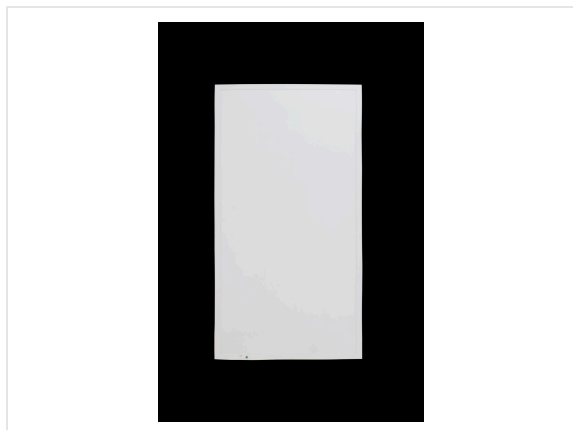




LED Flat Panel Light with Emergency Driver, 2'x4', 30-50 W Selectable, 5CCT, 0-10V Dimming

- Field-selectable output from 30 W to 50 W via DIP switch
- Five CCT settings spanning 3000 K to 6000 K at CRI 80
- 125 lm/W efficacy with power factor above 0.90
- Isolated driver with 0-10V dimming on 120-277 VAC input
- Emergency driver with self-diagnostic 30-second and 90-minute tests
- Aluminum housing, white finish, 603×1213×37 mm

OVERVIEW

The LUMIPRO PB Series is a 2'x4' backlit LED flat panel with an integral emergency driver, sized 603×1213×37 mm for lay-in grid ceilings in offices, schools, healthcare corridors and retail spaces where code-required egress illumination is part of the lighting design.

Wattage is field-selectable from 30 W to 50 W and correlated color temperature is switchable across 3000 K, 3500 K, 4000 K, 5000 K and 6000 K. The isolated driver delivers 125 lm/W at CRI 80 with a power factor above 0.90, operates on 120-277 VAC, and supports 0-10V dimming. Beam angle is 120 degrees, rated LED life is 50,000 hours, and the aluminum housing carries a white finish with an IP20, non-waterproof rating.

UL listed with a 5-year warranty.

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	0.95
Dimmer Type	0 - 10V
Driver	Isolated Driver

MECHANICAL

Product Dimensions	603×1213×37 mm
Finish	White
Material	Aluminum
Mounting	Wall/Pole Mount
Weight	1.54 lb

ORDERING

Warranty	5 y
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ENVIRONMENTAL

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

DIMENSIONS & DIAGRAMS

● PL2X4-A5C5

Technical specifications

Junction box

Field-adjustable 5 wattages
5 Wattage Selectable: A1/A2/A3/A4/A5

Field-adjustable 5CCT
5CCT Selectable:
3000K/3500K/4000K/5000K/6000K

INSTALLATION

CERTIFICATIONS & COMPLIANCE

UL

UL Listed

DLC

DesignLights Consortium

ENERGY STAR

ENERGY STAR

APPLICATIONS

Office lay-in grid ceilings

School classrooms and corridors

Healthcare egress corridors

Retail sales floors

Municipal and institutional buildings

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	0.95	db	high
dimmer_type	0 - 10V	db	high
driver	Isolated Driver	db	high
product_dimensions	603×1213×37 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.