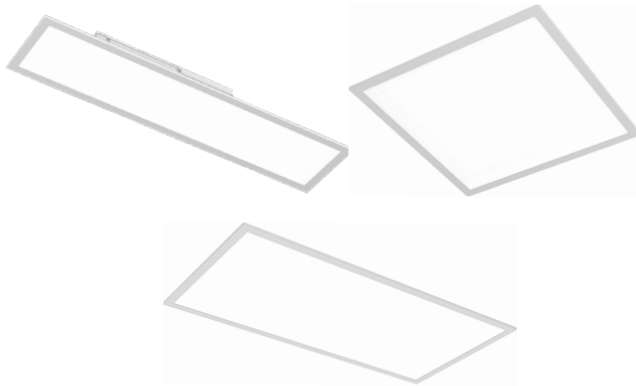




CONTRACTOR:		DATE:
PROJECT:	MODEL#:	
PREPARED BY:		

## DESCRIPTION



## BLP Series

### 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.



## FEATURES & SPECIFICATIONS

### Intended Use

The low profile modern design makes it ideal for use in airport, retail, education and commercial office buildings.

### Construction

Compact construction. Aluminum frame + PS diffuser + PMMA optical lenses. Galvanized steel frame + 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

A frosted lens provides smooth diffusion and excellent visual comfort.

### 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

UL listed to US safety standards.

Safety Standards	UL8750
EMC Standards	FCC Part15

For use in ambient operating temperatures ranging from -20°C - 35°C (-4°F - 95°F).

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](http://www.designlights.org/QPL) to confirm which versions are qualified.

### Warranty

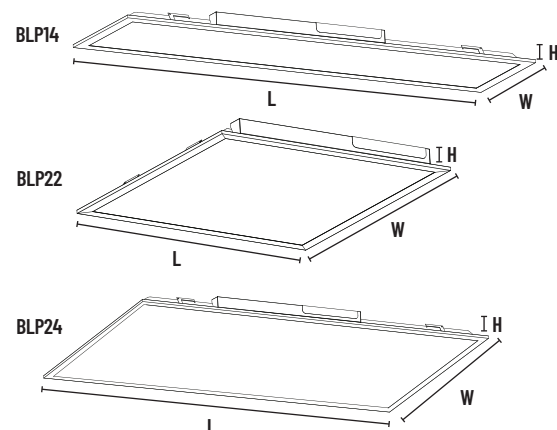
Guaranteed for five years from the purchase date of the product, against mechanical defects in manufacturing.

**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)*
BLP14	47.75"	11.81"	1.57"
BLP22	23.74"	23.74"	1.57"
BLP24	47.75"	23.74"	1.57"

NOTE: EM units have a height (H) of 2.95\*\*





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

## ORDERING INFORMATION

**Example:** BLP14-3035D-DIM-W-EM

SERIES	SIZE	WATTAGE	COLOR TEMP	POWER SUPPLY	DIMMING	TRIM COLOR	EMERGENCY*
BLP	[ 14 ] : 1' x 4'	[ -30 ] : 30 Watts	[ 35 ] : 3500K [ 40 ] : 4000K	[ D ] : 120-277V	[ -DIM ] : Dimming Option	[ -W ] : White Trim	[-EM]: EM Backup 10% Light Output [ BLANK ] : No Option
BLP	[22]: 2' x 2'	[ -30 ] : 30 Watts [ -36 ] : 36 Watts	[ 35 ] : 3500K [ 40 ] : 4000K [ 50 ] : 5000K	[ D ] : 120-277V	[ -DIM ] : Dimming Option	[ -W ] : White Trim	[-EM]: EM Backup 10% Light Output [ BLANK ] : No Option
BLP	[ 24 ] : 2' x 4'	[ -40 ] : 40 Watts [ -50 ] : 50 Watts	[ 35 ] : 3500K [ 40 ] : 4000K [ 50 ] : 5000K	[ D ] : 120-277V	[ -DIM ] : Dimming Option	[ -W ] : White Trim	[-EM] EM Backup 10% Light Output [ BLANK ] : No Option

\*BLP24-4050D-DIM-W not available with EMB. BLP22-3050D-DIM-W not available with EMB. BLP14-40(35)(40)D-DIM-W not available with EMB.

