



Color Tunable LED Backlit Panel Light, 2'x2', 20-40W Field Selectable, 5CCT 3000-6000K, 0-10V Dim

- Five field-selectable wattages from 20 W to 40 W via DIP switch
- Five selectable CCTs: 3000K, 3500K, 4000K, 5000K and 6000K
- Isolated flicker-free driver with power factor above 0.9
- Efficacy of 125 lm/W with 120-degree beam distribution
- SMD2835 LEDs rated 50,000 hours at CRI 80
- UL Listed, DLC and ENERGY STAR qualified with 5-year limited warranty

OVERVIEW

The LUMIPRO PB Series is a 2'x2' backlit LED flat panel with field-selectable wattage and correlated color temperature, intended for commercial ceilings in offices, schools, healthcare corridors and retail interiors. DIP switches set five wattage steps from 20 W to 40 W and five color temperatures of 3000 K, 3500 K, 4000 K, 5000 K and 6000 K, allowing one SKU to cover multiple ceiling zones.

The isolated flicker-free driver operates on 120-277 Vac with 0-10V dimming and a power factor above 0.9. Efficacy reaches 125 lm/W with a 120-degree beam spread and CRI 80 from SMD2835 diodes rated for 50,000 hours. The aluminum housing carries a white finish and is rated for dry location service from -10 °C to 45 °C.

UL Listed, DLC and ENERGY STAR qualified, backed by a 5-year limited 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

ELECTRICAL

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

MECHANICAL

Product Dimensions	47.8×11.9×1.5inches
Finish	White
Material	Aluminum
Mounting	Chains + Hooks
Weight	1.54 lb

ORDERING

Warranty	5 y
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ENVIRONMENTAL

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

Open-plan office ceilings

School classrooms and administrative areas

Healthcare corridors and exam rooms

Retail and showroom interiors

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
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	Flicker free	db	high
product_dimensions	47.8×11.9×1.5inches	db	high
finish	White	db	high
material	Aluminum	db	high
mount_type	Chains + Hooks	db	high
weight	1.54 lb	pdf	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.