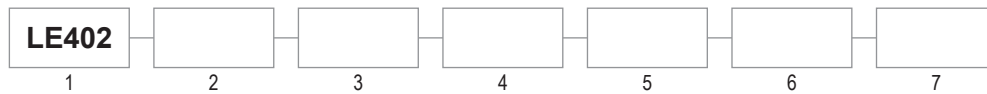


The LE402 Series is an energy efficient alternative to hazardous location Metal Halide and High Pressure Sodium HID fixtures. This copper-free, cast aluminum fixture is designed for indoor and outdoor applications including: hazardous, marine, high bay, low bay, and flood applications. This fixture incorporates 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: 100W 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: 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 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: Pendant, 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

LE402

LED HAZARDOUS LIGHTING

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



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	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	<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>12.6" (320mm)</p> <p>10.3" (262mm)</p> <p>12.2" (310mm)</p> <p>1/2" NPT</p> <p>2.0" (50.8mm)</p> <p>4.0" (101.6mm)</p> <p>5.5" (139.7mm)</p> <p>Ø .39" (10mm) X .23" SLOT (6) PLCS</p>
<p>X1</p> <p>Wall Mount 1.0" NPT Hubs</p>	<p>1.0" NPT HUBS</p> <p>17.0" (432mm)</p> <p>1.0" NPT HUB (1) PLC</p> <p>7.8" (198mm)</p> <p>90°</p> <p>12.0" (305mm)</p> <p>Ø .41 (10.4mm) (4) PLCS</p> <p>2.45" (62.2mm)</p> <p>3.25" (82.6mm)</p> <p>12.0" (305mm)</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>17.0" (432mm)</p> <p>1.0" NPT HUB (1) PLC</p> <p>7.8" (198mm)</p> <p>90°</p> <p>12.0" (305mm)</p> <p>90° STANCHION X2: 1-1/4" THREAD X4: 1-1/2" THREAD</p> <p>12.0" (305mm)</p> <p>SET SCREW</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>	<p>17.0" (432mm)</p> <p>1.0" NPT HUB (1) PLC</p> <p>7.8" (198mm)</p> <p>115°</p> <p>12.0" (305mm)</p> <p>25° STANCHION X3: 1-1/4" THREAD X5: 1-1/2" THREAD</p> <p>12.0" (305mm)</p> <p>SET SCREW</p>