Panel LED Emergency Driver, 2x2 Backlit Panel, 20-40 W Selectable, 120-277 VAC, 0-10 V Dimming

- 125 lm/W efficacy with isolated, flicker-free driver
- DIP-selectable 20, 25, 30, 35 and 40 W output
- Five-CCT selection: 3000 K, 3500 K, 4000 K, 5000 K, 6000 K
- Lithium-ion emergency battery with 1.5-hour discharge time
- Self-diagnostic 30-second monthly and 90-minute annual tests
- UL listed, tested to UL924, 5-year limited warranty

OVERVIEW

The LUMIPRO PB Series is a 2'x2' backlit LED flat panel with an integrated emergency driver, sized at 603 × 603 × 37 mm for suspended ceiling grids in offices, schools, healthcare corridors and retail interiors where code-required egress illumination is part of the lighting layout.

Output is field-configurable by DIP switch across 20, 25, 30, 35 and 40 W and five correlated color temperatures from 3000 K to 6000 K, with 125 lm/W efficacy, CRI 80 and a 120-degree distribution. The isolated, flicker-free driver accepts 120-277 VAC and supports 0-10 V dimming. SMD2835 LEDs are rated for 50,000 hours in an aluminum housing with a white finish, IP20, for dry indoor locations. The emergency driver uses a lithium-ion battery with a 1.5-hour discharge, 24-hour recharge and self-diagnostic 30-second monthly and 90-minute annual tests.

UL listed and tested to UL924 requirements, backed by a 5-year limited warranty.

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SPECIFICATIONS

OPTICAL

Luminous Flux	125 lm
Efficacy	125 lm/W
Color Temperature	3,000K / 3,500K / 4,000K / 5,000K / 6,000K
Selectable CCT	Yes
CRI	80
Beam Angle	120°
LED Chip Type	SMD2835
LED Lifetime	50,000 h
Light Color	White

ELECTRICAL

Operating Voltage	120–277 V
Wattage	40 W
Power Factor	0.9
Dimmer Type	0 - 10V
Driver	Isolated

MECHANICAL

Product Dimensions	603×603×37 mm
Finish	White
Material	Aluminum
Mounting	Wall/Pole Mount
Weight	1.54 lb

