



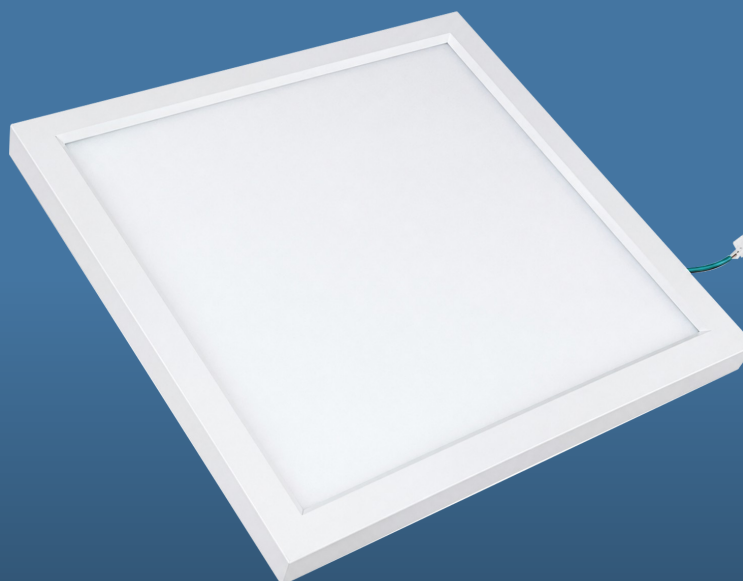
LED Slim Panel Light - Square

DESCRIPTION

Jaykal's Slim LED Panel Light is a sleek, low-profile luminaire engineered to deliver bright, uniform illumination with excellent energy efficiency and visual comfort. Its slim design is ideal for applications where ceiling depth is limited while providing a clean, modern appearance that complements a wide range of commercial interiors.

FEATURES

- 4 Size Options
- 120Vac, 50/60Hz
- CCT: 5 Selectable CCTs, 2700K/3000K/3500K/4000K/5000K
- TRIAC dimming available
- 5-Year Standard Warranty



Revised 8/27/2026

Specifications are typical values and may change without notification



JAYKAL
efficiency. illuminated

Slim LED Panel Light Square SS Series

SPECIFICATIONS				
Model	JLS-SS			
Input Voltage	120-277V AC 50/60Hz			
Size	5 Inch	7 Inch	9 Inch	12 Inch
LED Model NO.	2835			
Wattage	6W	12W	18W	24W
Efficacy	> 65lm/W			
Lumens	400Lm	900Lm	1300Lm	1900Lm
L70 Hours	> 50,000Hours, B50			
Power Factor	> 0.9, @120VAc			
Driver	Constant current driver, Suitable Triac - Dimming			
CRI	> 80			
THD	≤ 20%			
Protection	Integral short circuit, open circuit, and overload protection			
Flicker	≤ 10%			
CCT	CCT: 5 Selectable CCTs, 2700K/3000K/3500K/4000K/5000K			
Operational TEMP.	-20°C (-4° F) to 50°C (122° F)			
Lens	Frosted Polystyrene			
Housing Material	Steel			
UL Rating	Damp Location			
FCC	FCC 47 CFR Part 15 Compliant			
Warranty	5 Years Standard			

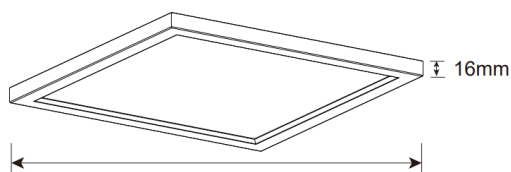
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efficiency. illuminated.



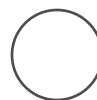
		ORDERING GUIDE				JLS –SS-7-12-MCCT-N		
Model	-	Size	-	Watts	-	CCT	-	Option
JLS-SS		5 = 5 inch		6 = 6w		MCCT: 2700K/3000K/3500K/4000K/5000K		N= None EM=Emergency Backup
		7 = 7 inch		12 =12W				
		9 =9 inch		18 =18W				
		12 =12 inch		24 =24W				

Line Drawing



Size	Dimension
5 inch	145 mm
7 inch	180 mm
9 inch	220 mm
12 inch	305 mm

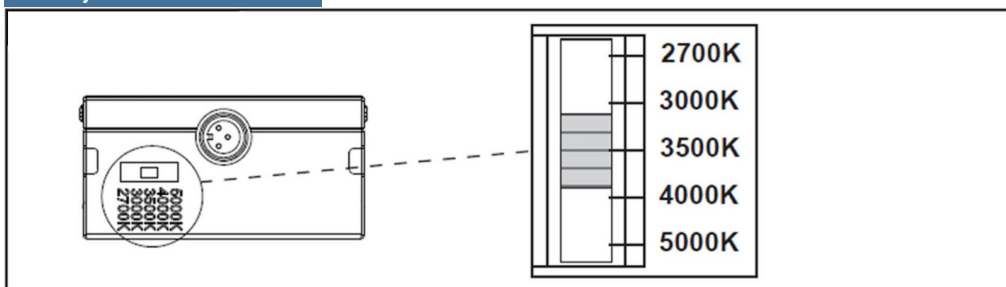
Finished



Finish	Code
White	WH

Single Wattage Version

Field Adjustable CCT



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Dimmer List			
Brand	Dimmer	Model	
Lutron	Illuma Tech	IPL06-107	
	Sure Slide	6672-1LM	
	Decora	DLS06-1LZ	
	Ariadni CL	TGCL-153P	
Leviton	Maestro CL	MACL-153M	
	Skylark Contour	CTCL-153P	
	Caseta PD	6WCL	
	Sure Slide	6674-POW	

