

JOB NAME: _____
TYPE: _____
PART #: _____
NOTES: _____

PXHBF LED

Explosion proof LED area lighting

Key Features

- Low profile body, less than 7" high
- Interchangeable optics with Type I, III, V, medium, wide, narrow and very narrow distribution options
- Spring pressure connection terminal block
- Field replaceable LED circuit boards and drivers with quick disconnects
- Optional trunnion mount with five locking positions in 15 degree increments
- Two (2) safety cable attachment points with optional eye-bolts

Additional Features

- Certified for hydrogen atmospheres (Group B)
- Emergency Battery Backup option with switching capability
- Mates directly to SXP/SXPJ HID mounts
- 0-10V dimming, range 10-100%
- Standard 10kV surge protection
- 5-year warranty

Standard Materials

Body: A360 aluminum
(less than .4% copper content)
with baked-on gray epoxy finish

Gaskets: One-piece silicone

Lens: Tempered glass

Hardware: Stainless Steel



Classifications

- Class I, Division 1, Groups B, C & D
- Class II, Division 1, Groups E, F & G
- Class III
- Simultaneous Presence
- Class I, Zone 1 AEx db IIB+H2 T4 Gb
- Class II, Zone 21 AEx tb IIIC 135°C Db
- UL 1598A Marine Outside Type
- UL 1598Wet Locations
- UL 8750LED Safety
- UL 844 Hazardous Locations
- Emergency Battery Backup
- -40°C to 65°C Ambient Temperature
- CSA C22.2 No. 250.0-08
- CSA C22.2 No. 137-M1981
- NEMA 4X
- ABS Type Approved
- IP66
- Paint Spray Booth
- Tested to LM79 & LM80



IECEX

- Ex db op is IIB+H2 T4 Gb
- -40°C ≤ Tamb ≤ 65°C, IP66
- Ex op is tb IIIC T135°C Db
- -40°C ≤ Tamb ≤ 55°C, IP66
- Certificate: IECEX ITS 19.0026X

ATEX

- II 2 G D
- Ex db op is IIB+H2 T4 Gb
- -40°C ≤ Tamb ≤ 65°C, IP66
- Ex op is tb IIIC T135°C Db
- -40°C ≤ Tamb ≤ 55°C, IP66
- Certificate: ITS19ATEX104994X

