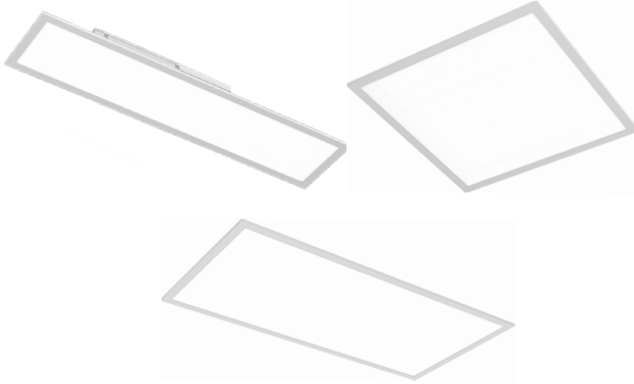




CONTRACTOR:	
PROJECT:	DATE:
PREPARED BY:	MODEL#:

DESCRIPTION



BLP Series

Wattage and Color Selectable LED Backlit Panel Light

This new LED back-lit panel brings a refreshing replacement to standard edge-lit panels. These back-lit units are lighter, brighter and more efficient than standard edge-lits, while providing the same edge-to-edge light diffusion.



CONSTRUCTION/ WARRANTY

Intended Use

1'x4', 2'x2' and 2'x4' LED Flat Panel Back Lit Panel Series with selectable CCT and Wattage (optional) are an ideal solution to lay in drop ceilings in offices, schools, and healthcare applications, delivering uniform light. The adjustable features allow for on the spot changes in CCT and brightness with the flip of a switch that's located on the rear of the unit.

Construction

Compact construction. Aluminum frame + PS diffuser + PMMA optical lenses. The state of the art construction means no yellowing of the lens assembly. Finish: White

Optics

State of the art PMMA optics mounted directly to the LED chips distributes light evenly within the fixture housing. BLP series flat panels have a beam angle of 120°.

Lens

Milky lens delivering the uniform lighting.

Dimming

LED drivers deliver dimming from a 0-10V control signal.

Installation

This fixture is intended to be recessed mounted, but can be surface mounted with a surface mount kit (Sold Separate). This fixture has multiple knockouts for easy installation.

Listings

ETL listed to US and Canadian safety standards. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Safety Standards	UL8750
EMC Standards	FCC Part15

For use in ambient operating temperatures ranging from -30°C to 40°C (-22°F to 104°F).

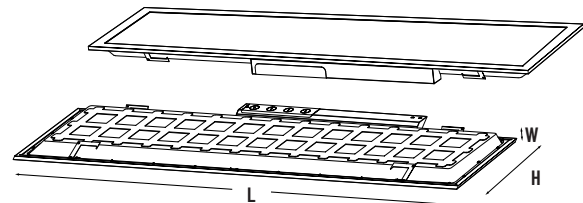
Warranty

Guaranteed for five years from the purchase date of the product, against mechanical defects in manufacturing.

NOTE: 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 subject to change without notice.

LINE DRAWINGS

Dimensions	Length (L)	Width (W)	Height (H)	Weight (lbs)
BLP14-CSWS	47.7"	11.9"	1.7"	4.41
BLP22-CSWS	23.7"	23.7"	1.7"	4.19
BLP24-CSWS	47.7"	23.7"	1.7"	9.92





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ORDERING INFORMATION

Example: BLP14-CSWS-DIM-EM

SERIES	SIZE	COLOR TEMP	WATTAGE	DIMMING	EMERGENCY
BLP	[14] : 1' x 4'	[-CS] : 35/4K/5K	[WS] : 25/30/36W	[-DIM] : Dimming Option	[-EM] : EM BACKUP, 10% LIGHT OUTPUT [BLANK] : No Option
BLP	[22] : 2' x 2'	[-CS] : 35/4K/5K	[WS] : 25/30/36W	[-DIM] : Dimming Option	[-EM] : EM BACKUP, 10% LIGHT OUTPUT [BLANK] : No Option
BLP	[24] : 2' x 4'	[-CS] : 35/4K/5K	[WS] : 40/45/50W	[-DIM] : Dimming Option	[-EM] : EM BACKUP, 10% LIGHT OUTPUT [BLANK] : No Option

