



LE402

LED HAZARDOUS LIGHTING

Chemical Processing • Industrial • Oil / Gas • Shipyards / Marine • Water Treatment

The LE402 Series is an energy efficient alternative to hazardous location Metal Halide and High Pressure Sodium HID fixtures. This copper-free, cast aluminum fixture is designed for indoor and outdoor applications including: hazardous, marine, high bay, low bay, and flood applications. This fixture incorporates high power LED's with multiple optical distribution patterns and surge protection.



1 SERIES	2 SOURCE	3 VOLTAGE	4 CCT	5 MOUNT
LE402	L1: 40W L2: 76W L3: 85W L4: 130W L5: 160W	V1: 120-277VAC (50/60Hz) V2: 277-480VAC (50/60Hz)	3: 3,000K 4: 4,000K 5: 5,000K	F1: Ceiling (1/2" hub) F2: Ceiling (3/4" hub) F3: Pendent (3/4" hub) F4: Yoke mount (1/2" hub) X1: Wall mount (1" hub) X2: 90° Stanchion (1 1/4" threaded) X3: 25° Stanchion (1 1/4" threaded) X4: 90° Stanchion (1 1/2" threaded) X5: 25° Stanchion (1 1/2" threaded)
6 OPTICS / BEAM		7 OPTIONS		
T1: Type I T2: Type II T3: Type III N: Type V Narrow 20° M: Type V Medium 59° W: Type V Wide 93°		*F: Frosted Lens C: 3 Ft. cord with blunt end (F4 mount only) D1: 0-10V Dimming driver D2: DALI Dimming driver *Not Available in L4 and L5 with Class II Div 2 rating		G: Lens guard (aluminum) PB: Black powder coat finish PW: White powder coat finish PG: Gray powder coat finish SP: 10Kv Surge protector
Standard Offering: Clear Tempered Glass Refer to Ambient Temperature and T-Code table below for power and lens type configurations				

CERTIFICATIONS

UL844 / CSA-C22.2 No.137 (Hazardous)
 CI D2 Groups A,B,C,D
 CII D2 Groups F,G
 CIII
 UL1598 / CSA-C22.2 No.250 (Wet/Damp)
 UL1598A (Non-recessed Marine - Outside Salt Water)
 CRI 70
 IP66
 NEMA 4X

CONSTRUCTION

Copper-free cast aluminum housing
 Natural aluminum finish (standard)
 Tempered glass lens
 Powder coat Black, Gray or White (optional)
 Captive stainless steel fasteners and inserts
 Weight: 25 lbs.
 1/2" NPT or 3/4" NPT Hubs (Part number dependent)

ELECTRICAL

120-277 / 277-480VAC
 Optional 0-10V or DALI dimming

FEATURES

Mounting: Pendent, Yoke, Ceiling, Wall, Stanchion
 Aluminum guard plate (optional)
 5 Year Warranty

Lens Type	Power	Class I Division 2 Groups A,B,C,D		Class II Division 2 Groups F and G	
		Max Ambient (°C)	Max Operating Temp (T-Code)	Max Ambient (°C)	Max Operating Temp (T-Code)
Clear Glass	L1	50	160°C (T3C)	50	100°C (T5)
	L2				
	L3	40	160°C (T3C)	40	100°C (T5)
	L4				
L5					

Lens Type	Power	Class I Division 2 Groups A,B,C,D		Class II Division 2 Groups F and G	
		Max Ambient (°C)	Max Operating Temp (T-Code)	Max Ambient (°C)	Max Operating Temp (T-Code)
Frosted Glass	L1	50	160°C (T3C)	40	100°C (T5)
	L2				
	L3	40	160°C (T3C)	N/A	N/A
	L4				
L5					

*These products are Manufactured in the USA with both domestic and imported components; not all fixture configurations are compliant. Contact LDPI Sales with specific part number and requirement - Build America, Buy America, TAA or any other federal procurement act for compliance confirmation. Compliance confirmation can take up to 3 days.

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PERFORMANCE

Source	Voltage (VAC) 50/60Hz	Input Current (A)	Wattage (W)	CCT	Lumens* (Lm)				
					T1 (Type1)	T2 (Type2)	T3 (Type3)	N / M / W (TypeV)	F (TypeV Frosted)
L1	120-277	0.33 - 0.14	40	3,000K	5,000				4,600
				4,000K					
				5,000K					
L2	120-277	0.58 - 0.25	76	3,000K	8,500			7,820	
				4,000K					
				5,000K					
L3	120-277	0.83 - 0.36	85	3,000K	11,500			10,580	
				4,000K					
				5,000K					
L4	120-277	1.08 - 0.47	130	3,000K	15,500			14,260	
				4,000K					
				5,000K					
L5	120-277	1.33 - 0.57	160	3,000K	19,000			17,480	
				4,000K					
				5,000K					

MOUNTING / DIMENSIONS

Mount Option	Dimensions
F1 Ceiling Mount 1/2" NPT Hubs	<p>Fasteners not included Ceiling spacers included</p> <p>F1: 1/2" NPT F2: 3/4" NPT (2) PLCS</p>
F2 Ceiling Mount 3/4" NPT Hubs	<p>3/4" NPT</p>
F3 Pendant Mount 3/4" NPT Hub	<p>Conduit not included</p> <p>SET SCREW</p>



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MOUNTING / DIMENSIONS

Mount Option	Dimensions
<p>F4</p> <p>Yoke Mount 1/2" NPT Hub</p>	
<p>X1</p> <p>Wall Mount 1.0" NPT Hubs</p>	
<p>X2 / X4</p> <p>Stanchion (90°) X2: 1-1/4" Thread X4: 1-1/2" Thread 1.0" NPT Hub</p> <p>Pole not included</p>	
<p>X3 / X5</p> <p>Stanchion (25°) X3: 1-1/4" Thread X5: 1-1/2" Thread 1.0" NPT Hub</p> <p>Pole not included</p>	