LE402
LED HAZARDOUS LIGHTING

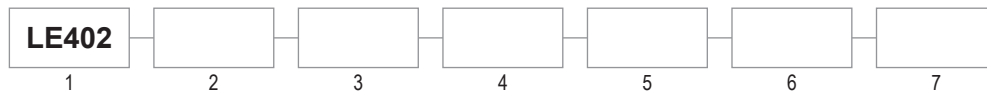Chemical Processing ● Industrial ● Oil / Gas ● Shipyards / Marine ● Water Treatment

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.

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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)	**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°	**A:** Acrylic Lens, Clear (L1, L2, L3 only) **P:** Polycarbonate Lens, Clear (L1, L2, L3 only) **C:** 3 Ft. cord with blunt end (F4 mount only) **D1:** 0-10V Dimming driver **D2:** DALI Dimming driver	**G:** Lens guard (aluminum) **PB:** Black powder coat finish **PW:** White powder coat finish **PG:** Gray powder coat finish **SP:** 10Kv Surge protector

CERTIFICATIONS
UL844 / CSA-C22.2 No.137 (Hazardous)
  CI D2 Groups A,B,C,D
  CII D2 Groups F,G
  CIII
T Code: CI D2 = T3C, CII D2 = T5
UL1598 / CSA-C22.2 No.250 (Wet/Damp)
UL1598A (Non-recessed Marine - Outside Salt Water)
CRI 70
L1, L2, L3 = -40°C to 50°C
L4 & L5 = -40°C to 40°C
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

Equivalent HID (Metal Halide) Watts*

LED	Metal Halide
40	100
76	150
100	250
130	250
160	400

*For reference only.
.ies files available upon request.

Shown with X1 (Wall Mount) and G (Lens Guard) options
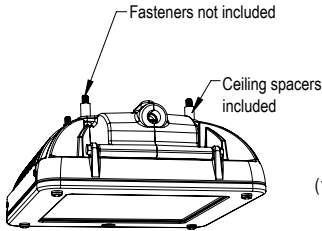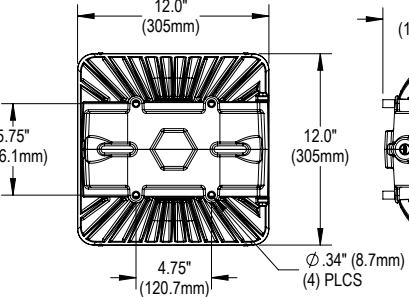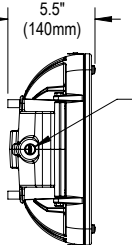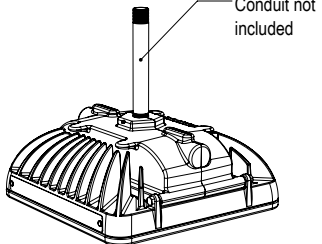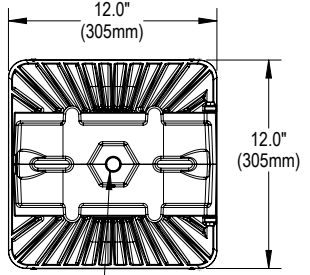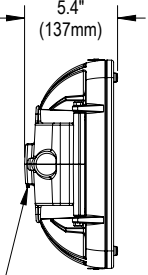
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LED HAZARDOUS LIGHTING

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

PERFORMANCE

Source	Voltage (VAC) 50/60Hz	Input Current (A)	Wattage (W)	CCT	T1 (Type1)	T2 (Type2)	T3 (Type3)	N / M / W (TypeV)	F (TypeV Frosted)
					Lumens* (Lm)				
L1	120-277	0.33 - 0.14	40	4,000K	5,000				4,600
				5,000K					
L2	120-277	0.58 - 0.25	76	4,000K	8,500				7,820
	277-480	0.25 - 0.14		5,000K					
L3	120-277	0.83 - 0.36	100	4,000K	11,500				10,580
	277-480	0.36 - 0.20		5,000K					
L4	120-277	1.08 - 0.47	130	4,000K	15,500				14,260
				5,000K					
L5	120-277	1.33 - 0.57	160	4,000K	19,000				17,480
				5,000K					
					*Nominal values				

