

# HXHBF

## EXPLOSION PROOF LED AREA LIGHT




### Classifications

- Class I, Division I, Groups B, C & D
- Class II, Division I, Groups E, F & G
- Class III
- Simultaneous Presence
- Class I, Zone I AEx db IIB+H2 T4 Gb
- Class II, Zone 2I 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
- 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

### 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 circuitboards & drivers with quick disconnects
- Optional trunnion mount with 5 locking positions in 15° increments
- (2) safety cable attachment points with optional eye-bolts

### 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

### Additional Features

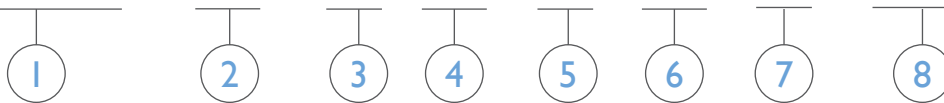
- Certified for hydrogen atmospheres (Group B)
- Emergency Battery Backup option with switching capability
- Mates directly to SXP/SXPJ HID mounts
- 0-10V dimming, range 10-100%
- Standard 10kV surge protection
- 5-year warranty

**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. I, Group E, F, G Class III	Simul Presence	Paint Spray Booth	Supply Wire Suitable Temp. °C	
HXHBF15L	C, P, T, W	153W	120V - 277V 50/60 Hz 347V/480V 60Hz	15044	98	74	5255	-40°C < Tamb < 65°C	T4	-	-	-	-	90°C	
HXHBF13L	C, P, T, W	136W		13743	101	73	5228	-40°C < Tamb < 65°C	T4	-	-	-	-	-	90°C
HXHBF12L	C, P, T, W	125W		12515	100	73	5190	-40°C < Tamb < 65°C	T4	-	-	-	-	-	90°C
HXHBF11L	C, P, T, W	107W		11327	106	73	5187	-40°C < Tamb < 65°C	T4	-	-	-	-	-	90°C
HXHBF09L	C, P, T, W	96W		10244	106	73	5171	-40°C < Tamb < 65°C	T4	-	-	-	-	-	90°C
HXHBF08L	C, P, T, W	80W		8645	102	74	5157	-40°C < Tamb < 65°C	T4	-	-	-	-	-	90°C
HXHBF06L	C, P, T, W	60W		7094	105	74	5119	-40°C < Tamb < 65°C	T4	-	-	-	-	-	90°C
HXHBF15L	C, P, T	153W		15044	98	74	5255	-20°C < Tamb < 65°C	-	T4	-	-	-	Yes	90°C
HXHBF15L	C, P, T	153W		15044	98	74	5255	-20°C < Tamb < 54°C	-	T5	135°C	T4	Yes	Yes	90°C
HXHBF13L	C, P, T	136W		13743	101	73	5228	-20°C < Tamb < 65°C	-	T4	-	-	-	Yes	90°C
HXHBF13L	C, P, T	136W		13743	101	73	5228	-20°C < Tamb < 54°C	-	T5	135°C	T4	Yes	Yes	90°C
HXHBF12L	C, P, T	125W		12515	100	73	5190	-20°C < Tamb < 65°C	-	T4	-	-	-	Yes	90°C
HXHBF12L	C, P, T	125W		12515	100	73	5190	-20°C < Tamb < 54°C	-	T5	135°C	T4	Yes	Yes	90°C
HXHBF11L	C, P, T	107W		11327	106	73	5187	-20°C < Tamb < 65°C	-	T4	-	-	-	Yes	90°C
HXHBF11L	C, P, T	107W		11327	106	73	5187	-20°C < Tamb < 54°C	-	T5	135°C	T4	Yes	Yes	90°C
HXHBF09L	C, P, T	96W		10244	106	73	5171	-20°C < Tamb < 65°C	-	T4	-	-	-	Yes	90°C
HXHBF09L	C, P, T	96W		10244	106	73	5171	-20°C < Tamb < 54°C	-	T5	135°C	T4	Yes	Yes	90°C
HXHBF08L	C, P, T	80W		8645	102	74	5157	-20°C < Tamb < 65°C	-	T4	-	-	-	Yes	90°C
HXHBF08L	C, P, T	80W		8645	102	74	5157	-20°C < Tamb < 54°C	-	T5	135°C	T4	Yes	Yes	90°C
HXHBF06L	C, P, T	60W		7094	105	74	5119	-20°C < Tamb < 65°C	-	T4	-	-	-	Yes	90°C
HXHBF06L	C, P, T	60W		7094	105	74	5119	-20°C < Tamb < 54°C	-	T5	135°C	T4	Yes	Yes	90°C

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

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


**1 BASIC LUMINAIRE**

XHBF = North American Standards  
EXHBF = ATEX and IECEx Standards

**3 LAMP TYPE**

L = LED (5000K CCT)

**6 GUARD**

G = Stainless Steel Wire Guard

**2 LAMP WATTAGE**

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

**4 VOLTAGE/FREQUENCY**

U = 120- 277V 50/60HZ  
N = 347/480V 50/60HZ

**7 MOUNTING STYLE**

P = 3/4" Pendant Mount  
PI = 1" Pendant Mount  
C = 3/4" Ceiling Mount  
CI = 1" Ceiling Mount  
W = 3/4" Wall Mount <sup>3</sup>  
WI = 1" Wall Mount <sup>3</sup>  
T = Trunion Mount  
TP = Trunion/3/4" Pendant Mount

**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

**8 OPTIONS**

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

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

- EM option not available with 347/480V, EXHBF or 60 and 80 watt models.
- 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.
- Not available on XHBF models.