SUBJECT

LED PHBF

CUSTOMER PROJECT

Project: _____

Type: _____

Cat. No.: _____

_____

Qty: _____

Date: _____

EEL Rep: _____

EELighting

DESCRIPTION

The PHBF series in our Linear High Bay category follows the success of our PHB-III series. This generation boasts an efficacy of 140lm/W and features a streamlined design with superior heat dissipation. Extra consideration has been taken during our design and tooling process to allow us to further reduce potential insect-access points in a sealed design.

The PHBF series comes with inherent 4kV surge protection. An additional 10kV is also provided. The included 10ft 600V cord, V-hooks, and 3ft chains make for ease of installation. A full gambit of optional accessories (wire guards, pendent hangers, emergency backup, and controls) round out the well-equipped PHBF series.

SPECIFICATION FEATURES

Construction
• Steel housing coated with high reflective paint
• 10 ft cord, "V" hooks and chains are included
• Length of chain: 1000mm / 39.37"

Mounting
• Suspension
• Pendent
• Surface

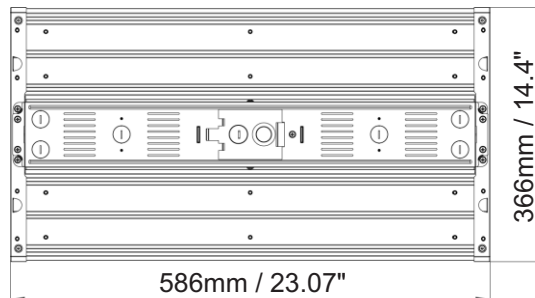**Beam Angle**
• 120° standard
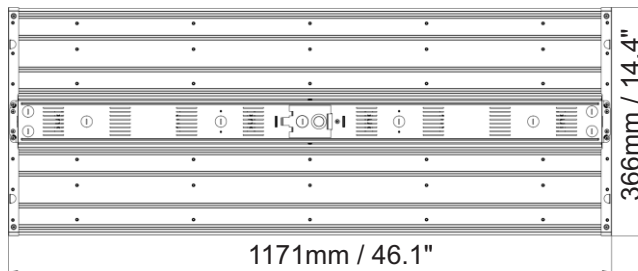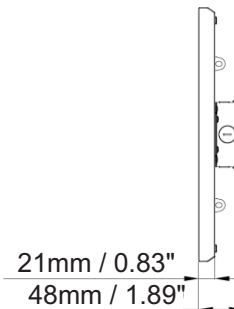
Shielding
• Polystyrene (PS) Lens

Compliance
• DLC
• Suitable for Damp Locations
• cUL
• The basic standard used to investigate products that are UL 1598 ("Luminaires") certified, also conforms to CSA-C22.2 No. 250.0 ("Luminaires").
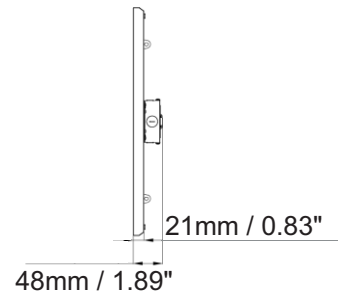
Warranty
• 5-Year Warranty (Standard)
• 10-Year Limited Warranty (Optional)

HIGH PERFORMANCE LED HIGH BAY PHBF

PERFORMANCE HIGH BAY

PHBF SERIES	
Wattage(s)	105W, 165W, 225W, 300W
Voltage	120-347V
Dimmable	0-10V
CCT	4000K, 5000K
Efficacy	Up to 140lm/W
Lumen Maintenance	Theoretical L70 > 191,000h Lumen maintenance at 36,000 hrs = 93.85%
CRI	≥80
Operating Temperature	-30°C to 45°C
Inherent Surge Protection	4kV+10kV extra surge
PF	0.9
THD	15%

Note: Not recommended to be used in application with chemical processing; for applications with chemical processing, fixtures rated for IP65 and higher are recommended.

366mm / 14.4"

586mm / 23.07"

21mm / 0.83"

48mm / 1.89"

PHBF - 105W & 165W
Dimensions
mm | 586(L) x 366(W) x 48(D)
inch | 23.1(L) x 14.4(W) x 1.9(D)

366mm / 14.4"

1171mm / 46.1"

21mm / 0.83"

48mm / 1.89"

PHBF - 225W & 300W
Dimensions
mm | 1171(L) x 366(W) x 48(D)
inch | 46.1(L) x 14.4(W) x 1.9(D)

