

LHFL FLOOD LIGHT

LED flood lighting for hazardous locations



Key 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

Additional Features

- Supplemental 10kV surge protection
- Dual hub entries, feed-through capable
- Optional polycarbonate lens
- Terminal block
- 5-year warranty

Classifications

- Class I, Division 2, Groups A, B, C and D
- Class II, Divisions I & 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

Standard Materials

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

Gaskets: Silicone

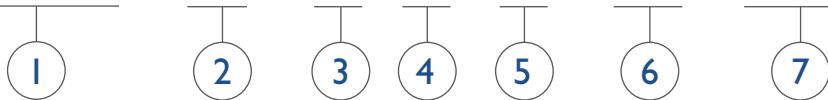
Lens: Tempered Glass

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. I, Group E, F, G Class III	Simul Presence	IECEX ATEX Listed	Supply Wire Suitable Temp. °C	Ship. Weight (lbs)
LHFL07LUT76	Trunnion	70W	120V - 277V 50/60Hz	6919	106	72	5108	-20°C < Tamb < 55°C	T5	T4A	T4A	–	90°C	42
LHFL07LNT76	Trunnion	70W	347V/480V 60Hz	6919	106	72	5108	-20°C < Tamb < 55°C	T5	T4A	T4A	–	90°C	42
LHFL15LUT76	Trunnion	130W	120V - 277V 50/60Hz	13562	105	73	5088	-20°C < Tamb < 55°C	T5	T4A	T4A	–	90°C	44
LHFL15LNT76	Trunnion	130W	347V/480V 60Hz	13562	105	73	5088	-20°C < Tamb < 55°C	T5	T4A	T4A	–	90°C	44
LHFL20LUT76	Trunnion	188W	120V - 277V 50/60Hz	19518	104	75	5218	-20°C < Tamb < 55°C	T5	T4A	T4A	–	90°C	45
LHFL20LNT76	Trunnion	188W	347V/480V 60Hz	19518	104	75	5218	-20°C < Tamb < 55°C	T5	T4A	T4A	–	90°C	45
LHFL07LUT76	Trunnion	70W	120V - 277V 50/60Hz	6919	106	72	5108	-20°C < Tamb < 65°C	T5	–	–	–	105°C	42
LHFL07LNT76	Trunnion	70W	347V/480V 60Hz	6919	106	72	5108	-20°C < Tamb < 65°C	T5	–	–	–	105°C	42
LHFL15LUT76	Trunnion	130W	120V - 277V 50/60Hz	13562	105	73	5088	-20°C < Tamb < 65°C	T5	–	–	–	105°C	44
LHFL15LNT76	Trunnion	130W	347V/480V 60Hz	13562	105	73	5088	-20°C < Tamb < 65°C	T5	–	–	–	105°C	44
LHFL20LUT76	Trunnion	188W	120V - 277V 50/60Hz	19518	104	75	5218	-20°C < Tamb < 65°C	T5	–	–	–	105°C	45
LHFL20LNT76	Trunnion	188W	347V/480V 60Hz	19518	104	75	5218	-20°C < Tamb < 65°C	T5	–	–	–	105°C	45
EXLHFL07LUT76	Trunnion	70W	120V - 277V 50/60Hz	6919	106	72	5108	-20°C < Tamb < 55°C	–	–	–	Yes	105°C	42
EXLHFL15LUT76	Trunnion	130W	120V - 277V 50/60Hz	13562	105	73	5088	-20°C < Tamb < 55°C	–	–	–	Yes	105°C	44
EXLHFL20LUT76	Trunnion	188W	120V - 277V 50/60Hz	19518	104	75	5218	-20°C < Tamb < 55°C	–	–	–	Yes	105°C	45

LHFL - 20 - L - U - T - 76 - XX



1
SERIES
 LHFL = N.American Standards
 EXLHFL = IEC, ATEX Standards

2
INPUT WATTS
 07 = 70W
 15 = 130W
 20 = 188W

3
LAMP TYPE
 L = LED (5,000K CCT)

4
VOLTAGE/FREQUENCY
 U = 120 thru 277V 50/60 HZ
 N = 347/480V 60 HZ
 12 = 120V 60 HZ¹
 22 = 220V 60 HZ¹
 24 = 240V 60 HZ¹
 27 = 277V 60 HZ¹
 34 = 347V 60 HZ¹
 48 = 480V 60 HZ¹

5
MOUNTING
 T = Trunnion

6
BEAM DISTRIBUTION
 76 = 7H x 6V

7
OPTIONS²
 EB = Eye Bolt
 FB1 = Single Fuse Block^{1,3}
 FB2 = Double Fuse Block^{1,3}
 SC = Safety Cable (Eye Bolt Included)
 PC = Polycarbonate Lens
 (for Class I & II, Div. 2)⁴
 40 = 4000K CCT

1 Voltages for fuse block and surge protector.
 2 Consult factory for pricing.
 3 Not for Marine application, not available for ATEX/IECEX
 3 Not available for ATEX/IECEX

Part numbering logic is for explaining part number structure only. Not all combinations are possible; consult factory for catalog numbers not listed on chart. For IECEX/ATEX listing use prefix EX in the series number (eg, EXLHFL)