



2x2 LED Frame Panel Light, 48W, 5000K, 4800lm, Flicker Free

- Delivers 4800 lumens at 48W for 100 lm/W luminous efficacy
- Uses SMD2835 LED chips for uniform illumination and color rendering
- Isolated driver with 0.9 power factor for stable, efficient operation
- Flicker-free operation reduces visual fatigue in occupied spaces
- Rated for 50,000 hours of LED lifetime
- Operates on 120-240V input voltage

OVERVIEW

The 9-P2x2-F48-5K is a 2x2 LED frame panel light designed for commercial and residential ceiling applications, including offices, retail spaces, and drop-ceiling grid installations. It operates at 48W and delivers 4800 lumens at 5000K (daylight), yielding a luminous efficacy of 100 lm/W.

The fixture uses SMD2835 LED technology for uniform illumination and accurate color rendering. An isolated driver provides stable electrical performance, and the 0.9 power factor supports efficient electricity utilization. The light operates flicker-free, reducing visual fatigue in occupied spaces, and runs on a 120-240V input with a rated LED lifetime of 50,000 hours.

SPECIFICATIONS

OPTICAL		ELECTRICAL	
Luminous Flux	4,800 lm	Operating Voltage	120-240 V
Efficacy	100 lm/W	Wattage	48 W
Color Temperature	5,000 K	Device Type	LED Frame Panel Light
LED Chip Type	SMD2835		
LED Lifetime	50,000 h		

ORDERING

Warranty	1 y
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APPLICATIONS

- Drop-ceiling grid installations
- Office lighting
- Retail space lighting
- Commercial ceiling fixtures

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	4,800 lm	pdf	high
efficacy_lm_per_w	100 lm/W	pdf	high
cct_k	5,000 K	pdf	high
led_chip_type	SMD2835	pdf	high
led_lifetime_h	50,000 h	db	high
operating_voltage	120-240 V	db	high
wattage	48 W	db	high
device_type	LED Frame Panel Light	pdf	high
warranty_years	1 y	db	high

Specifications subject to change without notice.