

SPECIFICATION SHEET

SUBJECT

LED PHB HIGH BAY

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

SPECIFICATION FEATURES

Construction

- 22 Gauge post-painted steel housing with a frosted acrylic lens
- 10 ft cord and "V" Hooks are included
- Clear lens is optional
- Damp location rated

Shielding

- Frosted white acrylic lens

Compliance

- cULus
- DLC
- Suitable for damp location

Warranty

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

Driver and Module Access

- Drivers can be accessed by removing 2 screws on the driver box located at the back of the fixture

Finish

- 22 gauge galvanized steel and high gloss enamel paint finish ensures maximum bonding and rust inhibition

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

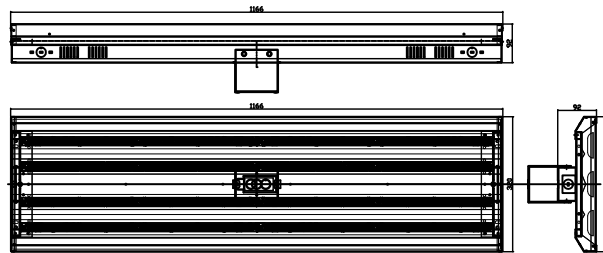


HIGH PERFORMANCE LED HIGH BAY

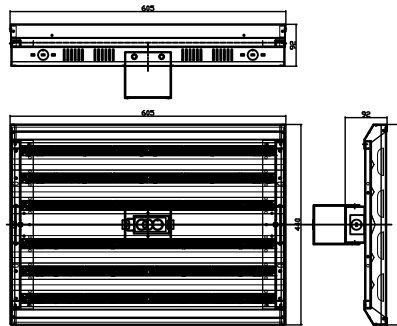
High Bay Series

LED High Bay

Wattage(s)	110W, 160W, 220W 320W
Voltage	120-277V, 347V
CCT	5000K (Standard) 4000K (Optional)
Efficacy	115lm/W
Lumen Maintenance	L70 > 180,000h Lumen maintenance at 36,000 hrs = 93.3%
CRI	80
Inherent Surge Protection	120-277V (4kV) 347V (10kV)
Operating Temperature	-40°C to 40°C
PHB 320:	326W = 482W 8 T5HO lamps
PHB 220:	216W = 362W 6 T5HO lamps or 400W Metal Halide
PHB 160:	160W = 241W 4 T5HO lamps
PHB 110:	108W = 241W 4 T5HO lamps
Dimmable	0-10V



PHB-4FT-6-320 / PHB-4FT-4-220
 Dimensions
 mm | 1166(L) x 440(W) x 92(D)
 inch | 46(L) x 17.3(W) x 3.6(D)



PHB-2FT-6-160 / PHB-2FT-4-110
 Dimensions
 mm | 605(L) x 440(W) x 92(D)
 inch | 24(L) x 17.3(W) x 3.6(D)



Front View



Back View



Front View














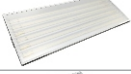



















Back View



Surface Mount



ORDERING CODE, ENERGY AND PERFORMANCE DATA

Model No.	Delivered Lumens (lm)	Input Watts (W)	Voltage (V)	Colour Temp. (K)	Efficacy (lm/W)	Certification	Type
 PHB-4FT-6-320-120M	44044 41703	326 335	120-277 120-277	5000K 4000K	135 124	 	Standard MTO
 PHB-4FT-6-320-347	42370 41107	320 323	347 347	5000K 4000K	133 127	   (5000K) (4000K)	Standard MTO
 PHB-4FT-4-220-120M	29123 27939	216 220	120-277 120-277	5000K 4000K	135 127	   (5000K) (4000K)	Standard MTO
 PHB-4FT-4-220-347	27614 27292	220 214	347 347	5000K 4000K	125 128	   (5000K) (4000K)	Standard MTO
 PHB-2FT-6-160-120M	20740 20325	159 162	120-277 120-277	5000K 4000K	131 125	   (4000K) (5000K)	Standard MTO
 PHB-2FT-6-160-347	18765 20255	149 160	347 347	5000K 4000K	125 127	   (5000K) (4000K)	Standard MTO
 PHB-2FT-4-110-120M	14199 14087	107 110	120-277 120-277	5000K 4000K	133 128	   (5000K) (4000K)	Standard MTO
 PHB-2FT-4-110-347	14114 14033	107 109	347 347	5000K 4000K	133 129	   (5000K) (4000K)	Standard MTO

NOTE:

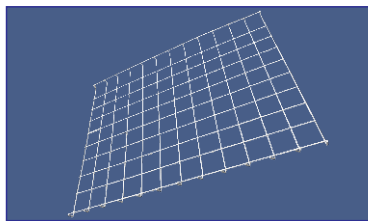
- Lumens are estimated
- DLC qualified may not apply to all versions within a model. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

OPTIONAL ACCESSORIES

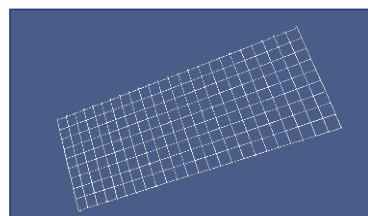
- HB-PH | High Bay Pendant Hanger
- PHB-2WG | Wire Guard with screws and clips for 2ft PHB
- PHB-4WG | Wire Guard with screws and clips for 4ft PHB
- PHB-2CL | Clear Lens for 2ft PHB
- PHB-4CL | Clear Lens for 4ft PHB

