



# LE302

## LED HIGH BAY / LOW BAY MARINE LIGHTING

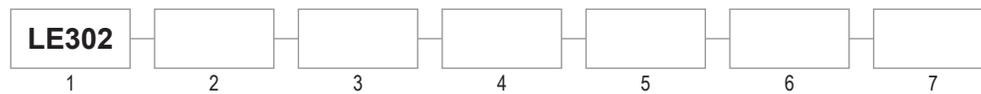
Marine/Coastal Facilities • Water Treatment Facilities • Power Plants

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		
<b>LE302</b>	L1: 40W L2: 70W L3: 100W L4: 130W L5: 160W	V1: 120-277VAC (50/60Hz) V2: 277-480VAC (50/60Hz)*  * L2 and L3 only	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°		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 <sup>1</sup> CP1: 9.5 Ft. 16/3 SOOW Cord / NEMA L5-15P (125V) Plug <sup>1,2</sup> CP2: 9.5 Ft. 16/3 SOOW Cord / NEMA L7-15P (277V) Plug <sup>1,2</sup> 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	
		<sup>1</sup> Marine Indoor Drip-Proof Listing. Cord options available for F1-F4 mount only. <sup>2</sup> 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

### 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.

### 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.



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.02.26.26

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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					
				5,000K					
L2	120-277	0.58 - 0.25	70	3,000K	8,500			7,820	
				4,000K					
	277-480	0.25 - 0.14	5,000K						
L3	120-277	0.83 - 0.36	100	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					
				5,000K					
L5	120-277	1.33 - 0.57	160	3,000K	19,000			17,480	
				4,000K					
				5,000K					

\*Nominal values

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

### MOUNTING / DIMENSIONS

Mount Option	Dimensions
<b>F1</b> 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>
<b>F2</b> Ceiling Mount 3/4" NPT Hubs	<p>Conduit not included</p> <p>3/4" NPT SET SCREW</p>





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Mount Option	Dimensions
<p><b>F4</b></p> <p>Yoke Mount 1/2" NPT Hub</p>	
<p><b>X1</b></p> <p>Wall Mount 1.0" NPT Hubs</p>	
<p><b>X2 / X4</b></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><b>X3 / X5</b></p> <p>Stanchion (25°) X3: 1-1/4" Thread X5: 1-1/2" Thread 1.0" NPT Hub</p> <p>Pole not included</p>	