KFL-X
Next-Generation Floodlight for Harsh and Hazardous Environments

Quad Approvals for NEC/CEC/IECEx/ATEX
-40°C to +65°C ambient rated

Vast Range of Optics including spot & wide options

Intelligent Battery backup with built in self-monitoring & testing

Clamshell splice box for easy and unimpeded wiring access

DIMENSIONS

Housing Material: Copper-Free Aluminum
Finish: Powder Epoxy Painted
External Hardware: 316 Stainless Steel
Weight: 25lbs (11.3kgs)

GLOBAL

INTELLIGENT

VERSATILE

EASY INSTALL

Hubbell Products Mexico
Calle 14 No. 169, Col. Roma
Mexico, D.F., 06100
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Hubbell Canada LP
870 Brock Road South
Pickering, Ontario L1W 1Z8
(905) 839-1138
infohclp@hubbell-canada.com

Hubbell Canada LP
471 Brosa Road South
Peterborough, ON K9J 0C8
(905) 831-7131
info@hubbell-canada.com

Housing Material:

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KFL-X

LED COLOR OPTIONS

- 5000K Crisp white light maximizes the output of the LEDs with a color that is equivalent to noontime sun
- 3000K Warm white light that is similar in color to a soft white incandescent
- AMBER Pure Amber LEDs have zero energy in the blue light spectrum that is designed as a marine life friendly option for coastal regions
- GREEN Pure Green LEDs are designed to avoid using wavelengths that disorientate and sometimes attract nocturnal migrating birds.

INTELLIGENT BATTERY BACKUP

- Self-diagnostics monitoring
- Automatic Self-Testing
- Failure health status indication
- User initiated Self-Test
- 15 minute delay once power is restored
- Automatic unit transfer in brown-out conditions

MOUNTING OPTIONS

- Pole Mount: Standard mounting for KFL-X floodlight
- Jib Crane: Auto-leveling with shock absorber, and vibration isolators designed for the demands of luminaire mounted to jib cranes
- Yoke: Standard mounting for KFL-X floodlight

OPTIC OPTIONS

- Normal: Delivers evenly distributed light, perfect for a general area lighting with normal mounting heights.
- Perimeter: This optic was designed specifically for the needs of perimeter lighting. This asymmetric beam pattern offers a low and wide distribution that is perfect for illuminating fence lines.
- Spot: Offers high lumen density at taller mounting heights, perfect for focused lighting areas.

CATALOG LOGIC

- KFL Series
- Lumen Output:
  - 7 – 7,000 lumens
  - 10 – 10,000 lumens
  - 14 – 14,000 lumens
  - 20 – 20,000 lumens
  - 30 – 30,000 lumens
- Emergency:
  - iE05 – 500 lumens during 180 minute emergency*
  - iE1 – 1000 lumens during 90 minute emergency*
- Voltage:
  - 30 – 30-277 VAC 50/60 Hz (all models)
  - 33 – 347-480 VAC 50/60 Hz (non emergency models only)
  - 34 – 125-265 VDC; 120-277 VAC 50/60 Hz (non emergency models)

- Logic Options:
  - Normal:
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- Class I, Div. 2, Groups A,B,C,D
- Class II, Div. 1&2, Groups EFG
- Class III
- Suitable for wet locations
- Marine Rated (US Only)
- Type A, G
- Wet
- Tmag: -50°C < Tma < +65°C
- 30°C and Zone 21 areas
- as per IEC 747-120°C, IP65
- Standard Variations:
  - IP20, IP55, IP66
  - TC (40°C to 45°C)
  - TC (40°C to 55°C)

- Logic Options (not available on 14 or 30 lumen outputs)
  - Blank – no supplemental optics
  - W – Wide
  - S – Spot
  - P – Perimeter

- Blank – no supplemental optics, available only as 14 and 30 lumen outputs
- Only available on 14 output selections

- Tamb -50°C to +65°C
- Zone 2 and Zone 21 areas
- Ex ec IIC T5/T4 Gc
- Ex tb IIIC T95°C Db, IP66
- Standard Version
  - -40°C < Tamb < +65°C < 120W
  - -40°C < Tamb < +40°C / +55°C > 120W
- Battery Backup Version
  - -20°C < Tamb < +50°C

- ECOLOGICALLY FRIENDLY
- SHIELDED
- LOW
- LONG
- GREEN
- Pure Green LEDs are designed to avoid using wavelengths that disorientate and sometimes attract nocturnal migrating birds.
LOGIC OPTIONS

CATALOG LOGIC

KFL Series

30
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5000K Crisp white light maximizes the output of the LEDs with a color that is equivalent to noontime sun
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GREEN Pure Green LEDs are designed to avoid using wavelengths that disorient and sometimes attract migratory birds.

MOUNTING OPTIONS

Pole Mount
(coming soon!)
1 ¼” and 1 ½” NPT Pipe
Tilt-aim allows for precise illumination when the KFL-X is mounted on the end of a pole

Jib Crane
Auto-leveling with shock absorber, and vibration isolators designed for the demands of luminaire mounted to jib cranes

ECOLOGICALLY FRIENDLY

APPROXIMATE USE OF LED COLOR OPTIONS

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