ORDERING CODE, ENERGY AND PERFORMANCE DATA

	Model No.	Delivered Lumens (lm)	Input Watts (W)	Voltage (V)	Colour Temp. (K)	Efficacy (lm/W)	Certification
	PHBF-2-7224 105W40K-120347V-D110V-E130	15522	108	120-347	4000K	140	
	PHBF-2-7225 105W50K-120347V-D110V-E130	15605	108	120-347	5000K	140	
	PHBF-2-7244 165W40K-120347V-D110V-E130	22715	163	120-347	4000K	140	
	PHBF-2-7245 165W50K-120347V-D110V-E130	22715	163	120-347	5000K	140	
	PHBF-4-7264 225W40K-120347V-D110V-E130	30309	217	120-347	4000K	140	
	PHBF-4-7265 225W50K-120347V-D110V-E130	30309	217	120-347	5000K	140	
	PHBF-4-7274 300W40K-120347V-D110V-E130	41143	295	120-347	4000K	140	
	PHBF-4-7275 300W50K-120347V-D110V-E130	41871	295	120-347	5000K	140	

NOTE:
- Lumens are estimated.
- Lumens may vary based on lens option.
- 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.

CONTROLS (OPTIONAL)
SMF2025 | 06VCRH Microwave Motion Sensor (0-10V Dimmable, DC 10-15V)
RC1030 | Remote control for SMF2025 (this product cannot be sold separately and must be purchased alongside the Microwave sensor SMF2025)

EMERGENCY BACK-UP (OPTIONAL)
EMP-P4035 | Emergency Battery Pack 25W output, 170V (100-347V)

OPTIONAL ACCESSORIES
PHBF-2-A2131-WG | Wire Guard for 2ft PHBF series
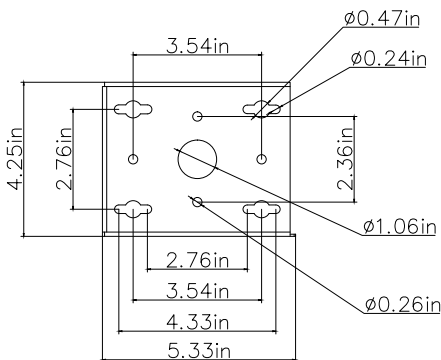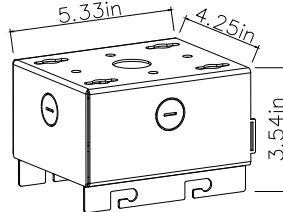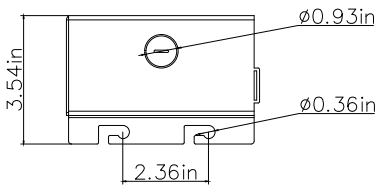PHBF-4-A2131-WG | Wire Guard for 4ft PHBF series
PHBF-U-A2131-PH | Pendent Hanger for PHBF series

SMF2025

RC1030

PHBF Pendent Hanger

Please allow for tolerance on specifications and dimensions.
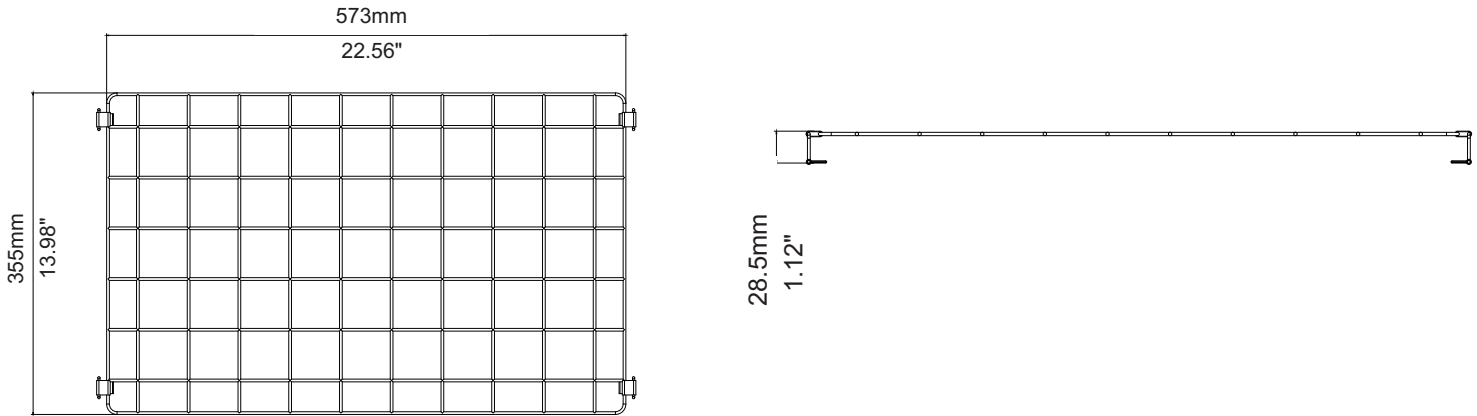If required, please consult EEL.

R220324-1530

2' Wire Guard

573mm
22.56"

355mm
13.98"

28.5mm
1.12"

4' Wire Guard

1158mm
45.6"

355mm
13.98"

28.5mm
1.12"

www.eelighting.ca

R220324-1530