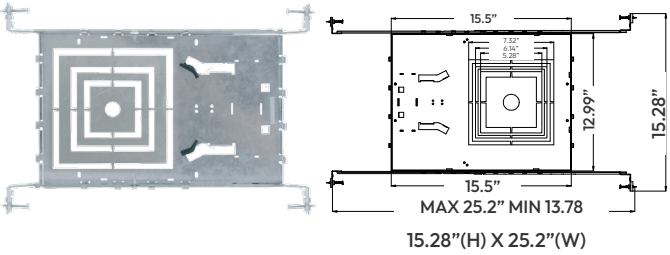
### APPLICATIONS:

- Fire-rated ceiling assemblies (IC-rated applications)
- Shallow plenum or restricted ceiling spaces
- New construction, remodel, and retrofit installations
- Residential (living rooms, kitchens, hallways)
- Multifamily housing and apartments
- Hospitality (hotels, corridors, guest rooms)

## PERFORMANCE TABLE

| MODEL NO.       | WATTAGE | VOLTAGE  | LUMENS | COLOR TEMP.                               | LPW |
|-----------------|---------|----------|--------|-------------------------------------------|-----|
| SSL6-G2-MCT5-FR | 12W     | 120-277V | 1200LM | 2700K<br>3000K<br>3500K<br>4000K<br>5000K | 100 |

## FACTORY-INSTALLED OPTION:

| MODEL NO.     | DESCRIPTION                                                                             | IMAGE                                                                                                        |
|---------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| OPT-EM -RSL   | External emergency backup, remotely wired to the driver box, up to 19W emergency output |                           |
| SSL6-RI       | Square Rough-in Plate, 26" Long                                                         | <br>8.27"(H) X 25.98"(W)  |
| SSL-346-RI    | New Construction Recessed LT Mounting Plate 6" Hole With Hanger Bars                    | <br>6"(H) X 13.25"(W)    |
| SSL-346-RI-13 | 3", 4", 6 Square Rough-in Plate, 13" Long                                               | <br>9"(H) X 13.25"(W)    |
| SSL-568-RIBH  | 5", 6", 8" (Adjustable) Square Galvanized plate with Bar Hangers                        | <br>15.28"(H) X 25.2"(W) |

| MODEL NO. | DESCRIPTION                                                                                                                               | IMAGE                                                                              |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| ELB-0895  | Field-installed emergency ballast for all LED recessed trims;<br>Input voltage: 100-277VAC, 50-60Hz;<br>Output: 8W Maximum for 90 minutes |  |