

HLHFL FLOOD LIGHT

LED flood lighting for hazardous locations

Features

- High-performance precision optics system
- Driver access plate features stainless steel safety retention chain and captive hardware
- Field replaceable LED circuit boards and drivers with quick disconnects
- Approved for high-ambient applications, up to 65° C
- Two (2) permanent safety cable retention points
- Supplemental 10kV surge protection
- Dual hub entries, feed-through capable
- Optional polycarbonate lens
- Terminal block
- 5-year warranty

Standard Materials

- Body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gaskets: Silicone
- Lens: Tempered Glass
- Hardware: Stainless Steel

Certification Guide

| Model | Mount | Watts | Operating Voltage | Total Lumens | Lumens per Watt | CRI | CCT | Ambient Temperature | Class I, Div. 2, Group A, B, C, D | Class II, Div. 1, Group E, F, G Class III | Simul Presence | IECEX ATEX Listed | Supply Wire Suitable Temp. °C | Ship. Weight (lbs) |
|----------------|----------|-------|---------------------|--------------|-----------------|-----|------|---------------------|-----------------------------------|---|----------------|-------------------|-------------------------------|--------------------|
| HLHFL07LUT76 | Trunnion | 70W | 120V - 277V 50/60Hz | 6919 | 106 | 72 | 5108 | -20°C < Tamb < 55°C | T5 | T4A | T4A | - | 90°C | 42 |
| HLHFL07LNT76 | Trunnion | 70W | 347V/480V 60Hz | 6919 | 106 | 72 | 5108 | -20°C < Tamb < 55°C | T5 | T4A | T4A | - | 90°C | 42 |
| HLHFL15LUT76 | Trunnion | 130W | 120V - 277V 50/60Hz | 13562 | 105 | 73 | 5088 | -20°C < Tamb < 55°C | T5 | T4A | T4A | - | 90°C | 44 |
| HLHFL15LNT76 | Trunnion | 130W | 347V/480V 60Hz | 13562 | 105 | 73 | 5088 | -20°C < Tamb < 55°C | T5 | T4A | T4A | - | 90°C | 44 |
| HLHFL20LUT76 | Trunnion | 188W | 120V - 277V 50/60Hz | 19518 | 104 | 75 | 5218 | -20°C < Tamb < 55°C | T5 | T4A | T4A | - | 90°C | 45 |
| HLHFL20LNT76 | Trunnion | 188W | 347V/480V 60Hz | 19518 | 104 | 75 | 5218 | -20°C < Tamb < 55°C | T5 | T4A | T4A | - | 90°C | 45 |
| HLHFL07LUT76 | Trunnion | 70W | 120V - 277V 50/60Hz | 6919 | 106 | 72 | 5108 | -20°C < Tamb < 65°C | T5 | - | - | - | 105°C | 42 |
| HLHFL07LNT76 | Trunnion | 70W | 347V/480V 60Hz | 6919 | 106 | 72 | 5108 | -20°C < Tamb < 65°C | T5 | - | - | - | 105°C | 42 |
| HLHFL15LUT76 | Trunnion | 130W | 120V - 277V 50/60Hz | 13562 | 105 | 73 | 5088 | -20°C < Tamb < 65°C | T5 | - | - | - | 105°C | 44 |
| HLHFL15LNT76 | Trunnion | 130W | 347V/480V 60Hz | 13562 | 105 | 73 | 5088 | -20°C < Tamb < 65°C | T5 | - | - | - | 105°C | 44 |
| HLHFL20LUT76 | Trunnion | 188W | 120V - 277V 50/60Hz | 19518 | 104 | 75 | 5218 | -20°C < Tamb < 65°C | T5 | - | - | - | 105°C | 45 |
| HLHFL20LNT76 | Trunnion | 188W | 347V/480V 60Hz | 19518 | 104 | 75 | 5218 | -20°C < Tamb < 65°C | T5 | - | - | - | 105°C | 45 |
| HEXLHFL07LUT76 | Trunnion | 70W | 120V - 277V 50/60Hz | 6919 | 106 | 72 | 5108 | -20°C < Tamb < 55°C | - | - | - | Yes | 105°C | 42 |
| HEXLHFL15LUT76 | Trunnion | 130W | 120V - 277V 50/60Hz | 13562 | 105 | 73 | 5088 | -20°C < Tamb < 55°C | - | - | - | Yes | 105°C | 44 |
| HEXLHFL20LUT76 | Trunnion | 188W | 120V - 277V 50/60Hz | 19518 | 104 | 75 | 5218 | -20°C < Tamb < 55°C | - | - | - | Yes | 105°C | 45 |

Classifications

- Class I, Division 2, Groups A, B, C and D
- Class II, Divisions 1 & 2, Groups E, F and G
- Class III
- Zone 2, Groups IIA, IIB & IIC
- UL 844 Hazardous Locations
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- 65°C Ambient Temperature (Class I, Division 2)
- 55°C Ambient Temperature (Class II & III)
- CAN/CSA C22.2 No. 250.0-08
- CAN/CSA C22.2 No. 137-M1981
- DLC Listed

IECEX

- Ex nA nC IIC T5 Gc
- Ex tc IIIC T100°C Dc
- -20°C ≤ Ta ≤ 55°C, IP66
- Certificate: IECEX ETL 14.0003X

ATEX

- II 3 GD
- Ex nA nC IIC T5 Gc
- Ex tc IIIC T100°C Dc
- -20°C ≤ Ta ≤ 55°C, IP66
- Certificate: ITS14ATEX47946X
- ABS Type Approved
- IP66
- NEMA 4X
- Tested to LM79, LM80 Standards



Ordering Information

Product Number: ELHFL

S:

IW:

LT:

V/F:

M:

BD:

O:

| Series | Input Watts | Lamp Type | Voltage/ Frequency | Mounting | Beam Distribution | Options |
|--|------------------------------------|----------------------|---|--------------|-------------------|--|
| HLHFL = N. American Standards HEXLHFL = IEC, ATEX Standards | 07 = 70W 15 = 130W 20 = 188W | L = LED (5,000K CCT) | U = 120 thru 277V 50/60 HZ N = 347/480V 60 HZ 12 = 120V 60 HZ 1 22 = 220V 60 HZ 1 24 = 240V 60 HZ 1 27 = 277V 60 HZ 1 34 = 347V 60 HZ 1 48 = 480V 60 HZ | T = Trunnion | 76 = 7H x 6V | EB = Eye Bolt FB1 = Single Fuse Block1,3 FB2 = Double Fuse Block1,3 SC = Safety Cable (Eye Bolt Included) PC = Polycarbonate Lens (for Class I & II, Div. 2) 40 = 4000K CCT |