



LE302

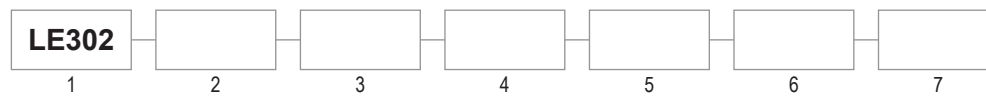
LED HIGH BAY / LOW BAY MARINE LIGHTING

Marine/Coastal Facilities • Water Treatment Facilities • Power Plants

The LE302 Series is an energy efficient alternative to Metal Halide and High Pressure Sodium HID fixtures. This copper-free, cast aluminum fixture is designed for indoor and outdoor applications including: marine, high bay, low bay, and flood applications. This fixture incorporates high power LED's with multiple optical distribution patterns, surge protection.



Additional Applications:
Waste Water Treatment • Parking Garages • Car Washes • Tunnels



1 SERIES	2 SOURCE	3 VOLTAGE	4 CCT	5 MOUNT	
LE302	L1: 40W	V1: 120-277VAC (50/60Hz)	4: 4,000K 5: 5,000K	F1: Ceiling (1/2" hub)	X1: Wall mount (1" hub)
	L2: 70W	V2: 277-480VAC (50/60Hz)*		F2: Ceiling (3/4" hub)	X2: 90° Stanchion (1 1/4" threaded)
	L3: 100W			F3: Pendant (3/4" hub)	X3: 25° Stanchion (1 1/4" threaded)
	L4: 130W			F4: Yoke mount (1/2" hub)	X4: 90° Stanchion (1 1/2" threaded)
	L5: 160W	* L2 and L3 only			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°		A: Acrylic Lens, Clear (L1, L2, L3 only) P: Polycarbonate Lens, Clear (L1, L2, L3 only) C: 5.5 Ft. 16/3 SOOW blunt end Cord ¹ CP1: 9.5 Ft. 16/3 SOOW Cord / NEMA L5-15P (125V) Plug ^{1,2} CP2: 9.5 Ft. 16/3 SOOW Cord / NEMA L7-15P (277V) Plug ^{1,2} D1: 0-10V Dimming driver D2: DALI Dimming driver			EM: Battery/Driver Backup, 90min. UL924 (L1 Only) G: Lens guard (aluminum) PB: Black powder coat finish PW: White powder coat finish PG: Gray powder coat finish SP: 10Kv Surge protector
		¹ Marine Indoor Drip-Proof Listing. Cord options available for F1-F4 mount only. ² Marine Outdoor Listing. Blunt end cord option (C) for F4 mount only.			

CERTIFICATIONS

UL1598 / CSA-C22.2 No.250 (Ordinary)
UL1598A (Marine Indoor Drip Proof) (Marine Outside)
Lifetime (L70): >120,000 hrs. (calculated)
CRI >70
-35°C to 50°C Ambient (L1, L2, L3 only)
-35°C to 40°C Ambient (L4, L5 only)
IP66
NEMA 4X

CONSTRUCTION

Copper-free cast aluminum housing
Natural aluminum finish (standard)
Clear, tempered glass lens (standard)
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)

*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.

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
70	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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Product design and specifications subject to change without notice.
Visit www.ldpi-inc.com for the most current version and photometric data. v.11.13.25

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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	4,000K	5,000				4,600
				5,000K					
L2	120-277	0.58 - 0.25	70	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					

Emergency Mode		
Wattage (Max)	Optics	Lumens
10	T1, T2, T3, N, M, W	3,220
	Frosted Lens	2,970

*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	

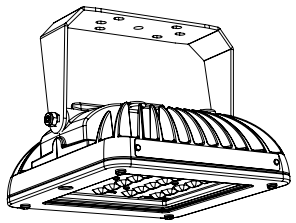
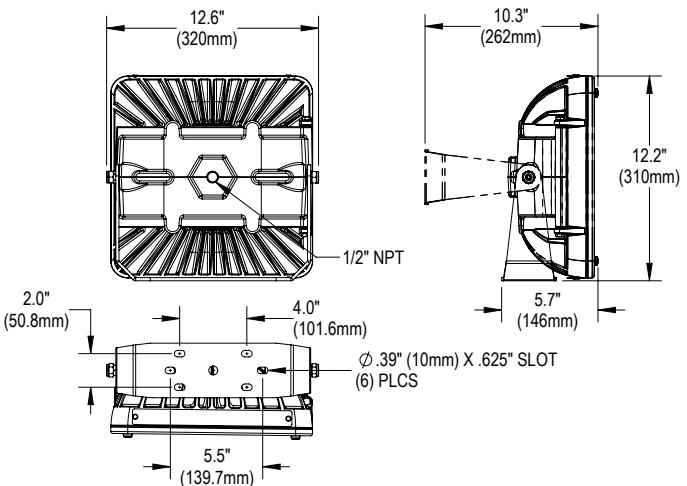
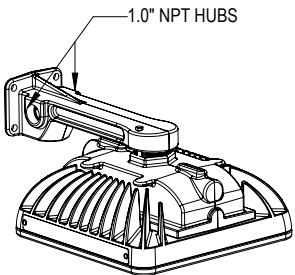
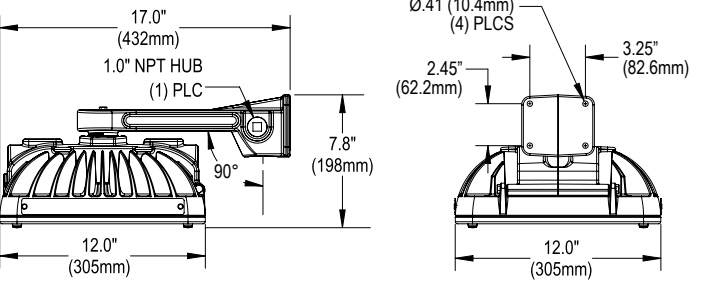
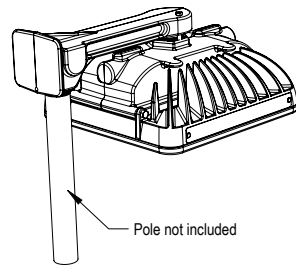
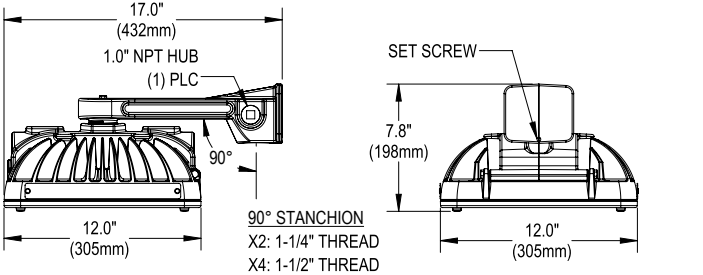


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MOUNTING / DIMENSIONS

Mount Option	Dimensions
F4 Yoke Mount 1/2" NPT Hub	 
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 Pole not included	 
X3 / X5 Stanchion (25°) X3: 1-1/4" Thread X5: 1-1/2" Thread 1.0" NPT Hub Pole not included	