

RSL SERIES

RESIDENTIAL LIGHTING

RSL6-G2-MCT5-FR

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



MCT

Customer Name: _____

Project Name: _____

Note: _____

Type: _____

FEATURES:

- 2-Hour Fire Rated construction (UL 263)
- IC rated for insulated ceilings
- Wet location rated
- 5CCT selectable color temperature
- Edge-lit design reduces glare and provides even light distribution
- ETL listed and ENERGY STAR
- 50,000 hour rated life
- 5-year warranty

SPECIFICATIONS:

ELECTRICAL:

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

MECHANICAL:

- Round slim recessed trim
- Ceiling Cutout: 6"
- Ultra-thin profile for shallow ceilings
- Heavy-duty steel spring clips for installation
- Remote junction box with plenum-rated cable
- 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)



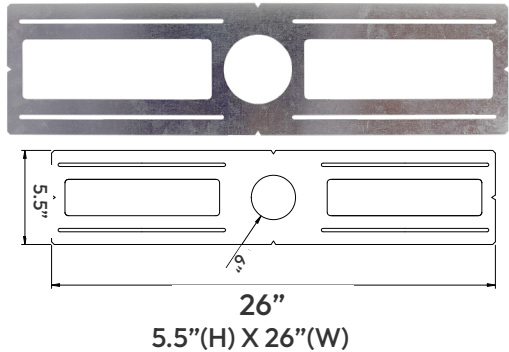
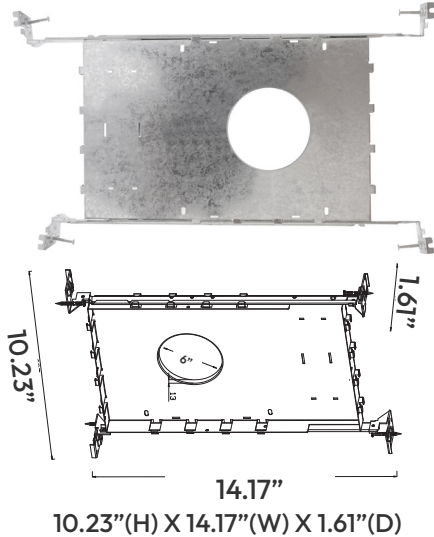
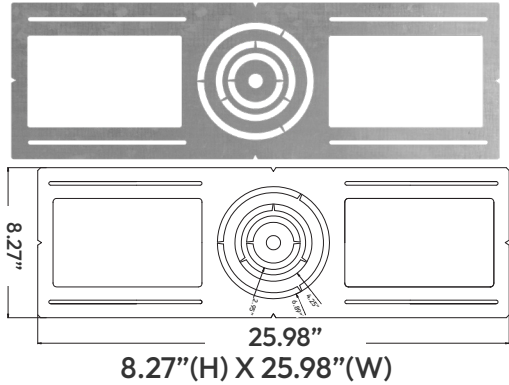
Technical Drawing: 5.12" (D) x 7.17" (W) x .39" (H)

The RSL6-G2-MCT5-FR is a 6-inch ultra-slim recessed LED downlight designed with an integrated 2-hour fire-rated housing that helps maintain the fire resistance of ceiling assemblies. Its edge-lit optical system delivers smooth, uniform illumination while the 5CCT selectable feature allows installers to choose the desired color temperature on site. The slim canless design with remote junction box enables quick installation in residential and multifamily applications where fire safety compliance is required.

PERFORMANCE TABLE

MODEL NO.	WATTAGE	VOLTAGE	LUMENS	COLOR TEMP.	LPW
RSL6-G2-MCT5-FR	12W	120-277V	1200LM	2700K 3000K 3500K 4000K 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	
RSL6-RI	Round Rough-in Plate, 26" Long	 26" 5.5"(H) X 26"(W)
RSL6-RIBH	New Construction Recessed LT Mounting Plate 6" Hole With Hanger Bars	 10.23"(H) X 14.17"(W) X 1.61"(D)
RSL-346-RI	3", 4", 6" Round Rough-in Plate, 26" Long	 25.98" 8.27"(H) X 25.98"(W)

MODEL NO.	DESCRIPTION	IMAGE
RSL-346-RI-13	3", 4", 6 Round Rough-in Plate, 13" Long	
ELB-0895	Field-installed emergency ballast for all LED recessed trims; Input voltage: 100-277VAC, 50-60Hz; Output: 8W Maximum for 90 minutes	