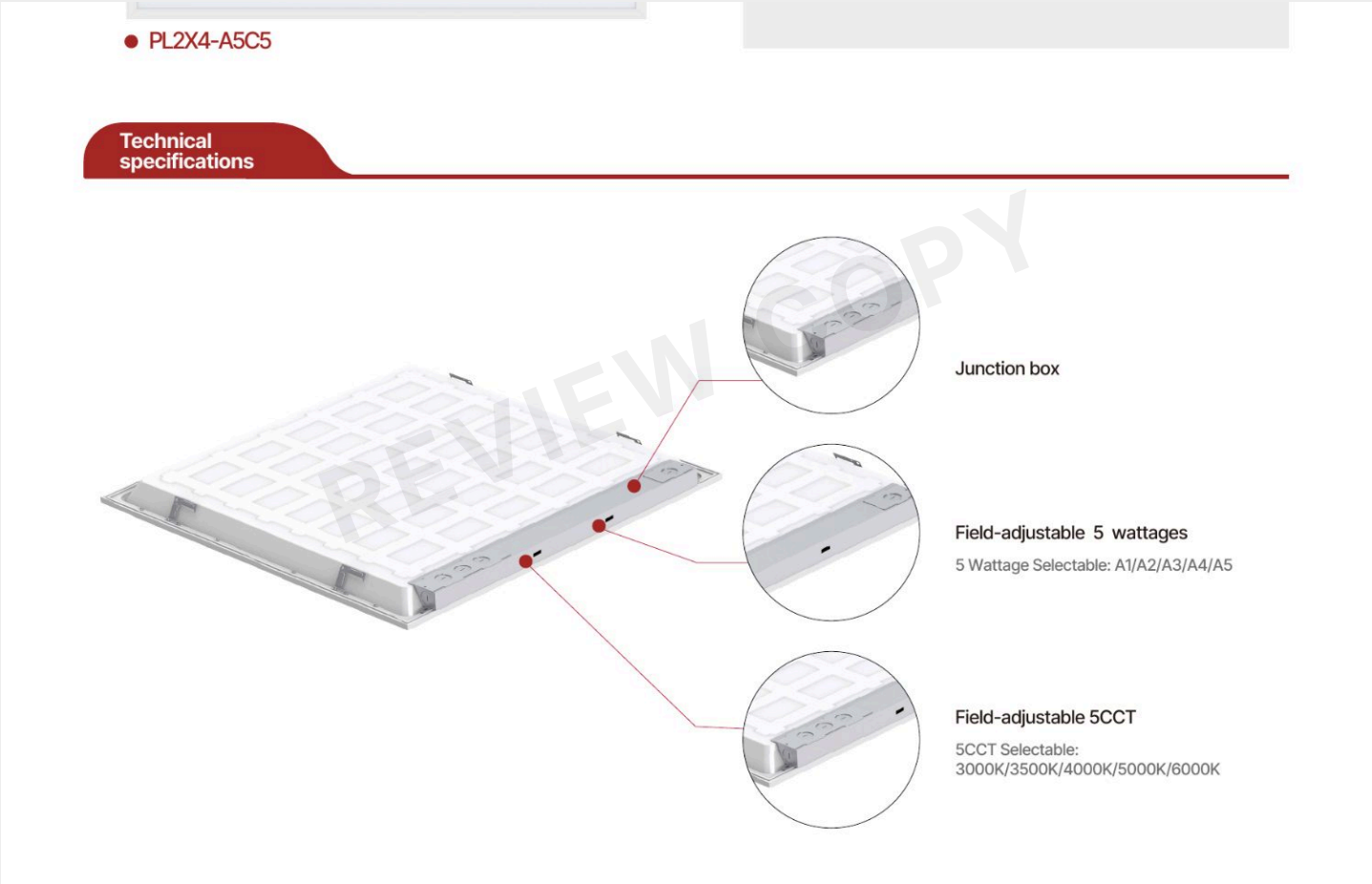
ORDERING

Warranty	5 y

ENVIRONMENTAL

IP Rating	IP20
Environmental Rating	Non-Waterproof
Ambient Operating Temperature	-10–45 °C 14–113 °F

DIMENSIONS & DIAGRAMS



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INSTALLATION

CERTIFICATIONS & COMPLIANCE

UL — UL Listed

DLC — DesignLights Consortium

ENERGY STAR — ENERGY STAR

APPLICATIONS

- Suspended ceiling grids in offices
- School classrooms and corridors
- Healthcare exam and treatment rooms
- Retail sales floors
- Code-required egress lighting zones

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	125 lm	pdf	high
efficacy_lm_per_w	125 lm/W	db	high
cct_k	3,000K / 3,500K / 4,000K / 5,000K / 6,000K	both	high
cct_selectable	Yes	db	high
cri	80	db	high
beam_angle_deg	120°	both	high
led_chip_type	SMD2835	db	high
led_lifetime_h	50,000 h	pdf	high
color	White	db	high
operating_voltage	120–277 V	pdf	high
wattage	40 W	pdf	high
power_factor	0.9	db	high
dimmer_type	0 - 10V	db	high
driver	Isolated	db	high
product_dimensions	603×603×37 mm	db	high
finish	White	db	high
material	Aluminum	db	high
mount_type	Wall/Pole Mount	db	high
weight	1.54 lb	pdf	high
ip_rating	IP20	db	high
environmental_rating	Non-Waterproof	db	high
ambient_temp_c	-10–45 °C	pdf	high
warranty_years	5 y	db	high

Specifications subject to change without notice.

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