

# XHBF LED

Explosionproof LED  
area lighting

**RIG-A-LITE™**  
An Avail Infrastructure Solutions Company

## 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

## 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 1598 Wet Locations
- UL 8750 LED 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



## 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

- 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**
- CE  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

## 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	
EXHBF15L	C, P, T, W	153W	120V - 277V 50/60 Hz 347V/480V 60Hz	15044	98	80	5255	-40°C < Tamb < 65°C	T5	-	-	-	-	90°C	
EXHBF13L	C, P, T, W	136W		13743	101	80	5228	-40°C < Tamb < 65°C	T5	-	-	-	-	-	90°C
EXHBF12L	C, P, T, W	125W		12515	100	80	5190	-40°C < Tamb < 65°C	T5	-	-	-	-	-	90°C
EXHBF11L	C, P, T, W	107W		11327	106	80	5187	-40°C < Tamb < 65°C	T5	-	-	-	-	-	90°C
EXHBF09L	C, P, T, W	96W		10244	106	80	5171	-40°C < Tamb < 65°C	T5	-	-	-	-	-	90°C
EXHBF08L	C, P, T, W	80W		8645	102	80	5157	-40°C < Tamb < 65°C	T5	-	-	-	-	-	90°C
EXHBF06L	C, P, T, W	60W		7094	105	80	5119	-40°C < Tamb < 65°C	T5	-	-	-	-	-	90°C
XHBF15L	C, P, T	153W		15044	98	80	5255	-20°C < Tamb < 65°C	-	T5	-	-	-	Yes	90°C
XHBF15L	C, P, T	153W		15044	98	80	5255	-20°C < Tamb < 54°C	-	T5	135°C	T5	Yes	Yes	90°C
XHBF13L	C, P, T	136W		13743	101	80	5228	-20°C < Tamb < 65°C	-	T5	-	-	-	Yes	90°C
XHBF13L	C, P, T	136W		13743	101	80	5228	-20°C < Tamb < 54°C	-	T5	135°C	T5	Yes	Yes	90°C
XHBF12L	C, P, T	125W		12515	100	80	5190	-20°C < Tamb < 65°C	-	T5	-	-	-	Yes	90°C
XHBF12L	C, P, T	125W		12515	100	80	5190	-20°C < Tamb < 54°C	-	T5	135°C	T5	Yes	Yes	90°C
XHBF11L	C, P, T	107W		11327	106	80	5187	-20°C < Tamb < 65°C	-	T5	-	-	-	Yes	90°C
XHBF11L	C, P, T	107W		11327	106	80	5187	-20°C < Tamb < 54°C	-	T5	135°C	T5	Yes	Yes	90°C
XHBF09L	C, P, T	96W		10244	106	80	5171	-20°C < Tamb < 65°C	-	T5	-	-	-	Yes	90°C
XHBF09L	C, P, T	96W		10244	106	80	5171	-20°C < Tamb < 54°C	-	T5	135°C	T5	Yes	Yes	90°C
XHBF08L	C, P, T	80W		8645	102	80	5157	-20°C < Tamb < 65°C	-	T5	-	-	-	Yes	90°C
XHBF08L	C, P, T	80W		8645	102	80	5157	-20°C < Tamb < 54°C	-	T5	135°C	T5	Yes	Yes	90°C
XHBF06L	C, P, T	60W		7094	105	80	5119	-20°C < Tamb < 65°C	-	T5	-	-	-	Yes	90°C
XHBF06L	C, P, T	60W	7094	105	80	5119	-20°C < Tamb < 54°C	-	T5	135°C	T5	Yes	Yes	90°C	

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

# XHBF 15 - L - U - 5 - G - T - XX

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**1**  
**BASIC LUMINAIRE**

XHBF = North American Standards  
EXHBF = ATEX and IECEx Standards

**2**  
**LAMP WATTAGE**

15 = 153 Watt  
13 = 136 Watt  
12 = 125 Watt  
11 = 107 Watt  
09 = 96 Watt  
08 = 80 Watt  
06 = 60 Watt

2

**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

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**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 Mount<sup>3</sup>  
W1 = 1" Wall Mount<sup>3</sup>  
T = Trunnion Mount  
TP = Trunnion/3/4" Pendant Mount

**8**  
**OPTIONS**

EB = Eye Bolts (2)  
EM = Emergency Battery Backup<sup>1,4</sup>  
FB1 = Single Fuse Block<sup>2</sup>  
FB2 = Double Fuse Block<sup>2</sup>  
30 = 3000K CCT  
40 = 4000K CCT



An Avail Infrastructure Solutions Company

[availinfra.com/rig-a-lite](http://availinfra.com/rig-a-lite)

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

1 EM option not available with 347/480V, EXHBF 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 XHBF models.

4 10.4 watts delivered for 90 minutes.

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