

Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Cat. #: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Quantity: \_\_\_\_\_

LED

# PBLX 4 LED Lensed High Bay

### Features:

- High performance LED technology
- 0-10V dimming drivers standard
- Field replaceable LED boards and drivers
- Multiple shielding options available to help minimize glare and improve aesthetics
- A wide variety of lumen packages allows for flexibility in design and helps maximize energy savings

### Applications:

Suitable for most commercial, industrial and institutional applications

- Retail
- Warehouse
- Manufacturing
- Gymnasiums

### Predicted L70 Lifetime:

- Up to 189,000 hrs (calculated)  
*(L70 information for specific configurations available upon request)*
- For BAA compliant configurations - up to 189,000 hrs (calculated)

### Construction:

- Housing and LED tray is precision brake formed from aluminum
- Pre-painted with a highly durable, highly reflective white finish

### Certifications:

- UL 1598 listed for US and Canada, suitable for damp locations

### Ambient Operating Temp:

- -30°C to 40°C

### Warranty:

- 5 year limited system warranty see [www.LumenFocus.com](http://www.LumenFocus.com) for complete warranty terms and conditions
- 10 year warranty option available on specific models  
*(Not available on all models. Certain conditions apply. Consult factory or sales representative for details.)*

**10** YEAR  
 EXTENDED WARRANTY  
 AVAILABLE ON CERTAIN MODELS



Powered by:



# PBL X LED Lensed High Bay



## Ordering Guide:

example: PBL X 4 HI UV 850-QC20 C6 OSD

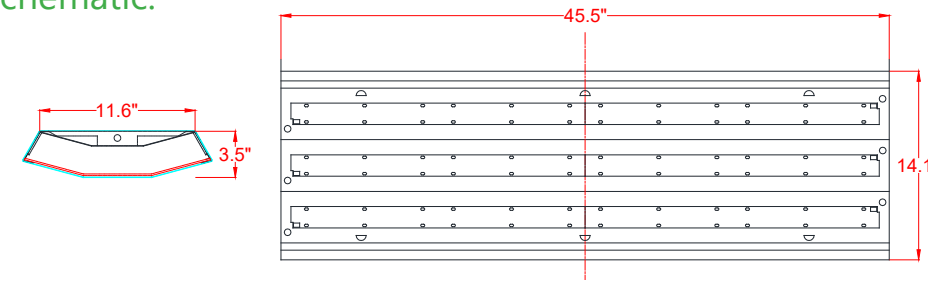
Series	Length	Output	Voltage	Shielding	CRI/CCT	-	Hanging	Options
PBL X						-		
PBL X	4	VL LW MD HI	UV 34 48	A23 A23F L118	835 840 850		Blank QC QC20	Blank EXT10 C6 C10 D6 D10 P(NEMA) OS OSD OS(FSP-221B-Lx) OS(FSP-321B-Lx) OSP PC WG WG(OS) SC F EM2 SDT(480V) CC LVL BAA

<b>Length:</b>	4	4'	<b>Options:</b>	Blank EXT10	None 10 yr extended warranty (Not available on all models. Certain conditions apply. Consult factory or sales representative for details.)
<b>Lumen Output:</b>	VL LW MD HI	Very Low Low Medium High		C6 C10 D6 D10 P(NEMA) OS OSD OS(FSP-221B-Lx) OS(FSP-321B-Lx)	6' Single Circuit Cord 10' Single Circuit Cord 6' Dual Circuit Cord 10' Dual Circuit Cord Plug (Specify NEMA configuration) Occupancy Sensor (on/off) Occupancy Sensor (on/off/dim) Wattstopper Programmable Photo/Motion Multi-voltage Sensor (high/low/off) (*x" = lens type. See Page 4 for lens type descriptions)
<b>Voltage:</b>	UV 34 48	120-277V 347V 480V (not available on 4' VL or 4' LW models)		OSP PC WG WG(OS) SC F EM2	Wattstopper Bluetooth-Enabled Programmable Photo/Motion Multi-voltage Sensor (high/low/off) (*x" = lens type. See Page 4 for lens type descriptions) Occupancy Sensor with Photocell Photocell Wire Guard Wire Guard for Occupancy Sensor Safety Cable Fuse Emergency Pack - up to 16W (120-277V / 0°C-50°C ambient) 480V to 277V Step Down Transformer
<b>Shielding:</b>	A23 A23F L118	High Efficiency 23 Pattern Acrylic High Efficiency 23 Pattern Acrylic, Frosted 0.118" Impact Resistant Lexan		SDT(480V) CC LVL BAA	480V to 277V Step Down Transformer Conformal Coating 0-10V dimming leads for easy field access Buy American Act compliant
<b>CRI/CCT:</b>	835 840 850	80 CRI / 3500K 80 CRI / 4000K 80 CRI / 5000K			
<b>Hanging:</b>	Blank QC QC20	None 10' Quick Hang Cable Kit 20' Quick Hang Cable Kit			