## PERFORMANCE SPECIFICATIONS

SERIES	LUMENS	LPW	POWER FACTOR	RA	MAX WATTAGE
BLP14-30	3600	120	>0.9	>80	30W
BLP14-40	5000	125	>0.9	>80	40W
BLP22-30	3750	125	>0.9	>80	30W
BLP22-36	4600	127	>0.9	>80	36W
BLP24-40	5000	125	>0.9	>80	40W
BLP24-50	6300	126	>0.9	>80	50W

## GENERAL DRIVER INFORMATION

ELECTRICAL SPECIFICATIONS	
<b>Type:</b> Constant Current	
<b>Input</b>	
Input Voltage (VAC)	120V-277V (+/- 10%)
Frequency Range (Hz)	50-60 Hz (+/- 5%)
THD @ Full Load	<20%
Output Short-Circuit Protection	Hiccup mode (auto-recovery)

ENVIRONMENTAL SPECIFICATIONS	
Ambient Range	-20°C - 35°C (-4°F - 95°F)

APPLICATION AND PERFORMANCE SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTIFICATION



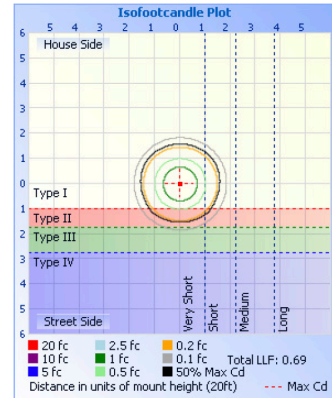
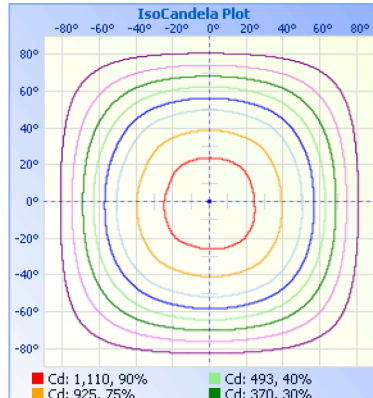
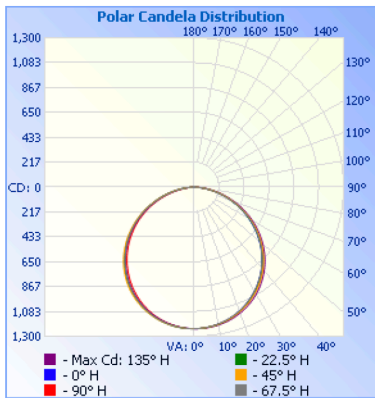
CONTRACTOR:		DATE:
PROJECT:	MODEL#:	
PREPARED BY:		

**ACCESSORIES (SOLD SEPARATELY)**

DESCRIPTION	PART NUMBER	SIZE	IMAGE
<b>Surface Mount KIT</b> 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"	
<b>Recessed KIT</b> 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**



**Illuminance at a Distance**

	Center Beam fc	Beam Width	
3.3R	113 fc	10.3 ft	10.1 ft
6.7R	27.5 fc	20.9 ft	20.6 ft
10.0R	12.3 fc	31.2 ft	30.7 ft
13.3R	6.97 fc	41.5 ft	40.9 ft
16.7R	4.42 fc	52.1 ft	51.3 ft
20.0R	3.08 fc	62.4 ft	61.5 ft

Vert. Spread: 114.7°  
 Horiz. Spread: 113.9°

APPLICATION AND PERFORMANCE SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTIFICATION



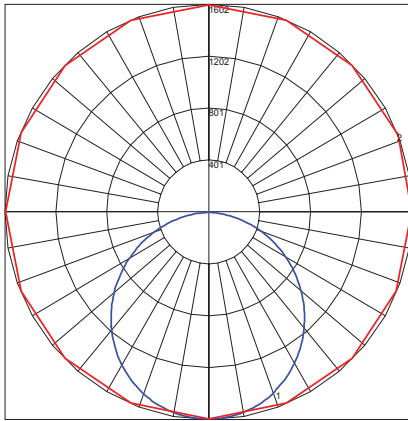
<b>CONTRACTOR:</b>		<b>DATE:</b>
<b>PROJECT:</b>		<b>MODEL#:</b>
<b>PREPARED BY:</b>		

**PHOTOMETRIC REPORTS**

**BLP22**

**Polar Graph**

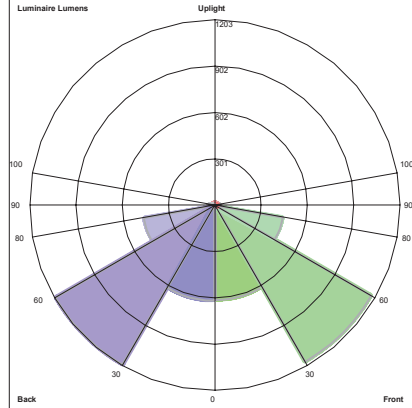
IES ROAD REPORT  
PHOTOMETRIC FILENAME : BLP22-3640D-DIM-WJES  
POLAR GRAPH



Maximum Candela = 1602.26 Located At Horizontal Angle = 292.5, Vertical Angle = 1  
# 1 - Vertical Plane Through Horizontal Angles (292.5 - 112.5) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)

