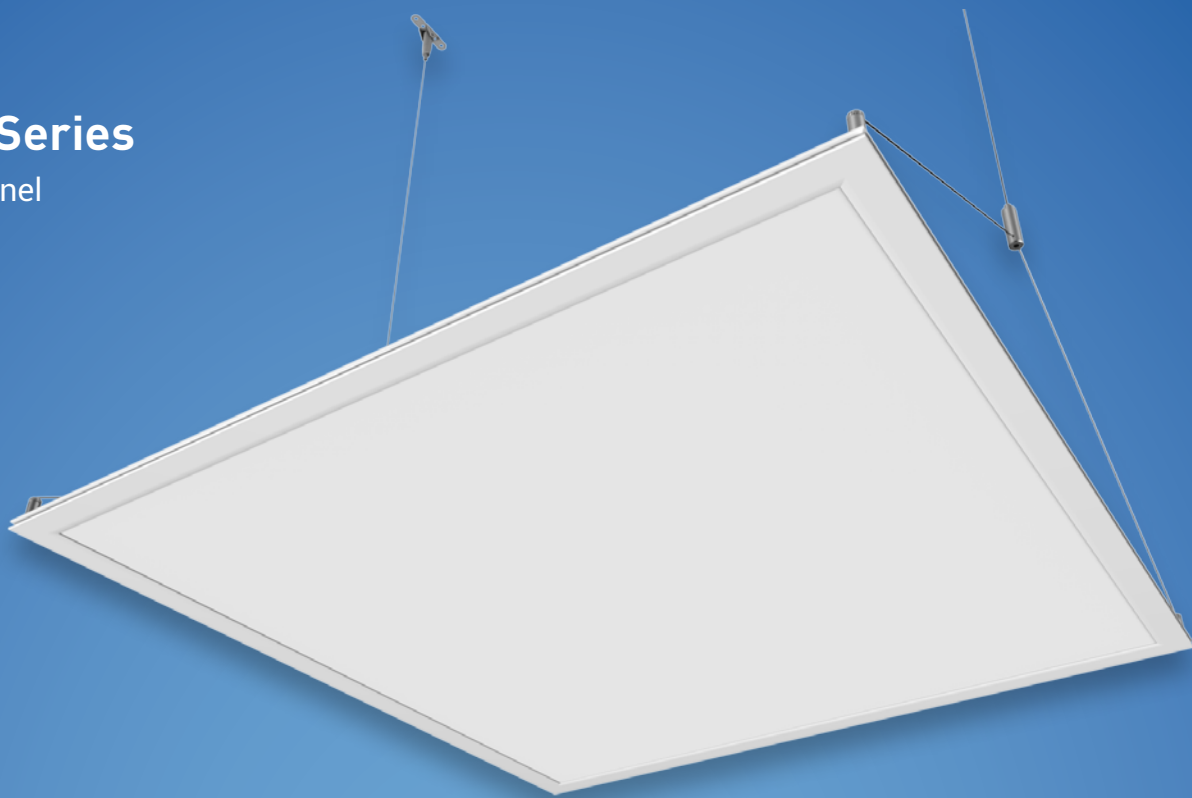


Cree® FP Series

FP LED Flat Panel



STYLISH, ULTRA-THIN EDGE-LIT DESIGN DELIVERS SOFT, LOW-GLARE ILLUMINATION

Improved Light Experience

The FP Series flat panel luminaires deliver a fully luminous panel of soft, visually comfortable light. The optically efficient edge-lit design distributes perfectly uniform light, improving spaces previously lit with outdated fluorescent luminaires.

Payback That Actually Helps Improve the Bottom Line

Offering outstanding 100 LPW efficiency at a superior value that delivers a payback time of less than 2 years when compared against T5 fluorescent luminaires, the FP LED flat panel is a perfect upgrade option against short-lived, flickering fluorescent solutions. In addition, DALI integrated dimming controls can drastically reduce wattage per meter squared and enable individual fixture control along with two-way communication for a more personalized lighting experience.

Amazingly Thin Design

At just 8.8mm thin, the FP Series flat panel design allows for installation into any plenum regardless of space and enables suspended mounting to create a more stylish environment.

Refined Low-Glare Optics

The low-glare optics of the FP Series are designed to meet the strict UGR standards by delivering a <19 UGR rating, making it perfect for any commercial office or school application.

CREE  TM

CREE® FP SERIES LED TROFFER

The fully luminous flat panel design of the FP Series transforms any space into a modern, visually comfortable environment with soft, balanced light. The remarkably thin 8.8mm depth of the FP Series luminaires easily accommodates narrow plenums, or can be suspended for a more stylish look. The FP Series LED flat panel come in both 2x2 (60x60cm) and 1x4 (30x120cm) configurations and deliver up to 3400 lumens of highly efficacious 100 lumens per watt light with great color quality. The enhanced optics enable the FP Series to meet strict low-glare requirements, delivering <19 UGR for an improved lighting experience. The DALI dimming control option also delivers a more personalized lighting experience by allowing more individual control for increased energy savings.

PERFORMANCE SUMMARY

Efficacy: Up to 100 LPW
Delivered Light Output: Up to 3400 lumens*
Dimensions: 596 x 596 mm, 295 x 1195 mm
Input Power: 34 watts
CRI: >80
CCT: 3000K, 4000K
Input Voltage: 100-240Vac, 50/60Hz
Lifetime: Designed to last for 50,000 hours L70 @ 25°C
Limited Warranty: 3 years**
Controls: DALI or non-dimmable
Regulatory: CE and RoHS compliant
Mounting: Recessed or suspended
Ingress Protection: IP40
Operating Temperature: -15°C to 40°C

CONSTRUCTION & MATERIALS

- Solid aluminum frame provides strength and uniformity
- Ultra-thin 8.8mm fixture height and design effectively target a broad range of plenum spaces and allow for easy installations
- Luminaire is finished with a soft matte white paint
- Provided t-bar clips and tabs for mounting support wires enable recessed or suspended installation
- Frosted polycarbonate lens for non-pixelated appearance



APPLICATIONS



Corporate Campus

Cree® fixtures create appealing visual environments to help impress visitors and enable employees. Clean lines and balanced light distribution promote greater employee productivity while attractive pricing and impressive energy and maintenance savings color the bottom line green.



Education

Cree® LED lighting provides classrooms with exceptional clarity and consistent full-spectrum lighting without the flicker and glare to help minimize fatigue, encourage alertness and help students read and take notes with ease.



Healthcare

Soft, balanced lighting fosters a restful treatment and recovery environment. Efficient, dimmable and available in a variety of colors, Cree LED lighting produces a tranquil environment with quiet ceilings that provide a calm, soothing atmosphere for both patients and families.



Retail/Petroleum

Cree LED lighting helps attract customers inside and out. The exceptional color quality plays a critical role in shaping consumer moods and influencing buying decisions by creating an appealing sales floor and ensuring your merchandise is always rich and colorful.

*3200 lumens at 3000K

** See www.cree.com/lighting for warranty terms

Visit cree-europe.com or contact a Cree lighting representative to learn more

info.europe@cree.com | +39 055 343081

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