

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

PLHFL 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

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

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)
PLHFL07LUT76	Trunnion	70W	120V - 277V 50/60Hz	6919	106	72	5108	-20°C < Tamb < 55°C	T5	T4A	T4A	-	90°C	42
PLHFL07LNT76	Trunnion	70W	347V/480V 60Hz	6919	106	72	5108	-20°C < Tamb < 55°C	T5	T4A	T4A	-	90°C	42
PLHFL15LUT76	Trunnion	130W	120V - 277V 50/60Hz	13562	105	73	5088	-20°C < Tamb < 55°C	T5	T4A	T4A	-	90°C	44
PLHFL15LNT76	Trunnion	130W	347V/480V 60Hz	13562	105	73	5088	-20°C < Tamb < 55°C	T5	T4A	T4A	-	90°C	44
PLHFL20LUT76	Trunnion	188W	120V - 277V 50/60Hz	19518	104	75	5218	-20°C < Tamb < 55°C	T5	T4A	T4A	-	90°C	45
PLHFL20LNT76	Trunnion	188W	347V/480V 60Hz	19518	104	75	5218	-20°C < Tamb < 55°C	T5	T4A	T4A	-	90°C	45
PLHFL07LUT76	Trunnion	70W	120V - 277V 50/60Hz	6919	106	72	5108	-20°C < Tamb < 65°C	T5	-	-	-	105°C	42
PLHFL07LNT76	Trunnion	70W	347V/480V 60Hz	6919	106	72	5108	-20°C < Tamb < 65°C	T5	-	-	-	105°C	42
PLHFL15LUT76	Trunnion	130W	120V - 277V 50/60Hz	13562	105	73	5088	-20°C < Tamb < 65°C	T5	-	-	-	105°C	44
PLHFL15LNT76	Trunnion	130W	347V/480V 60Hz	13562	105	73	5088	-20°C < Tamb < 65°C	T5	-	-	-	105°C	44
PLHFL20LUT76	Trunnion	188W	120V - 277V 50/60Hz	19518	104	75	5218	-20°C < Tamb < 65°C	T5	-	-	-	105°C	45
PLHFL20LNT76	Trunnion	188W	347V/480V 60Hz	19518	104	75	5218	-20°C < Tamb < 65°C	T5	-	-	-	105°C	45
PEXLHFL07LUT76	Trunnion	70W	120V - 277V 50/60Hz	6919	106	72	5108	-20°C < Tamb < 55°C	-	-	-	Yes	105°C	42
PEXLHFL15LUT76	Trunnion	130W	120V - 277V 50/60Hz	13562	105	73	5088	-20°C < Tamb < 55°C	-	-	-	Yes	105°C	44
PEXLHFL20LUT76	Trunnion	188W	120V - 277V 50/60Hz	19518	104	75	5218	-20°C < Tamb < 55°C	-	-	-	Yes	105°C	45

Ordering Information

Product Number: ELHFL S: IW: LT: V/F: M: BD: O:

Series	Input Watts	Lamp Type	Voltage/ Frequency	Mounting	Beam Distribution	Options
PLHFL = N. American Standards PEXLHFL = 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 22 = 220V 60 HZ 24 = 240V 60 HZ 27 = 277V 60 HZ 34 = 347V 60 HZ 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