



KFLC1827 - KFLC Series LED Floodlight, Hazardous Rated 18 Watt, 12-24 VDC, 5000K, 1830 Lumens

By Killark
Catalog # [KFLC1827](#)

KFLC Series LED Floodlight, Hazardous Rated 18 Watt, 12-24 VDC, 5000K, 1830 Lumens

Features

- Standard supplemental 6KV surge protection
- Optional supplementary surge protection available 20KA/10KV (120-277 VAC), 10KA/10KV (347-480 VAC)
- One 3/4" NPT hub & R-21 3/4" x 1/2" reducer is standard
- 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
- Ambient suitability -40°C to 55°C
- Solderless LED Board Connections - Vibration Resistant
- Instant On - Including after power interruption
- 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 Compact 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)	• Class I, Division 2, Groups A, B, C, D • Class I, Zone 2, Groups IIC, IIB, IIA • Class II, Divisions 1 & 2, Groups E, F, G
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EU RoHS Indicator	• Class III, Divisions 1 & 2
Buy America(n) Qualified	Contact Manufacturer
	Contact Manufacturer

Current

Frequency Rating	50/60 Hz
Lumens Per Watt	1134.2
Wattage	18 W
Voltage Rating	12-24 VDC

Dimensions

Weight	9.5 lb.
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General

Series	KFLC Seires
Finish Type	Powder Epoxy Paint
Optic Type	Glass Lens
UPC	783936111292
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	1830
Lumen Range	15,001-25,000 lm

Product Assets

- [Catalog \[English\]](#)
- [Installation Manual \[English\]](#)