CONTROLS (OPTIONAL)

- SMI1502 | PIR Occupancy Sensor 120-347V (Not IP-rated)
- SMI1503 | PIR Occupancy Sensor 120-347V, Dimmable (Not IP-rated)



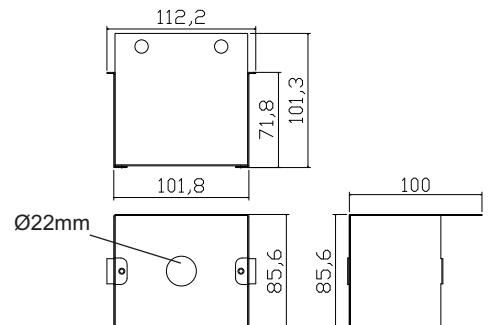
PHB-2WG



PHB-4WG



HB-PH



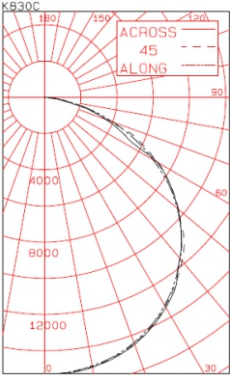
Note:
Pendant hanger attaches to 3/4" threaded conduit
(conduit and required conduit fixing hardware not included)



...continued

PHOTOMETRICS

Note: Photometric data result was obtained under white interior conditions.



PHB-4FT-6-320-120M
S/MH = 1.3
SC = 1.3
Lumens: 44044
Input Watts: 325.60
Efficacy: 135.3 lm/W
Test Report: K830C

Candlepower

Table with columns: ANGLE, ALONG, ACROSS. Data rows for angles 0, 15, 25, 35, 45, 55, 65, 75, 85.

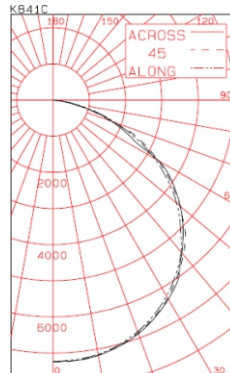
Zonal Lumen Summary

Table with columns: ZONE, LUMENS, % LAMP, % LUMINAIRE. Rows for zones 0-30, 0-40, 0-60, 0-90, 90-180.

Coefficient of Utilization

Effective floor cavity reflectance = 20%

Grid of CC WALL and RCR values for various room dimensions (70, 50, 30, 10, 0).



PHB-2FT-6-160-120M
S/MH = 1.3
SC = 1.3
Lumens: 20740
Input Watts: 158.9
Efficacy: 130.5 lm/W
Test Report: K841C

Candlepower

Table with columns: ANGLE, ALONG, ACROSS. Data rows for angles 0, 5, 15, 25, 35, 45, 55, 65, 75, 85.

Zonal Lumen Summary

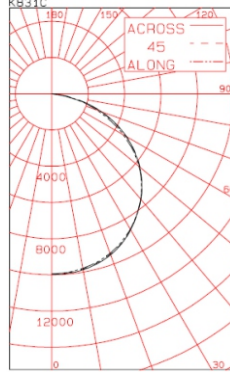
Table with columns: ZONE, LUMENS, % LAMP, % LUMINAIRE. Rows for zones 0-30, 0-40, 0-60, 0-90, 90-180.

Coefficient of Utilization

Effective floor cavity reflectance = 20%

Grid of CC WALL and RCR values for various room dimensions (70, 50, 30, 10, 0).

Note: Photometric data result was obtained under white interior conditions.



PHB-4FT-4-220-120N
S/MH = 1.3
SC = 1.3
Lumens: 29123
Input Watts: 215.6
Efficacy: 135.1 lm/W
Test Report: K831C

Candlepower

Table with columns: ANGLE, ALONG, ACROSS. Data rows for angles 0, 5, 15, 25, 35, 45, 55, 65, 75, 85.

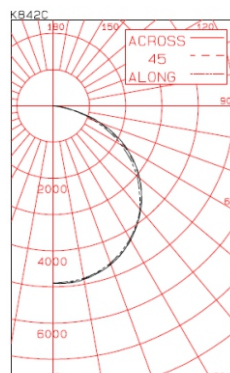
Zonal Lumen Summary

Table with columns: ZONE, LUMENS, % LAMP, % LUMINAIRE. Rows for zones 0-30, 0-40, 0-60, 0-90, 90-180.

Coefficient of Utilization

Effective floor cavity reflectance = 20%

Grid of CC WALL and RCR values for various room dimensions (70, 50, 30, 10, 0).



PHB-2FT-4-110-120M
S/MH = 1.3
SC = 1.3
Lumens: 14199
Input Watts: 107.1
Efficacy: 132.6 lm/W
Test Report: K842C

Candlepower

Table with columns: ANGLE, ALONG, ACROSS. Data rows for angles 0, 5, 15, 25, 35, 45, 55, 65, 75, 85.

Zonal Lumen Summary

Table with columns: ZONE, LUMENS, % LAMP, % LUMINAIRE. Rows for zones 0-30, 0-40, 0-60, 0-90, 90-180.

Coefficient of Utilization

Effective floor cavity reflectance = 20%

Grid of CC WALL and RCR values for various room dimensions (70, 50, 30, 10, 0).