**Luminaire Classification Graph**

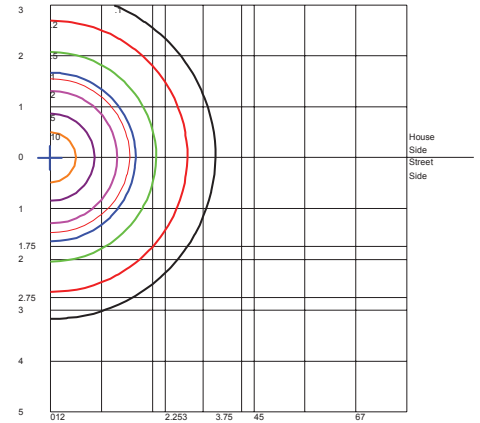
IES ROAD REPORT  
PHOTOMETRIC FILENAME : BLP22-3640D-DIM-WJES  
LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=820.7, Medium=1179.2, High=454.3, Very High=43.8  
Back: Low=625.6, Medium=1203.2, High=175.2, Very High=52.7  
Uplight: Low=0.9, High=5.3  
BUG Rating : B2-U1-G1

**Isocandela Plot**

IES ROAD REPORT  
PHOTOMETRIC FILENAME : BLP22-3640D-DIM-WJES  
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE

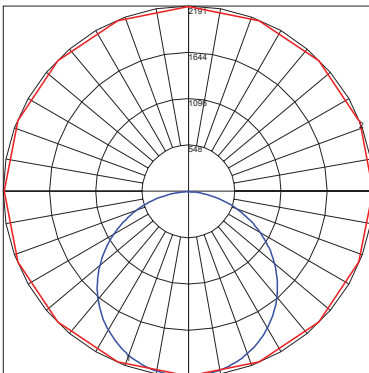


Distance In Units Of Mounting Height  
Values Based On 10 Foot Mounting Height  
1/2 Maximum Candela Trace Shown As Dashed Curve  
(\*) = Maximum Candela Point

**BLP24**

**Polar Graph**

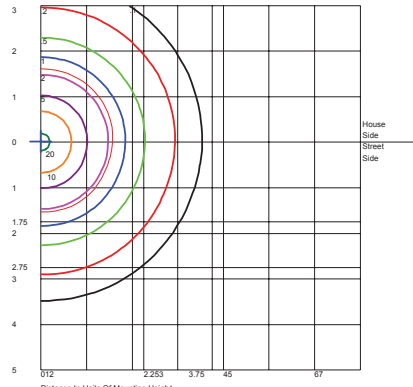
IES ROAD REPORT  
PHOTOMETRIC FILENAME : BLP24-5040D-DIM-WJES  
POLAR GRAPH



Maximum Candela = 2191.36 Located At Horizontal Angle = 202.5, Vertical Angle = 1  
# 1 - Vertical Plane Through Horizontal Angles (202.5 - 22.5) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)

**Luminaire Classification Graph**

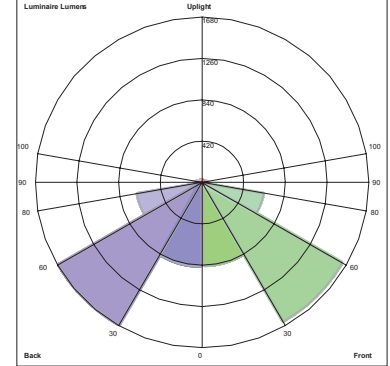
IES ROAD REPORT  
PHOTOMETRIC FILENAME : BLP24-5040D-DIM-WJES  
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height  
Values Based On 10 Foot Mounting Height  
1/2 Maximum Candela Trace Shown As Dashed Curve  
(\*) = Maximum Candela Point

**Isocandela Plot**

IES ROAD REPORT  
PHOTOMETRIC FILENAME : BLP24-5040D-DIM-WJES  
LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=853.0, Medium=1638.4, High=636.8, Very High=66.3  
Back: Low=960.6, Medium=1679.7, High=671.1, Very High=79.1  
Uplight: Low=2.0, High=4.3  
BUG Rating : B2-U1-G1