

5CCT Square Slim Downlight

Date:..... Location:

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

Quantity:..... Catalog#



FEATURES

- 4"6" 5CCT square design downlight, 27K/30K/35K/40K/50K
- Edge-lit technology, with no glare or dark spots
- Smooth dimming from 100% to 10% with many Triac Dimmers
- Instant on No flickering.
- 120V Triac dimming

SUITABLE APPLICATIONS

- Office Lighting
- Meeting room lighting
- Store lighting
- Restaurant lighting



CONSTRUCTION:

Aluminum alloy housing, Steel-encased, separated LED driver

ELECTRICAL:

120V input. PF≥0.9 Flicker Free. -20°C to 45°C. Compatible with most triac dimmers to give users a smooth 100%-10% dimming to choose the desired brightness. Please check the recommended dimmer list in next page.

OPTICAL SYSTEM:

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

INSTALLATION & MOUNTING:

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.

WARRANTY:

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

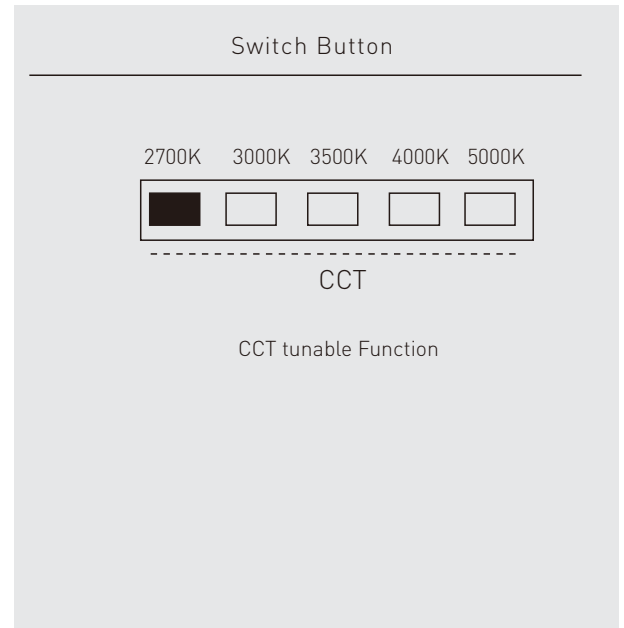
PERFORMANCE

Model NO	PFC	Wattage	dimmable	Size	Voltage/Current Input	Light Efficiency	Tunable CCT
					120V		
4EJCT09SS05	>0.9	9W	120V Triac dimming	4inch	0.075A	80LM/W	27K/30K/35K/40K/50K
6EJCT12SS05	>0.9	12W	120V Triac dimming	6inch	0.1A	80LM/W	27K/30K/35K/40K/50K

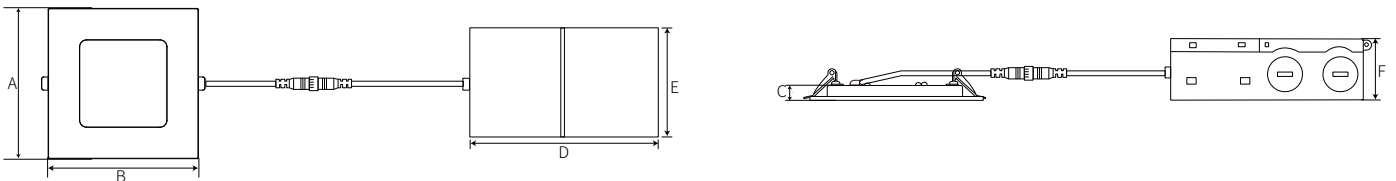
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Electric Characteristic

Specification/Model	4EJCT09SS05	6EJCT12SS05
LED Driver	UL Driver	
Input power	9W	12W
Lumens output	720LM	960LM
Efficiency	80LM/W	80LM/W
CRI	>90	>90
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	27-36W MH/HPS

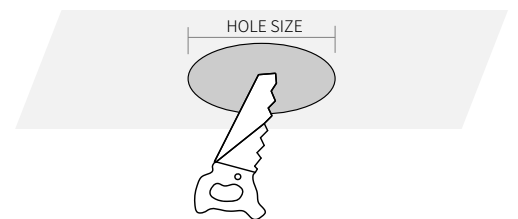


DIMENSION



SIZE	A	B	C	D	E	F
4inch	4.96"(126mm)	4.96"(126mm)	0.49"(12.45mm)	4.73"(120.1mm)	2.77"(70.4mm)	1.34"(34.1mm)
6inch	6.93"(176mm)	6.93"(176mm)				

