

SPECIFICATION SHEET

SUBJECT

PLB LED Back-Lit Panel

CUSTOMER PROJECT

Project: _____
 Type: _____
 Cat. No.: _____
 Qty: _____
 Date: _____
 EEL Rep: _____



Telephone: 905 415 8878 Fax Number: 905 415 8872 Toll Free Telephone: 855 415 8878 Toll Free Fax: 855 415 8872

DESCRIPTION

The Back-lit Panel PLB Series is a high performance, light weight LED panel that uses a unique back-lit design to provide uniform and soft luminance. The back-lit panel design requires no light guide plate (LGP) and hence mitigate the potential yellowing issue of the LGP. It is perfect for a wide variety of general applications like offices, schools, retail or healthcare.

SPECIFICATION FEATURES

Construction

- 6063 Aluminum frame with cold rolled SPCC steel
- Back housing affords better heat dissipation.
- Earthquake T-bar clips
- High transmittance Polystyrene(PS) diffuser
- Requires no light guide plate (LGP) and hence mitigate the potential yellowing issue of the LGP
- 2 earthquake T-bar hooks for 2x2
- 4 earthquake T-bar hooks for 1x4 and 2x4

Mounting

- T-bar mount
- Suspension mount
- Recessed mount
- Surface mount (optional)
- Fixture Weight:

1x4 = 5.07lbs/2.3kg
 2x2 = 4.85lbs/2.2kg
 2x4 = 8.60lbs/3.9kg

Finish

- White seamless finish (powder-coated)

Beam Angle

- 120°

Compliance

- cETLus
- Suitable for Damp Locations
- Type IC

Warranty

- 5-Year Warranty (Standard)
- 10-Year Limited Warranty (Optional)

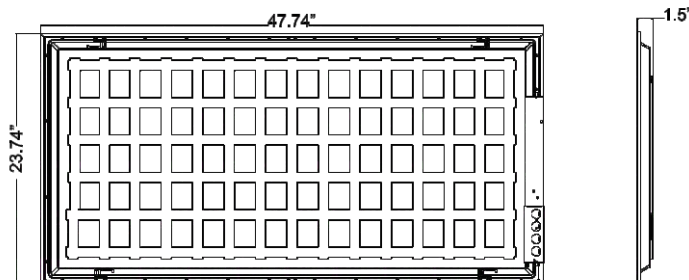


**PLB
LED Back-Lit Panel**

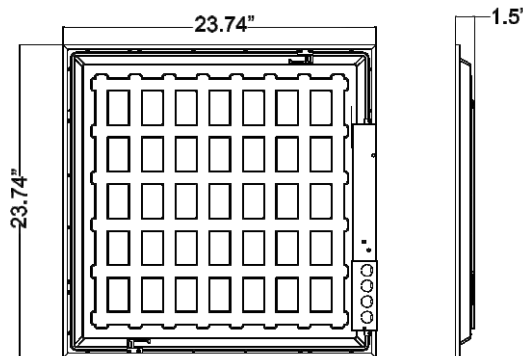
PLB SERIES

Back-Lit Panel

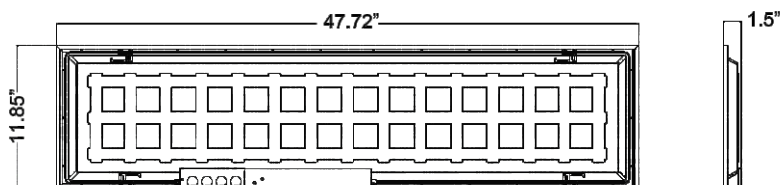
Wattage(s)	30W, 40W
Voltage	100-277V 100-347V
Surge Protection	1.5KV (100-277V) 3KV (100-347V)
CCT	4000K
Efficacy	130lm/W
Lumen Maintenance	Theoretical L70 > 178,000h Lumen maintenance at 36,000 hrs = 93.11%
Power Factor	> 0.9
Total Harmonic Distortion	<=20%
Operating Temperature	-20°C to 40°C
CRI	>80
Dimmable	0-10V
Max. Dimming Source Current	1.1 mA



