



Project	
Notes	
Type	Date
Cat. No.	

BLP™ Series

LED Backlit Panel CCT & Wattage Adjustable

DESCRIPTION

Typically used to replace traditional fluorescent lights lay-in fixture. The BLP series is a next generation family of edge lit led flat panel fixtures designed to lay in drop ceilings in offices, schools, and healthcare applications. The flat panels are fully dimmable, compatible with building controls, motion sensors, and daylight harvesting systems. The design of the BLP series panels produces an even and consistent shadow-less light. The LED's enable long life, high lumen maintenance, high CRI, low maintenance, and constructed without hazardous materials.



BLP Series

2x2 Housing

AW-40/35/30 (5,200 Lumens)

2x4 Housing

AW-50/40/35 (6,500 Lumens)

Rated Life 100,000 hours

Limited Warranty 5 years

Efficacy 110-150 lm/w

Continuous Dimming



QuickShip/DLC Qualified

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Specification Features



Construction

Extruded aluminum housing featuring a matte white finish with smooth opalescent acrylic lens. Lens design and materials provide uniform appearance without pixelation.

Qualifications

All luminaires are built to UL 1598 and 2108 standards, and bear appropriate ETL labels. Damp location labeling is standard. Emergency equipped fixtures labeled UL924. Adheres to LM70, LM80, and TM21 industry standards. DesignLights Consortium® (DLC) qualified product. Not all models of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which models are qualified.

Warranty

5-year Limited Warranty. See warranty documentation for more information.

Electrical

Equipped standard with 0-10V continuous dimming driver that works with any standard 0-10V control/dimmer. Long-Life LED's hours at L80 with projected life over 100,000 hours for reduced life cycle maintenance costs.

Installation

Suitable for recessed mounting within T-Bar grid. Optional surface mounting, suspension and flange kit for drywall ceiling available.

Options

Optional On/Off or Bi-Level Motion sensor, high voltage transformers, emergency battery backups, whips and cords.

Ordering Information

Example: BLP-22-AW-MVD-MCT

BLP	22	AW	MVD	MCT	
Series BLP LED Backlit Panel	Form Factor 22-2"x2" ² 24-2"x4" ²	Rated Wattage <u>2x2 Housing</u> AW- 40W, 35W, 30W Adjustable wattage (5200 Lumens)	Driver Type MVD- 120-277V; 0-10V Dimming ³	Color Temp MCT- 3500/4000/5000K CCT Selectable; 90+CRI	Emergency Backup EML15-RFM 15W Emergency Battery
		2x4 Housing AW- 50W, 40W, 35W Adjustable wattage (6500 Lumens)			
		Options			
		Controls N/A	Accessories FW3 6' 3 Wire Fixture Whip FW4 6' 4 Wire Fixture Whip FW312- 12' 3 Wire Fixture Whip	Mounting Accessories SM-BLP-22- 2'x2' Surface Mount Kit SM-BLP-24- 2'x4' Surface Mount Kit FK-22-2'x2' Flange Kit FK-24- 2'x4' Flange Kit	

Specifications and Dimensions subject to change without notice.

Performance Summary

Input Voltage	120-277V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	130 lm/W
CRI	80+, R9 > 0
Available CCT ¹	3500K, 4000K, 5000K
Beam Angle	120°
Rated Life	50,000 hours
L70 ³	> 72,000 hours or > 45,000
Power Factor	>0.95
THD	< 2.3%
Dimming	0-10V Continuous(10-100%)
Operating Temp.	-20°C to 45°C

Performance Data

Lens Type	Form Factor	Catalog No.	Rated Wattage (W)	Delivered Lumens	Efficacy (lm/W)
Frosted Acrylic	2x2	BLP-22-AW-MVD-MCT	40W	5,200	130
	2x4	BLP-24-AW-MVD-MCT	50W	6,500	130

NOTES:

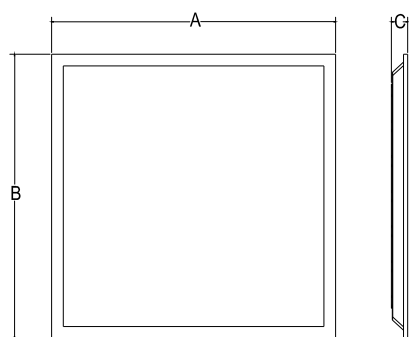
- ¹ Made to order items. Minimum 90 day lead time. Minimum 500 order quantity.
- ² DLC Listed
- ³ Quick ship: 4000K. Other CCTs may require a lead time or be special order
Typical color consistency. May vary or be changed.
- ⁴ Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C.



Specifications and Dimensions subject to change without notice.

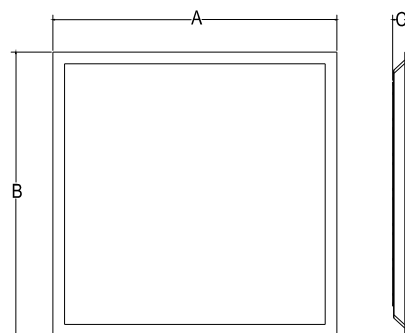
Product Dimensions

BLP-22



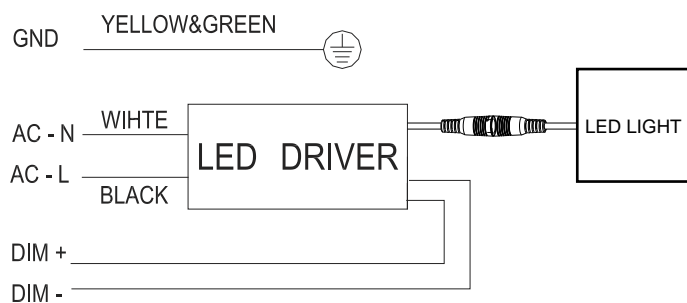
Dimensions	A	B	C
2'2ft	24in.	24in.	1.0 in.

BLP-24

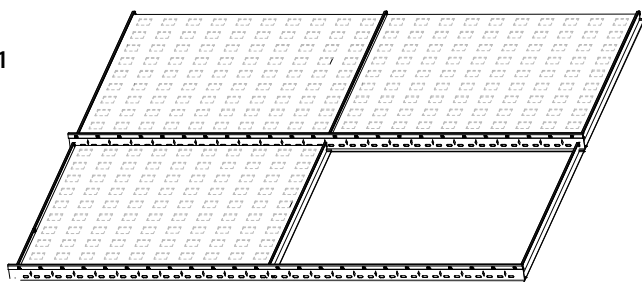


Dimensions	A	B	C
2'4ft	48in.	24in.	1.0 in.

Installation Instructions



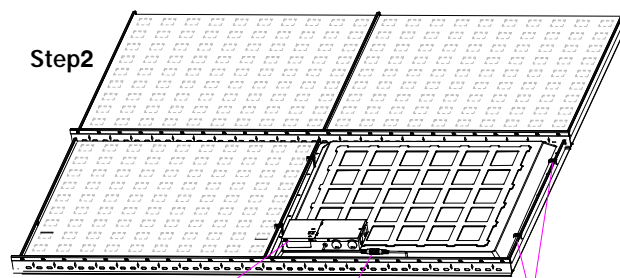
Step1



Step1-1

Step1-2

Step2



Step2-3

Step2-2

Step2-1

Photometric Data

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