Installation



Figure 1

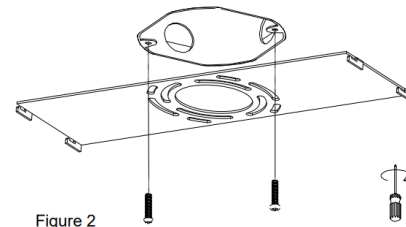


Figure 2

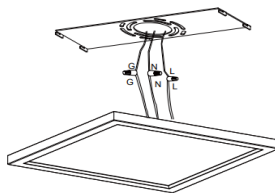


Figure 3

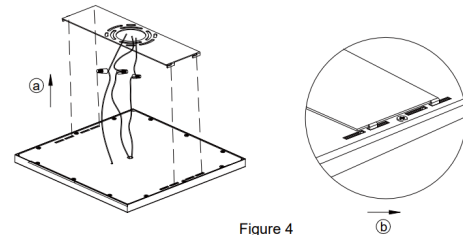
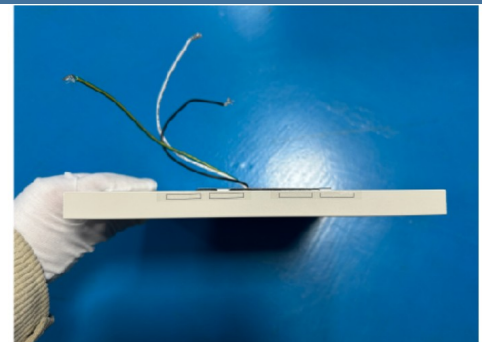


Figure 4

Application



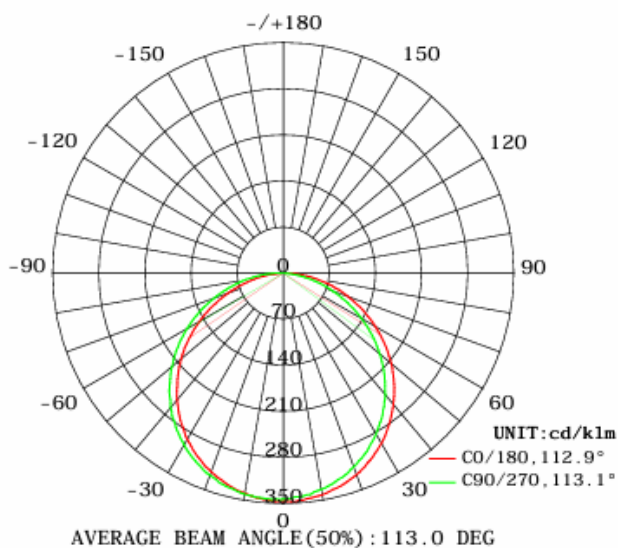
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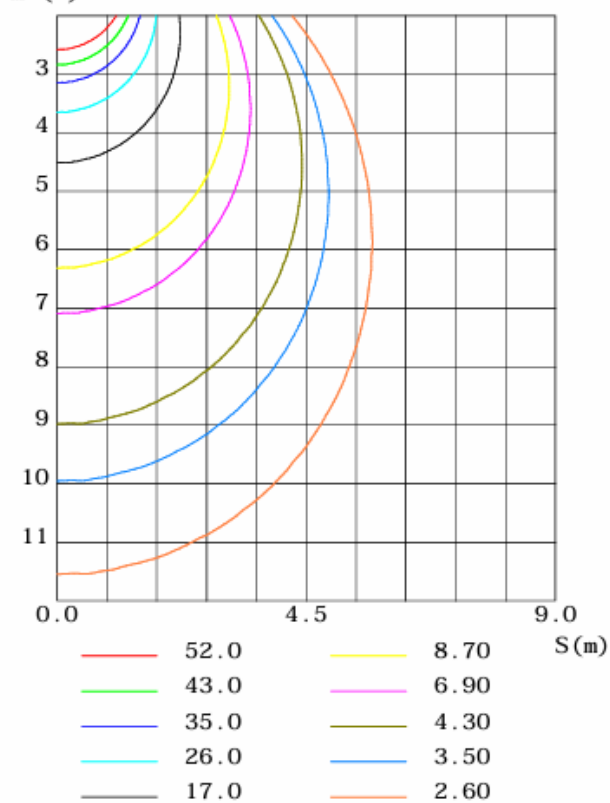
OPTICAL DISTRIBUTION

DATA OF LAMP			PHOTOMETRIC DATA			Eff: 75.74 lm/W
MODEL			I _{max} (cd/klm)	347.3	S/MH (C0/180)	1.28
NOMINAL POWER(W)	22		LOR(%)	100.0	S/MH (C90/270)	1.23
RATED VOLTAGE(V)	120		TOTAL FLUX(lm/klm)	1000.0	η UP, DN (C0-180)	0.1, 47.9
NOMINAL FLUX(lm)	1712.69		CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 51.9
LAMPS INSIDE	1		η up(%)	0.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	119.6		η down(%)	99.8	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



CO PLANE ISOLUX DIAGRAM (UNIT: lx/klm)



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