



KF1L10530D20IEX4B - KF1L Series LED Floodlight, Explosion Proof 105 Watt, 120-277 VAC , 5000K, 8362 Lumens

By Killark
Catalog # [KF1L10530D20IEX4B](#)

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Features

- Standard supplemental 6KV surge protection
- Optional supplementary surge protection available 20KA/10KV (120-277 VAC), 10KA/10KV (347-480 VAC)
- Factory Sealed Construction
- Crisp White Light for Excellent Color Rendering - Chromaticity 5000 K (CCT) approx. 70 CRI
- Energy Savings - High lumens per watt
- Long Life - 100,000+ maintenance free hours to 70% initial lumens
- Instant On - Including after power interruption
- One 3/4" NPT & one M20 entry standard
- World Voltage 120 - 277VAC 50/60Hz
- Solderless LED Board Connections - Vibration Resistant
- LM80-08 Measurement of lumen maintenance for LED light sources
- LM79-08 Certified "Absolute" Photometry, including Chromaticity Color for Solid State Lighting
- L70 Values - Industry Nomenclature for Hours of use to 70% of Initial Lumens (TM-21+ Cal.)

Application

LED KF1L Series Explosion-proof Floods are designed for installations where moisture, dirt, dust, corrosion and vibration may be present, or NEMA 3 and 4X areas where wind, water, snow or high ambients can be expected. They can be used in locations made hazardous by the presence of flammable vapors or gases or combustible dusts as defined by the NEC.

Specifications

Hazardous Rating(s)	<ul style="list-style-type: none"> • Class I, Divisions 1 & 2, Groups B, C, D • Class I, Zones 1 & 2, Groups IIB+H2, IIA • Class II, Divisions 1 & 2, Groups E, F, G • Class III, Divisions 1 & 2 • Zone 1 • Zone 21
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IP Rating	IP66
EU RoHS Indicator	Contact Manufacturer
Buy America(n) Qualified	Contact Manufacturer

Current

Frequency Rating	50/60 Hz
Lumens Per Watt	132.6
Wattage	105 W
Voltage Rating	120-277 VAC

Dimensions

Hub Size	M20
Weight	46 lb.

General

Series	KF1L Series
Material	Aluminum, Copper Free (less than 4/10 of 1%)
Finish Type	Powder Epoxy Paint
Optic Type	Glass Lens
UPC	783936120843
Light Source	LED
Mounting Type	Trunnion

Operational

Operating Temperature Range Celcius	-40°C to 55°C
Operating Temperature Celcius Max	55
Operating Temperature Celcius Min	-40 °C
Lumens	8362
Lumen Range	10,001-15,000 lm

Product Assets

- [Catalog \[English\]](#)
- [Installation Manual \[French, English\]](#)
- [Installation Manual \[Spanish\]](#)