# PBL X LED Lensed High Bay



## Schematic:



## Performance Chart:

Catalog #	Lumens	Watts	LPW	Catalog #	Lumens	Watts	LPW	Catalog #	Lumens	Watts	LPW
PBL X 4 VL UV A23F 835	11693	91	128.9	PBL X 4 VL UV A23F 840	12080	91	133.2	PBL X 4 VL UV A23F 850	12442	91	137.2
PBL X 4 LW UV A23F 835	15132	123	122.9	PBL X 4 LW UV A23F 840	15633	123	127.0	PBL X 4 LW UV A23F 850	16101	123	130.8
PBL X 4 MD UV A23F 835	19755	160	123.5	PBL X 4 MD UV A23F 840	20408	160	127.5	PBL X 4 MD UV A23F 850	21020	160	131.4
PBL X 4 HI UV A23F 835	21738	174	124.9	PBL X 4 HI UV A23F 840	22456	174	129.1	PBL X 4 HI UV A23F 850	23130	174	132.9

Lumen Adjustment Factors:  
WG: 0.95



# PBL X LED Lensed High Bay

## Controls available:



### Dimming Sensors OS(FSP-221B/321B)

- The Wattstopper FSP sensor provides multi-level control based on motion and/or daylight contribution
- Comes pre-installed on the end cap
- Rated for cold locations
- Parameters for Bluetooth-enabled FSP-321B adjustable via phone app - iOS or Android
- Parameters for FSP-221B adjustable via wireless configuration tool (FSIR-100 - sold separately)
- Three lenses available, tailored for the ideal detection area and mounting height:
  - **FSP-L2:** 360° lens, maximum coverage 48', diameter from 8' height
  - **FSP-L3:** 360° lens, maximum coverage 40', diameter from 20' height
  - **FSP-L7:** 360° lens, maximum coverage 100', diameter from 40' height



**Phone app interface for FSP-321B**



### On/Off Occupancy Sensors (OS)

An optional occupancy sensor controls individual fixtures on or off based on occupancy in detection zone. Sensor used: Leviton OSFHU-ITW (pictured), or an equivalent.

### Occupancy Sensors with Photocell (OSP)

The OSP turns luminaire on or off based on occupancy or available natural light to help maximize energy savings. OSP used: Leviton OSFHP (pictured) or an equivalent.



**Need another option?**  
If you need a different control system - such as Nedap, Daintree, or another IoT-based system - just contact us. We can incorporate it.

**enlighted** A Siemens Company

**Advanced Controls Available**

We offer robust network control options and IoT compatibility with products from Enlighted and Douglas Lighting Controls, Inc.. Contact the factory for more info.

**DOUGLAS** LIGHTING CONTROLS

## Other Options:



**Cords** are available in single circuit or dual circuit, 6' or 10'. Standard plug is optional, as are other NEMA configurations if specified.



**Shielding** Available in a high efficiency 23 pattern acrylic lens (frosted or clear), and an impact resistant clear lexan lens



**Conformal coating** Grants LED boards added protection from moisture and corrosion in more hazardous environments.



**Hanging** The QC hanging kit from ALP comes in 10' or 20'. Cables are pre-looped for easy installation and designed for easy fixture height adjustment. QCs come boxed with each fixture.