PERFORMANCE SPECIFICATIONS

Series	Lumens	LPW	Power factor	CRI	Max wattage
BLP14-CSWS	2750/3300/3960lm	110Lm/W	>0.9	>80	36W
BLP22-CSWS	2750/3300/3960lm	110Lm/W	>0.9	>80	36W
BLP24-CSWS	4400/4950/5500lm	110Lm/W	>0.9	>80	50W

GENERAL DRIVER INFORMATION

ELECTRICAL SPECIFICATIONS	30W/ 36W/ 50W	ENVIRONMENTAL SPECIFICATIONS	30W/ 36W/ 50W
Type: Constant Current		Ambient Range	
Input		-20°C - +50°C	
Rated Input Voltage	120-277V AC	Max. Storage Temp.	
Range of Input Voltage	100-305V AC	-30°C - 80°C	
Frequency	50/60Hz		
Input Current	≤0.6A		
THD @ Full Load	≤15%@ 277V AC		
Inrush Current @ Full Load	≤ 30A/150us @ 277V AC		
Output			
Max. Output Power	54.6W		
Standards			
Performance	EN62384		
Surge	L-N/2KV LN-PE/2KV		

APPLICATION AND PERFORMANCE SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTIFICATION



CONTRACTOR:		DATE:
PROJECT:		MODEL#:
PREPARED BY:		

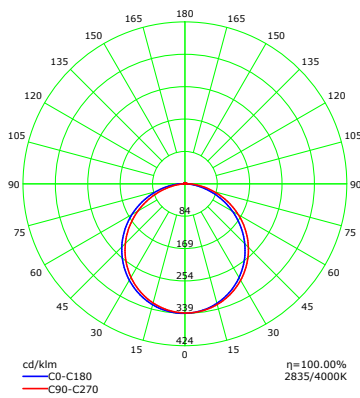
ACCESSORIES (SOLD SEPARATELY)

DESCRIPTION	PART NUMBER	SIZE	IMAGE
Surface Mount KIT Steel housing, painted white. This kit can be mounted onto a rigid surface (Non-DLC)	LPSM-14-KIT-WT	1x4' Dimensions : L 48" x W 12" x H 4.75"	
	LPSM-22-KIT-WT	2x2' Dimensions : L 24" x W 24" x H 4.75"	
	LPSM-24-KIT-WT	2x4' Dimensions : L 48" x W 24" x H 4.75"	
Recessed KIT Steel components, painted white This kit allows for installation in a recessed ceiling cavity, typically gypsum board or wood. (Non-DLC)	FRAME1X4FLAN	1x4' Opening Size : 12 1/2" x 48 1/2"	
	FRAME2X2FLAN	2x2' Opening Size : 24 1/2" x 24 1/2"	
	FRAME2X2FLAN	2x4' Opening Size : 24 1/2" x 48 1/2"	

PHOTOMETRIC REPORTS

BLP14-CSWS

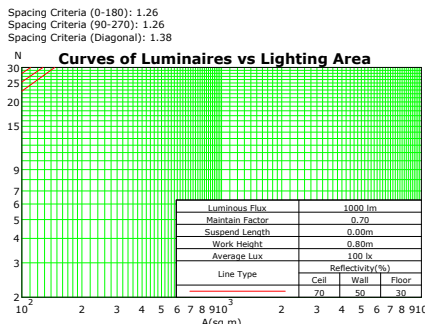
Luminous Intensity Distribution



C Plane (*):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 23
 Operator: weiwurao

Gamma Plane (*):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 30
 Inspector:

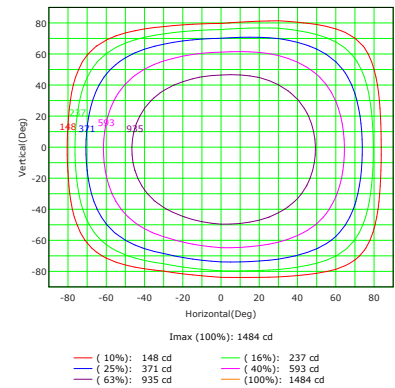
Luminaire Classification Graph



C Plane (*):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 23
 Operator: weiwurao

Gamma Plane (*):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 30
 Inspector:

