



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.



LE402

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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: Pendant (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 *F: Type V Wide 120° (Diffused Tempered Glass Lens) N: Type V Narrow 20° M: Type V Medium 59° W: Type V Wide 93° *Not Available in L4 and L5 with Class II Div 2 rating		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		

CERTIFICATIONS

UL844 / CSA-C22.2 No.137 (Hazardous)
C I D2 Groups A,B,C,D
C II D2 Groups F,G
C III
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
Standard integral 10kV surge protection

FEATURES

Mounting: Pendant, Yoke, Ceiling, Wall, Stanchion
Aluminum guard plate (optional)

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				
	L4	40	160°C (T3C)	40	100°C (T5)
	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				
	L4	40	160°C (T3C)	N/A	N/A
	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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Product design and specifications subject to change without notice.
Visit www.ldpi-inc.com for the most current version and photometric data. v.04.22.26

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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					
	277-480	0.14 - 0.08		5,000K					
L2	120-277	0.58 - 0.25	76	3,000K	8,500				7,820
				4,000K					
	277-480	0.25 - 0.14		5,000K					
L3	120-277	0.83 - 0.36	85	3,000K	11,500				10,580
				4,000K					
	277-480	0.36 - 0.20		5,000K					
L4	120-277	1.08 - 0.47	130	3,000K	15,500				14,260
				4,000K					
	277-480	0.47 - .27		5,000K					
L5	120-277	1.33 - 0.57	160	3,000K	19,000				17,480
				4,000K					
	277-480	0.57 - .33		5,000K					

MOUNTING / DIMENSIONS

Mount Option	Dimensions
F1 Ceiling Mount 1/2" NPT Hubs	Fasteners not included Ceiling spacers included 5.75" (146.1mm) 12.0" (305mm) 4.75" (120.7mm) 5.5" (140mm) 12.0" (305mm) 0.34" (8.7mm) (4) PLCS F1: 1/2" NPT F2: 3/4" NPT (2) PLCS
F2 Ceiling Mount 3/4" NPT Hubs	
F3 Pendent Mount 3/4" NPT Hub	Conduit not included 12.0" (305mm) 12.0" (305mm) 5.4" (137mm) 3/4" NPT SET SCREW

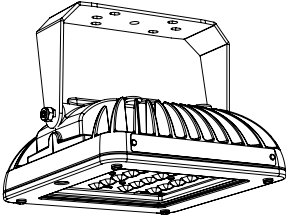
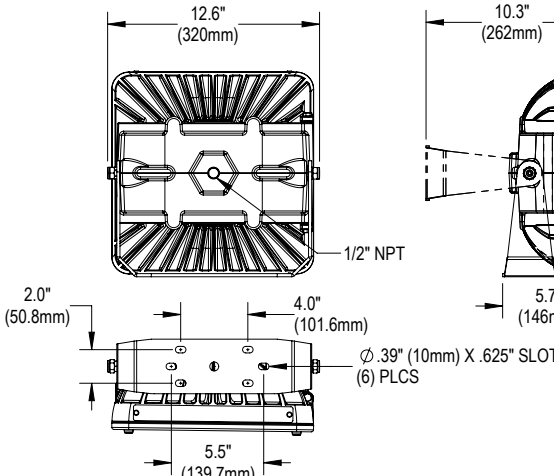
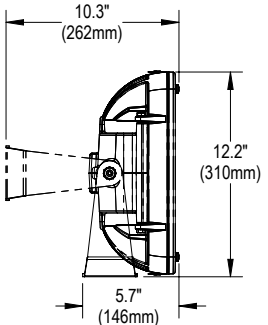
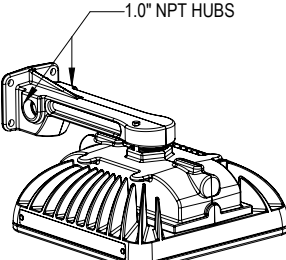
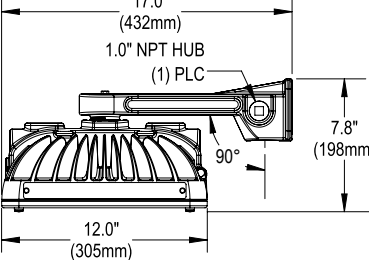
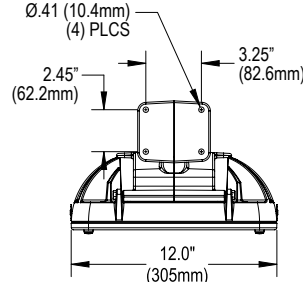
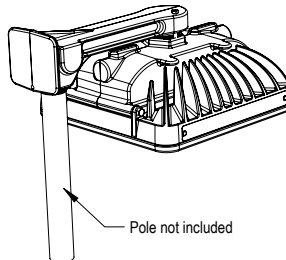
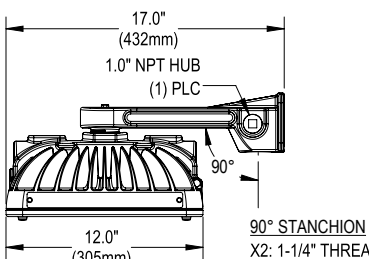
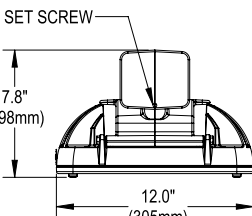


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MOUNTING / DIMENSIONS

Mount Option	Dimensions
F4 Yoke Mount 1/2" NPT Hub	  
X1 Wall Mount 1.0" NPT Hubs	  
X2 / X4 Stanchion (90°) X2: 1-1/4" Thread X4: 1-1/2" Thread 1.0" NPT Hub	  
X3 / X5 Stanchion (25°) X3: 1-1/4" Thread X5: 1-1/2" Thread 1.0" NPT Hub	