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

Quad Approvals for NEC/CEC/IECEx/ATEX
-50°C to +65°C ambient rated

Vast Range of Optics including spot & wide options
Clamshell splice box for easy and unimpeded wiring access

INTELLIGENT
Intelligent Battery backup with built in self-monitoring & testing

VERSATILE
Intelligent Battery backup with built in self-monitoring & testing

EASY INSTALL
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: 25 lbs (11.3kgs)

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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 – 120-277 VAC 50/60 Hz (all models)
33 – 347-480 VAC 50/60 Hz (non emergency models only)
34 – 125-250 VDC; 120-277 VAC 50/60 Hz (non emergency models)

LOGIC OPTIONS

Logic Options
2070 – 3000K CCT & 70 CRI LEDs
Turtle – Amber LEDs
Py – Photocell
SY – Stainless Steel Yoke
PL – Polycarbonate Lens
PM – Pole Mount

Optics (not available on 30,000 lumens)
Blank – no supplemental optics
W – Wide
S – Spot
P – Perimeter

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

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

5000K
Crisp white light maximizes the output of the LEDs with a color that is equivalent to noontime sun

INTELLIGENT BATTERY BACKUP

• Self-diagnostic monitoring
• Automatic Self-Testing
• Fixture health status indication
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• 15 minute delay once power is restored
• Automatic unit transfer in brown-out conditions

MOUNTING OPTIONS

Pole Mount
1 ½” and 1 ½” NPT Pipe

Yoke
Standard mounting for KFL-X floodlight

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

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 tenesque lines.

Spot
Offers high lumen density at taller mounting heights, perfect for focused lighting areas.

MOUNTING OPTIONS

Pole Mount
1 ¼” and 1 ½” NPT Pipe
Auto-leveling with shock-absorber, and vibration isolators designed for the demands of luminaires mounted to PH crane

Yoke
Standard mounting for KFL-X floodlight

INTELLIGENT BATTERY BACKUP

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CATALOG LOGIC

KFL Series 30 IE05 3070 Logic Options
2070 – 3000K CCT & 70 CRI LEDs
Turbo – Amber LEDs**
Px – Photocell
SY – Stainless Steel Yoke
PL – Polycarbonate Lens
PM – Pole Mount

Optics (not available on 30,000 lumens)
Blank – no supplemental optics
W – Wide
S – Spot
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*Barely available on 7 and 16 lumen outputs
* Only available on 30K output
** Only available on 7 and 14 lumen outputs

Class I, Div. 1, Groups A,B,D
Class I, Div. 1 & 2, Groups B,F,G
Class II
Suitable for wet locations
Marine Rated (US Only)
Type 3, 4X
IP66
Tamb -50°C to +65°C
(Pending)

Class II, Div. 1&2, Groups EFG
Ex ec IIC T6…T3, Gc
Ex op is tb IIIC T160°C Db
Tamb -50°C to +65°C

Zone 2 and Zone 21 areas
Ex ec IIC T6…T3, Gc
Ex op is tb IIIC T160°C Db
Tamb -50°C to +65°C (Pending)
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.

OPTIC OPTIONS

- **Normal**: Delivers evenly distributed light, perfect for a general area lighting with normal mounting heights.
- **Perimeter**: 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.

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