Isocandela Plot



C Plane (*):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 23
 Operator: weiwurao

Gamma Plane (*):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 30
 Inspector:

APPLICATION AND PERFORMANCE SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTIFICATION

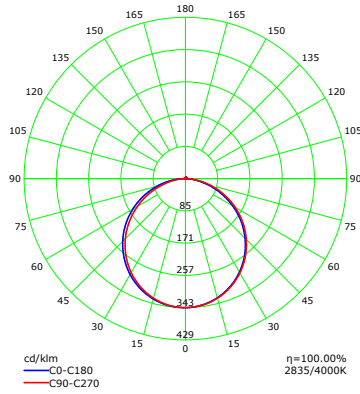


CONTRACTOR:		DATE:
PROJECT:		MODEL#:
PREPARED BY:		

PHOTOMETRIC REPORTS

BLP22-CSWS

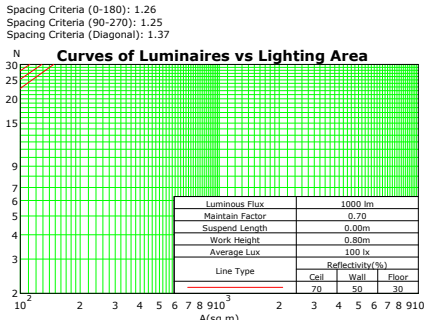
Luminous Intensity Distribution



C Plane (*):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiuro

Gamma Plane (*):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 30
 Inspector:

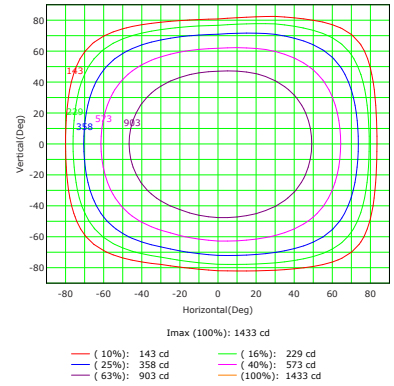
Luminaire Classification Graph



C Plane (*):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiuro

Gamma Plane (*):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 30
 Inspector:

Isocandela Plot

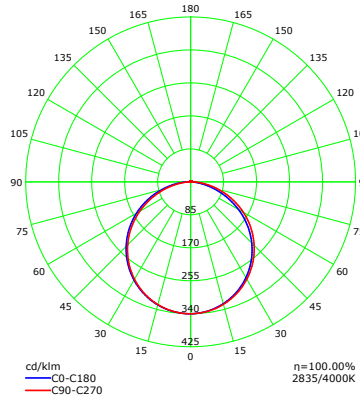


C Plane (*):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiuro

Gamma Plane (*):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 30
 Inspector:

BLP24-CSWS

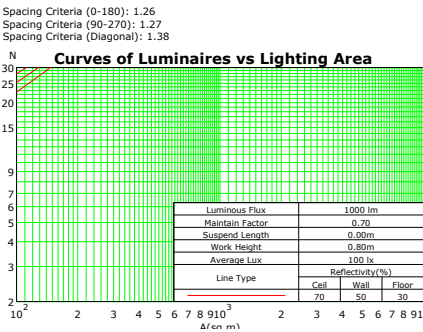
Luminous Intensity Distribution



C Plane (*):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiuro

Gamma Plane (*):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 30
 Inspector:

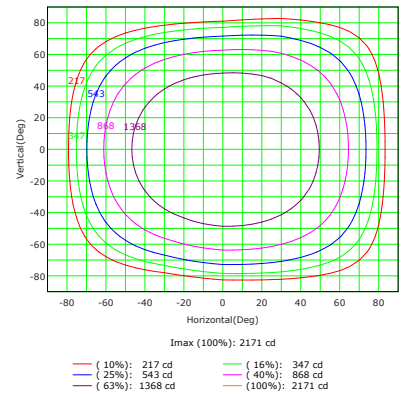
Luminaire Classification Graph



C Plane (*):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiuro

Gamma Plane (*):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 30
 Inspector:

Isocandela Plot



C Plane (*):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiuro

Gamma Plane (*):0.0-180.0:1.0
 Test Device: GPM-1600L
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 Humidity: 30
 Inspector:

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