



LE302

LED HIGH BAY / LOW BAY MARINE LIGHTING

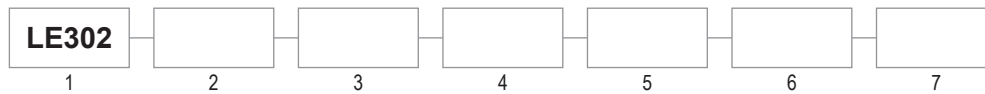
Marine/Coastal Facilities • Water Treatment Facilities • Power Plants

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 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 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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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 |
|---|------------|
| F1 Ceiling Mount 1/2" NPT Hubs | |
| F2 Ceiling Mount 3/4" NPT Hubs | |
| F3 Pendant Mount 3/4" NPT Hub | |



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MOUNTING / DIMENSIONS

| Mount Option | Dimensions |
|--|------------|
| <p>F4</p> <p>Yoke Mount 1/2" NPT Hub</p> | |
| <p>X1</p> <p>Wall Mount 1.0" NPT Hubs</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>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> | |