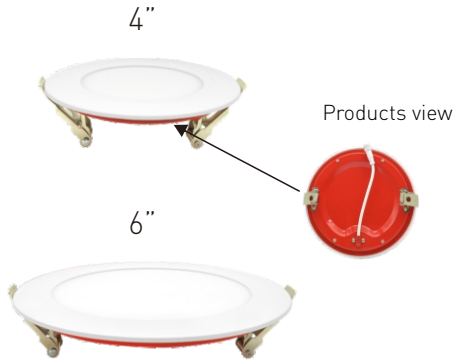




Fire Rated LED Round Slim Panel



Date:..... Location:

Product:..... Project:.....

Quantity:..... Catalog#

FEATURES

- 4" and 6" 5CCT slim fire-rated recessed downlights
- Eliminates the need for traditional recessed cans and junction boxes
- Tool-free installation with snap-in torsion springs
- Shatter-resistant diffuser with low-glare optics
- 120V Triac dimmable (100% – 10% smooth dimming)
- 2-hour fire resistance rating (code-compliant for fire-rated ceilings)

SUITABLE APPLICATIONS

- Commercial offices
- Conference rooms
- Retail stores
- Restaurants and hospitality spaces

CONSTRUCTION:

Fire-rated downlights, code compliant for fire-rated building installations, 2-hour maximum fire resistance rating. Blocks flame spread, ideal for fire-rated construction ceiling lighting.

OPTICAL SYSTEM:

Super Bright 2835 LEDs. High Transmission PC cover. 120° beam angle.

WARRANTY:

5-year limited warranty. Actual performance may differ as a result of end-user environment and application.

ELECTRICAL:

120V AC Input. PF ≥ 0.9. Flicker-Free. Operating Temperature: -20°C ~ 45°C. This fixture is built with the highest quality 120V drivers, ensuring energy efficiency.

INSTALLATION&MOUNTING:

Different open hole size. Flash mounting with clips for easy installation. No existing recessed housing or junction box required. Suitable for most new constructions. Install J-Box in ceiling beam, and insert light right into drywall opening.

DIMMING:

Compatible with most triac dimmers to give user a smooth 100%-10% dimming to choose the desired brightness. Please check the recommended dimmer list in the table below.

Dimmable design with verified compatibility with dimmers from top-tier brands Lutron and Leviton.

RECOMMENDED DIMMERS

LUTRON	LUTRON	LUTRON	LUTRON	LEVITON	LEVITON
TG-600PR-WH	TGCL-153PH-LA	SCL-153PH-VH	PD-6WCL	6672	RNL06
S-600PR-WH	SVL-600P-AL	DVCL-153P	MSCL-OP153M	6674	IPL06
CTCL-153PDH-WH	DV-600PR-WH		MACL-153M/MA-R	DSL06	

Fire Rated LED Round Slim Panel



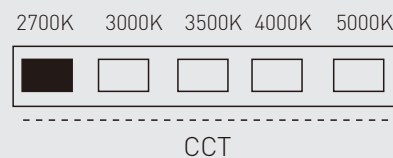
PERFORMANCE

Model NO	PFC	Wattage	dimmable	Size	Voltage/Current Input	Light Efficiency	Tunable CCT
					120V		
4EJCT09SR05-FR	>0.9	9W	120V Triac dimming	4inch	0.29A	80LM/W	27K/30K/35K/40K/50K
6EJCT15SR05-FR	>0.9	15W	120V Triac dimming	6inch	0.45A	80LM/W	27K/30K/35K/40K/50K

Electric Characteristic

Specification/Model	4EJCT09SR05-FR	6EJCT15SR05-FR
LED Driver	UL Driver	
Input power	9W	15W
Lumens output	720LM	1200LM
Efficiency	80LM/W	80LM/W
CRI	>80	>80
Color Temperature	27K/30K/35K/40K/50K	27K/30K/35K/40K/50K
Input voltage	120AC	120AC
Light distribution type	120D	120D
Working temperature	-20+45°C	-20+45°C
Junction temperature	<75°C	<75°C
lamps efficiency	≥90%	≥90%
Certificate	ENERGY STAR ETL cETL	
Equivalent	18-27W MH/HPS	27-45W MH/HPS