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	
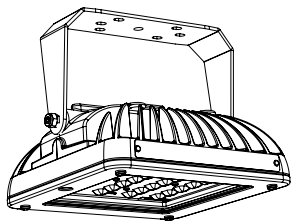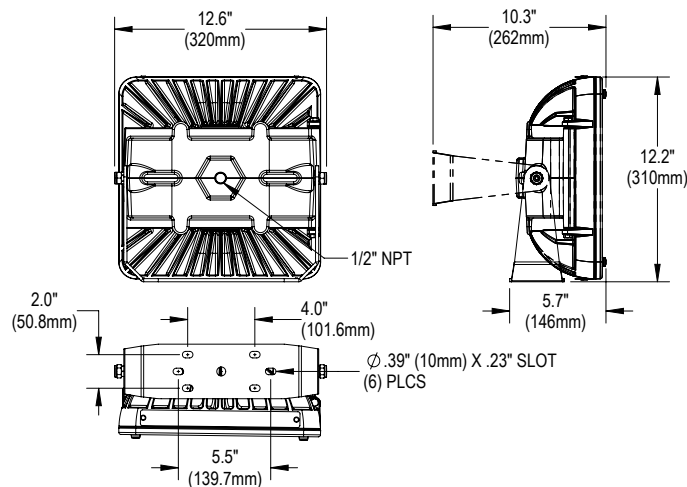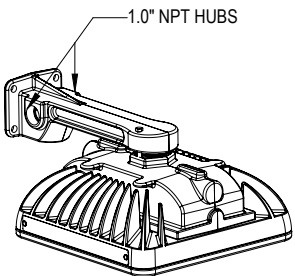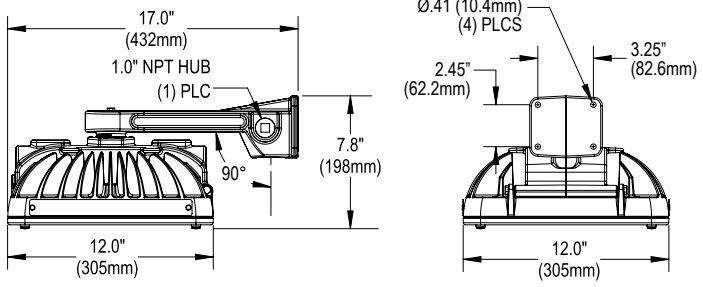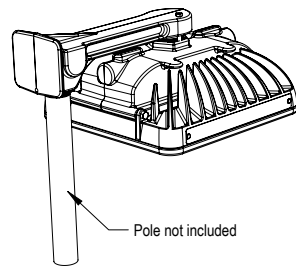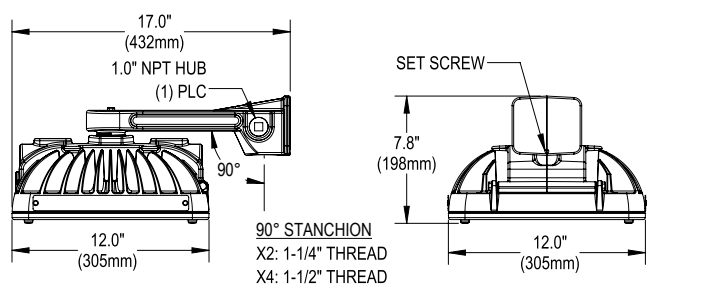
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MOUNTING / DIMENSIONS

Mount Option	Dimensions
F4 Yoke Mount 1/2" NPT Hub	 12.6" (320mm), 10.3" (262mm), 12.2" (310mm), 1/2" NPT, 5.7" (146mm) 2.0" (50.8mm), 4.0" (101.6mm), Ø .39" (10mm) X .23" SLOT (6) PLCS, 5.5" (139.7mm)
X1 Wall Mount 1.0" NPT Hubs	 1.0" NPT HUBS 17.0" (432mm), 1.0" NPT HUB (1) PLC, 7.8" (198mm), 90°, 12.0" (305mm) Ø.41 (10.4mm) (4) PLCS, 2.45" (62.2mm), 3.25" (82.6mm), 12.0" (305mm)
X2 / X4 Stanchion (90°) X2: 1-1/4" Thread X4: 1-1/2" Thread 1.0" NPT Hub	 Pole not included 17.0" (432mm), 1.0" NPT HUB (1) PLC, 90°, 12.0" (305mm) 90° STANCHION X2: 1-1/4" THREAD X4: 1-1/2" THREAD SET SCREW, 7.8" (198mm), 12.0" (305mm)
X3 / X5 Stanchion (25°) X3: 1-1/4" Thread X5: 1-1/2" Thread 1.0" NPT Hub	 Pole not included 17.0" (432mm), 1.0" NPT HUB (1) PLC, 115°, 12.0" (305mm) 25° STANCHION X3: 1-1/4" THREAD X5: 1-1/2" THREAD SET SCREW, 7.8" (198mm), 12.0" (305mm)

LDPi INDUSTRIAL LIGHTING

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