



LALC2027D - LAL Series LED Linear, Hazardous Rated 20 Watt, 12-24 VDC, 5000K, 2337 Lumens

By Killark

Catalog # [LALC2027D](#)

LAL Series LED Linear, Hazardous Rated 20 Watt, 12-24 VDC, 5000K, 2337 Lumens

Features

- Standard supplemental 6KV surge protection
- Optional supplementary surge protection available 20KA/10KV (120-277 VAC), 10KA/10KV (347-480 VAC)
- LALxE models have “built-in” battery backup for 90 minute emergency exit
- Shallow design minimizes profile in work areas with low ceiling heights
- Diffuse Lens Standard to minimize glare
- Clear Lens available
- Polycarbonate Single Lens 18W to 60W, Double Lens model 34W to 120W
- Slot Back Design allows multiple mounting access points across length – slots can also be used with 5/16” or 8mm bolts & nuts
- 3 housing slots, 1 center back and 2 at 45°
- Variety of mounting options including swivel brackets, wall, ceiling brackets, or beam clamps
- End Caps each have 2 mounting feet built-in plus a safety strap attachment point
- Standard unit End Caps each have a single 3/4” NPT hub
- Fixture is furnished with one 3/4” close-up plug and two 3/4” to 1/2” reducers – provides out of the box 1/2” dead-end to 3/4” feed-through flexibility
- Metric openings are available
- Standard LALs have one wiring Access Plate for easy access to driver leads
- Many Midpower LEDs blend light to simulate fluorescent tubes
- Crisp White Light for Excellent Color Rendering – Chromaticity 5000K (CCT) approx. 70 CRI
- Energy Savings – High lumens per watt
- LED Array Life – to 212,000 maintenance free hours to 70% initial lumens
- Ambient suitability -40°C to 65°C (see tables). 0°C to 50°C Ambient suitability for Emergency models
- Instant On – Including after power interruption
- 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 & Calculated



Application

Linear LED Luminaires are designed for installations where moisture, dirt, dust, corrosion and vibration may be present, and NEMA 3, 4X, IP66 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/CEC/IEC.

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 • Class III, Divisions 1 & 2 • Zone 2 • Zone 21
IP Rating	IP66
EU RoHS Indicator	Contact Manufacturer
Buy America(n) Qualified	Contact Manufacturer
Current	
Frequency Rating	50/60 Hz
Lumens Per Watt	65
Wattage	20 W
Voltage Rating	120-277 VAC
Dimensions	
Hub Size	3/4"
Weight	12.03 lb.
General	
Series	LALC
Material	Aluminum
Optic Type	Polycarbonate Lens - Diffused
UPC	783936132778
Light Source	LED
Mounting Type	Pendant or Surface
Operational	
Operating Temperature Range	-40°C to 40°C
Celcius	

Lumen Range	0-2,000 lm
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Product Assets

[Catalog \[English\]](#)

Installation Manual [English]



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