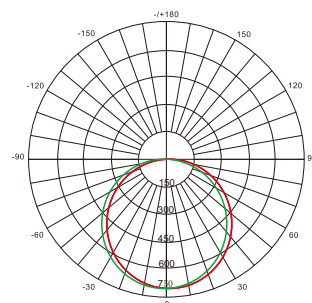
OPTIONAL ACCESSORIES



CCT tunable Function

DISTRIBUTION DIAGRAM

4EJCT09SR05-FR



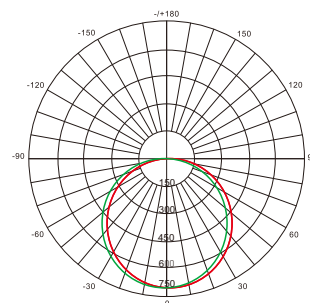
AVERAGE BEAM ANGLE(50%): 120°

UNIT:CD

Test Number:K0K-4EJ09XXSR
Lumens:630LM
Test Number:9W
Test Number:5000K

— C0/180,110.9
— C30/210,110.5
— C60/240,109.3
— C90/270,109.1

6EJCT15SR05-FR



AVERAGE BEAM ANGLE(50%): 120°

UNIT:CD

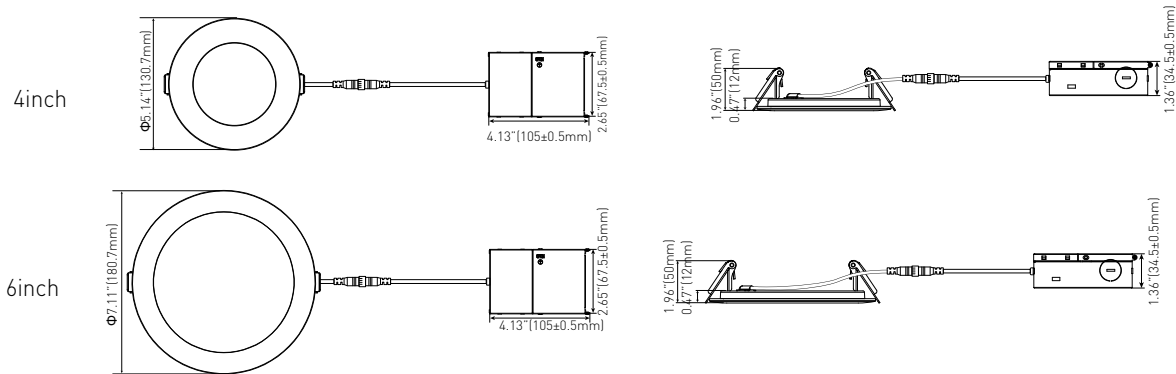
Test Number:K0K-6EJ12XXSR
Lumens:960LM
Test Number:12W
Test Number:5000K

— C0/180,110.9
— C30/210,110.5
— C60/240,109.3
— C90/270,109.1

5CCT Slim Round Downlights



DIMENSION

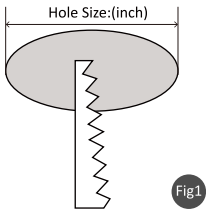


Installation Steps:

STEP1:

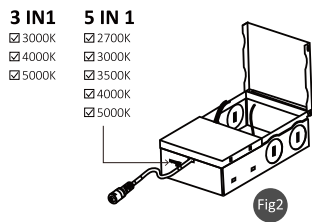
Turn off power at the circuit breaker. Cut the ceiling opening to the specified diameter according to the fixture size

Fixture Size	3"	4"	6"	8"	12"
Hole size	2 63/64 inches	4 21/64 inches	6 19/64 inches	8 5/64 inches	11 1/32 inches



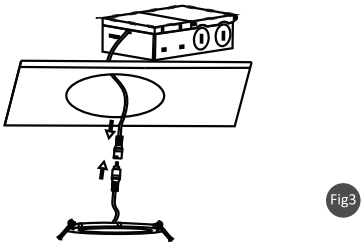
STEP2:

Open the junction box, connect the power cable, as shown in Fig 2.



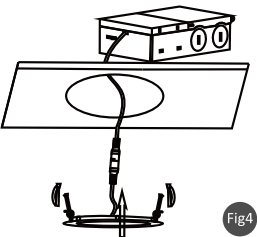
STEP3:

Connect the fixture with power cable and the junction box, as shown in Fig3.



STEP4:

Install the fixture to ceiling surface, as shown in Fig4.



STEP5:

Turn on the power after installation, check the fixture can work well, as shown in Fig5.

