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						
1	2	3	4	5	6	7

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
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
Standard integral 10kV surge protection

FEATURES

Mounting: Pendent, 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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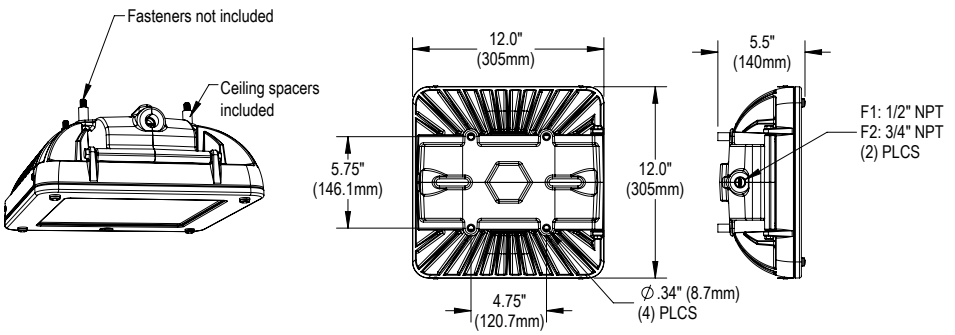
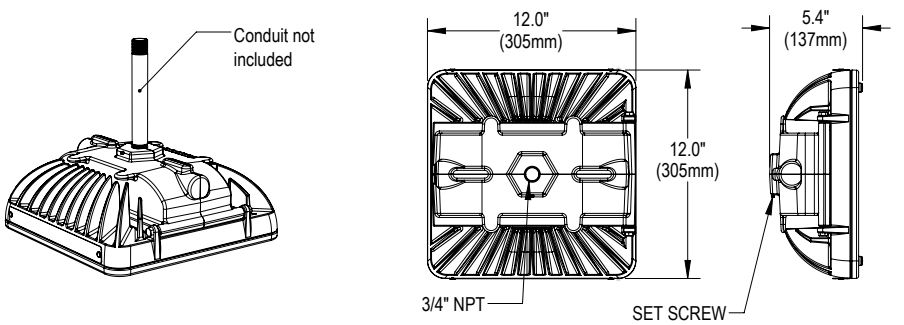
PERFORMANCE

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	
F2 Ceiling Mount 3/4" NPT Hubs	
F3 Pendent Mount 3/4" NPT Hub	

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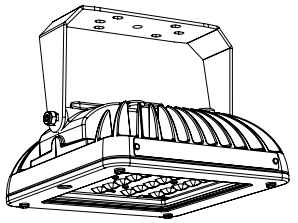
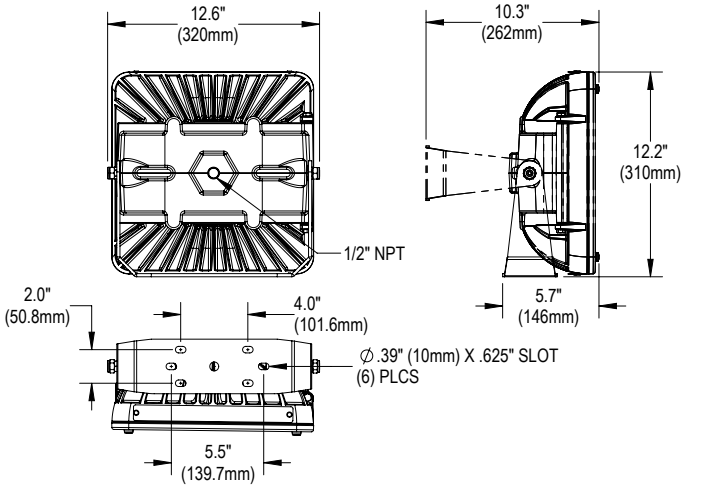
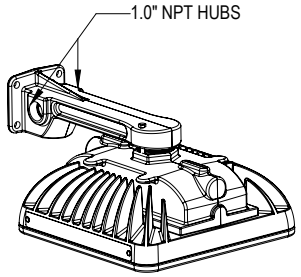
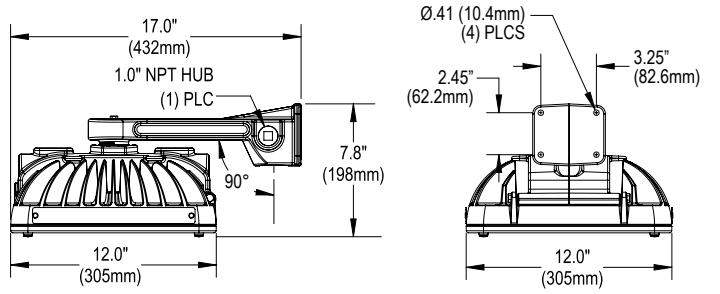
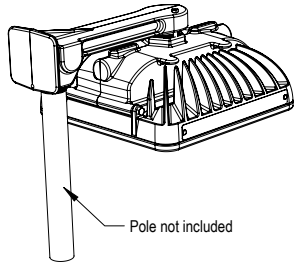
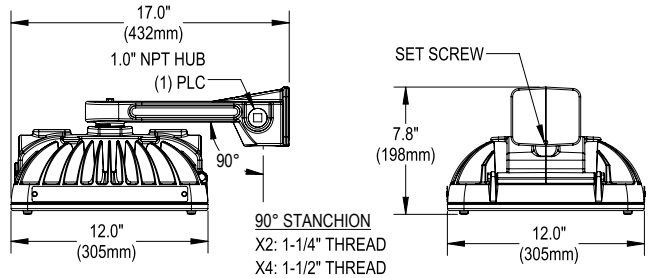
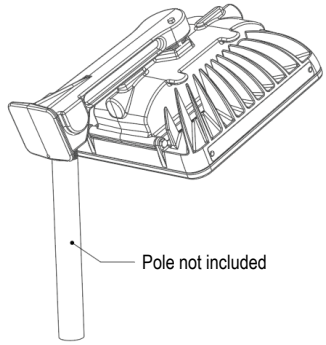
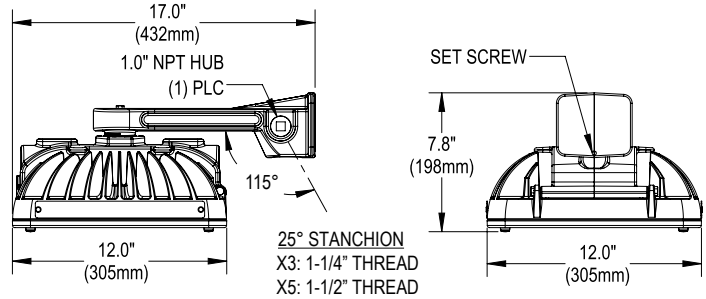
MOUNTING / DIMENSIONS

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	 

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