SIZE	HOLE SIZE
4inch	4 21/64"(110mm)
6inch	6 19/64"(160mm)

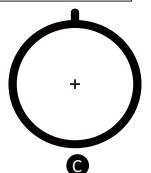
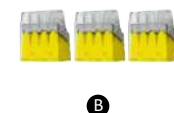
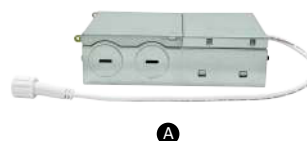


RECOMMENDED DIMMERS

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

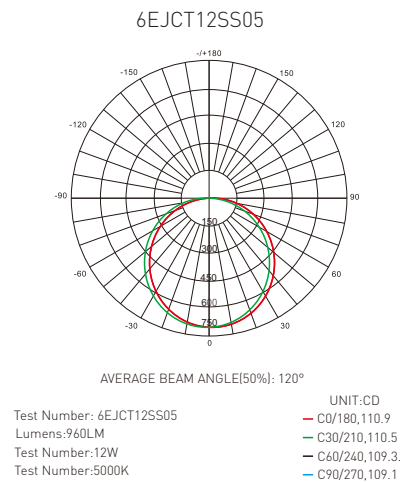
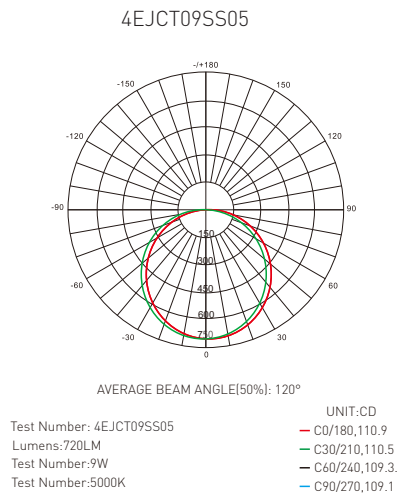
ACCESSORIES

PART	DESCRIPTION	QUANTITY
A	J-Box driver	1
B	Connector	3
C	Hole cutout card	1



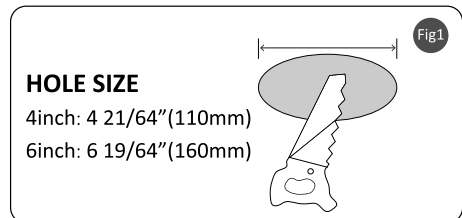
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DISTRIBUTION DIAGRAM

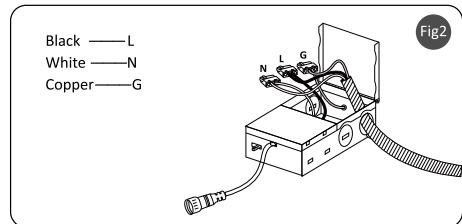


INSTALLATION STEPS

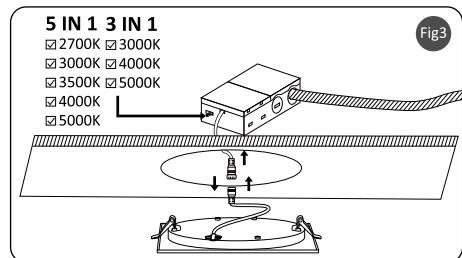
1. Turn off the power before installation. Remove the existing fixture if applicable. Determine the location and necessary hole cut out diameter using the supplied table and cut the ceiling hole with the listed approximate diameter, see Fig1



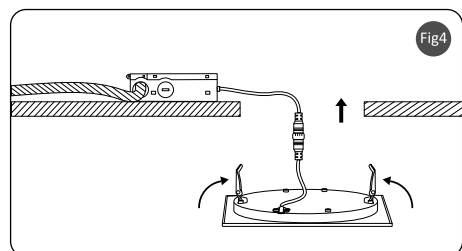
2. Open the J- Box cover and remove the appropriate knockout(s) on the side panel. install the appropriate cable clamp(s) (not included) and insert the electrical supply cable through the cable clamp. Connect the supply wires to the fixture wires by using 3 connectors. Attach white to white, black to black, copper to the ground wire, see Fig2



3. Insert j-Box through the mounting hole firmly, connect the fixture power cable to the J-Box. Select lamp color desired with the CCT switch, see Fig3.



4. Push the spring-loaded clips into the mounting hole upwards and insert the fixture into it. Release the clips and the fixture will be pulled flush to the ceiling see Fig4.



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5. Turn on the power after installation, check the fixture if works well, see Fig5

