**LHFL FLOOD LIGHT**

**LED flood lighting for hazardous locations**

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**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

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**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
  - Ex nA nC IIC T5 Gc
  - Ex tc IIIC T100°C Dc
  - -20°C ≤ Ta ≤ 55°C, IP66
  - Certificate: ITSl4ATEX47946X
  - ABS Type Approved
  - IP66
  - NEMA 4X
  - Tested to LM79, LM80 Standards

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

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

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AZZ Lighting Systems | 8500 Hansen Road, Houston, TX 77075 | (713) 943-0340 | azz.com/ligalite
# Certification Guide

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### Notes

1. Voltages for fuse block and surge protector.
2. Consult factory for pricing.
3. Not for Marine application, not available for ATEX/IECEX
4. 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).

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