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Certification Guide

| Model | Mount | Watts | Operating Voltage | Total Lumens | Lumens per Watt | CRI | CCT | Ambient Temperature* | Ex db | Class I, Div. I, Group C, D | Class II, Div. 1, Group E, F, G Class III | Simul Presence | Paint Spray Booth | Supply Wire Suitable Temp. °C | |
|-----------|------------|-------|-------------------------------------|--------------|-----------------|------|---------------------|----------------------|-------|-----------------------------|-------------------------------------------|----------------|-------------------|-------------------------------|------|
| EPXHBF15L | C, P, T, W | 153W | 120V-277V 50/60Hz 347V/480V 60Hz | 15044 | 98 | 74 | 5255 | -40°C < Tamb < 65°C | T4 | - | - | - | - | 90°C | |
| EPXHBF13L | C, P, T, W | 136W | | 13743 | 101 | 73 | 5228 | -40°C < Tamb < 65°C | T4 | - | - | - | - | - | 90°C |
| EPXHBF12L | C, P, T, W | 125W | | 12515 | 100 | 73 | 5190 | -40°C < Tamb < 65°C | T4 | - | - | - | - | - | 90°C |
| EPXHBF11L | C, P, T, W | 107W | | 11327 | 106 | 73 | 5187 | -40°C < Tamb < 65°C | T4 | - | - | - | - | - | 90°C |
| EPXHBF09L | C, P, T, W | 96W | | 10244 | 106 | 73 | 5171 | -40°C < Tamb < 65°C | T4 | - | - | - | - | - | 90°C |
| EPXHBF08L | C, P, T, W | 80W | | 8645 | 102 | 74 | 5157 | -40°C < Tamb < 65°C | T4 | - | - | - | - | - | 90°C |
| EPXHBF06L | C, P, T, W | 60W | | 7094 | 105 | 74 | 5119 | -40°C < Tamb < 65°C | T4 | - | - | - | - | - | 90°C |
| PXHBF15L | C, P, T | 153W | | 15044 | 98 | 74 | 5255 | -20°C < Tamb < 65°C | - | T4 | - | - | - | Yes | 90°C |
| PXHBF15L | C, P, T | 153W | | 15044 | 98 | 74 | 5255 | -20°C < Tamb < 54°C | - | T5 | 135°C | T4 | Yes | 90°C | |
| PXHBF13L | C, P, T | 136W | | 13743 | 101 | 73 | 5228 | -20°C < Tamb < 65°C | - | T4 | - | - | Yes | 90°C | |
| PXHBF13L | C, P, T | 136W | | 13743 | 101 | 73 | 5228 | -20°C < Tamb < 54°C | - | T5 | 135°C | T4 | Yes | 90°C | |
| PXHBF12L | C, P, T | 125W | | 12515 | 100 | 73 | 5190 | -20°C < Tamb < 65°C | - | T4 | - | - | Yes | 90°C | |
| PXHBF12L | C, P, T | 125W | | 12515 | 100 | 73 | 5190 | -20°C < Tamb < 54°C | - | T5 | 135°C | T4 | Yes | 90°C | |
| PXHBF11L | C, P, T | 107W | | 11327 | 106 | 73 | 5187 | -20°C < Tamb < 65°C | - | T4 | - | - | Yes | 90°C | |
| PXHBF11L | C, P, T | 107W | | 11327 | 106 | 73 | 5187 | -20°C < Tamb < 54°C | - | T5 | 135°C | T4 | Yes | 90°C | |
| PXHBF09L | C, P, T | 96W | | 10244 | 106 | 73 | 5171 | -20°C < Tamb < 65°C | - | T4 | - | - | Yes | 90°C | |
| PXHBF09L | C, P, T | 96W | | 10244 | 106 | 73 | 5171 | -20°C < Tamb < 54°C | - | T5 | 135°C | T4 | Yes | 90°C | |
| PXHBF08L | C, P, T | 80W | | 8645 | 102 | 74 | 5157 | -20°C < Tamb < 65°C | - | T4 | - | - | Yes | 90°C | |
| PXHBF08L | C, P, T | 80W | | 8645 | 102 | 74 | 5157 | -20°C < Tamb < 54°C | - | T5 | 135°C | T4 | Yes | 90°C | |
| PXHBF06L | C, P, T | 60W | | 7094 | 105 | 74 | 5119 | -20°C < Tamb < 65°C | - | T4 | - | - | Yes | 90°C | |
| PXHBF06L | C, P, T | 60W | 7094 | 105 | 74 | 5119 | -20°C < Tamb < 54°C | - | T5 | 135°C | T4 | Yes | 90°C | | |

* Ambient temperature range is 0°C < Tamb < 40°C when EM option is selected.

PXHBF 15 - L - U - 5 - G - T - XX



- 1**
BASIC LUMINAIRE
PXHBF = North American Standards
EPXHBF = ATEX and IECEx Standards
- 2**
LAMP WATTAGE
15 = 153Watt
13 = 136Watt
12 = 125Watt
11 = 107Watt
09 = 96Watt
08 = 80Watt
06 = 60Watt
- 3**
LAMP TYPE
L = LED (5000K CCT)
- 4**
VOLTAGE/FREQUENCY
U = 120-277V 50/60HZ
N = 347/480V 50/60HZ
- 5**
OPTICS*
Blank = Type V Medium
1 = Type I
3 = Type III
N = Type V Narrow Beam
5 = Type V Wide Beam
VN = Type V Very Narrow
- 6**
GUARD
G = Stainless Steel Wire Guard
- 7**
MOUNTING STYLE
P = 3/4" Pendant Mount
P1 = 1" Pendant Mount
C = 3/4" Ceiling Mount
C1 = 1" Ceiling Mount
W = 3/4" Wall Mount³
W1 = 1" Wall Mount³
T = Trunion Mount
TP = Trunion/3/4" Pendant Mount
- 8**
OPTIONS
EB = Eye Bolts (2)
EM = Emergency Battery Backup¹
FB1 = Single Fuse Block²
FB2 = Double Fuse Block²
30 = 3000K CCT
40 = 4000K CCT

* 60 and 80 watt models available as Type V Medium only

- 1 EM option not available with 347/480V, EPXHBF or 60 and 80 watt models.
- 2 When selected one fuse block is provided for 120 or 277V, two fuse blocks/fuses are provided for 208-240V or 480V. Fuse options not available for 347V, fixtures listed for use in Canada, marine listed fixtures or fixtures with EM option.
- 3 Not available on PXHBF models.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.