**PLB24
Dimensions**
 mm | 1212.6(L) x 603(W) x 38(H)
 inch | 47.74(L) x 23.74(W) x 1.5(H)



**PLB22
Dimensions**
 mm | 603(L) x 603(W) x 38(H)
 inch | 23.74(L) x 23.74(W) x 1.5(H)









**PLB14
Dimensions**
 mm | 1212 (L) x 301(W) x 38(H)
 inch | 47.72(L) x 11.85(W) x 1.5(H)

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ORDERING CODE, ENERGY AND PERFORMANCE DATA

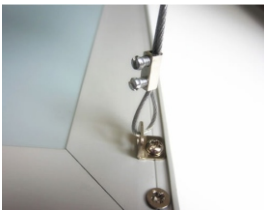
	Model No.	Delivered Lumens (lm)	Input Watts (W)	Voltage (V)	Colour Temp. (K)	Efficacy (lm/W)	Certification
	PLB14-30W40K-P	3873	30	100-277	4000K	130	
	PLB14-30W40K-P-MV 1 x 4	3728	29	100-347	4000K	129	
	PLB22-30W40K-P	3912	30	100-277	4000K	129	
	PLB22-30W40K-P-MV 2 x 2	3705	29	100-347	4000K	129	
	PLB24-40W40K-P	4849	37	100-277	4000K	131	
	PLB24-40W40K-P-MV 2 x 4	4912	38	100-347	4000K	129	

NOTE:

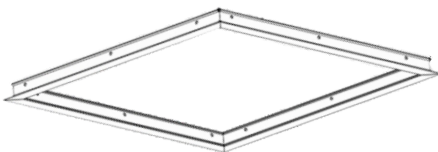
- Lumens are estimated
- DLC qualified may not apply to all versions within a model. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

OPTIONAL ACCESSORIES

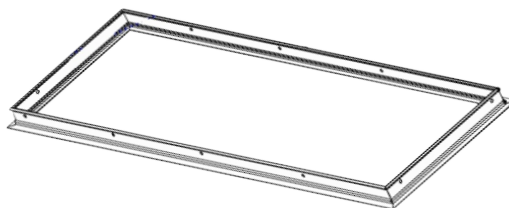
PLE-SW 1x4 | Suspending Wire for 1x4 PLE (1.5 Millimetre in thickness) Contains 6 pieces - 6 x 1 Meter(wire length)
 PLE-SW 2x2 | Suspending Wire for 2x2 PLE (1.5 Millimetre in thickness) Contains 4 pieces - 4 x 1 Meter(wire-length)
 PLE-SW 2x4 | Suspending Wire for 2x4 PLE (1.5 Millimetre in thickness) Contains 6 pieces - 6 x 1 Meter(wire-length)
 TFK-1x4 (slight difference in color between the kit and fixture) | Flange Kit (recessed mount) for 1x4 Troffer
 TFK-2x2 (slight difference in color between the kit and fixture) | Flange Kit (recessed mount) for 2x2 Troffer
 TFK-2x4 (slight difference in color between the kit and fixture) | Flange Kit (recessed mount) for 2x4 Troffer
 BLP-14-A2111-MKSUR | Surface Mount Kit for 1x4 Back-Lit Panel Light
 BLP-22-A2111-MKSUR | Surface Mount Kit for 2x2 Back-Lit Panel Light
 BLP-24-A2111-MKSUR | Surface Mount Kit for 2x4 Back-Lit Panel Light



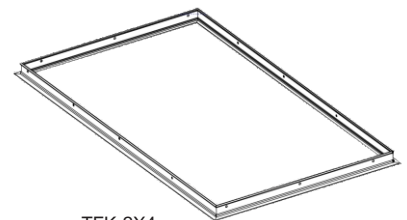
Suspending Wire



TFK-2X2



TFK-1X4



TFK-2X4