

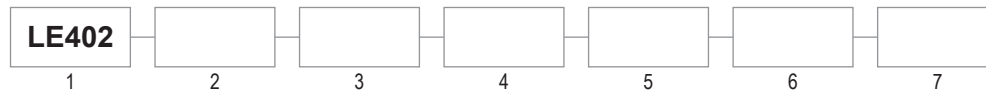


# LE402

## 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.



| 1 SERIES                                                                                                        | 2 SOURCE                                              | 3 VOLTAGE                                                                                                                                                                             | 4 CCT                  | 5 MOUNT                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LE402                                                                                                           | L1: 40W<br>L2: 76W<br>L3: 85W<br>L4: 130W<br>L5: 160W | V1: 120-277VAC (50/60Hz)<br>V2: 277-480VAC (50/60Hz)                                                                                                                                  | 4: 4,000K<br>5: 5,000K | F1: Ceiling (1/2" hub)<br>F2: Ceiling (3/4" hub)<br>F3: Pendant (3/4" hub)<br>F4: Yoke mount (1/2" hub)<br>X1: Wall mount (1" hub)<br>X2: 90° Stanchion (1 1/4" threaded)<br>X3: 25° Stanchion (1 1/4" threaded)<br>X4: 90° Stanchion (1 1/2" threaded)<br>X5: 25° Stanchion (1 1/2" threaded) |
| 6 OPTICS / BEAM                                                                                                 |                                                       | 7 OPTIONS                                                                                                                                                                             |                        |                                                                                                                                                                                                                                                                                                |
| T1: Type I<br>T2: Type II<br>T3: Type III<br>N: Type V Narrow 20°<br>M: Type V Medium 59°<br>W: Type V Wide 93° |                                                       | *F: Frosted Lens<br>C: 3 Ft. cord with blunt end (F4 mount only)<br>D1: 0-10V Dimming driver<br>D2: DALI Dimming driver<br><br>*Not Available in L4 and L5 with Class II Div 2 rating |                        |                                                                                                                                                                                                                                                                                                |
| Standard Offering: Clear Tempered Glass                                                                         |                                                       | Refer to Ambient Temperature and T-Code table below for power and lens type configurations                                                                                            |                        |                                                                                                                                                                                                                                                                                                |

### CERTIFICATIONS

UL844 / CSA-C22.2 No.137 (Hazardous)  
CI D2 Groups A,B,C,D  
CII D2 Groups F,G  
CIII  
UL1598 / CSA-C22.2 No.250 (Wet/Damp)  
UL1598A (Non-recessed Marine - Outside Salt Water)  
CRI 70  
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

| Lens Type   | Power | Class I Division 2 Groups A,B,C,D |                             | Class II Division 2 Groups F and G |                             |
|-------------|-------|-----------------------------------|-----------------------------|------------------------------------|-----------------------------|
|             |       | Max Ambient (°C)                  | Max Operating Temp (T-Code) | Max Ambient (°C)                   | Max Operating Temp (T-Code) |
| Clear Glass | L1    | 50                                | 160°C (T3C)                 | 50                                 | 100°C (T5)                  |
|             | L2    |                                   |                             |                                    |                             |
|             | L3    |                                   |                             |                                    |                             |
|             | L4    | 40                                | 160°C (T3C)                 | 40                                 | 100°C (T5)                  |
|             | L5    |                                   |                             |                                    |                             |

| Lens Type     | Power | Class I Division 2 Groups A,B,C,D |                             | Class II Division 2 Groups F and G |                             |
|---------------|-------|-----------------------------------|-----------------------------|------------------------------------|-----------------------------|
|               |       | Max Ambient (°C)                  | Max Operating Temp (T-Code) | Max Ambient (°C)                   | Max Operating Temp (T-Code) |
| Frosted Glass | L1    | 50                                | 160°C (T3C)                 | 40                                 | 100°C (T5)                  |
|               | L2    |                                   |                             |                                    |                             |
|               | L3    |                                   |                             |                                    |                             |
|               | L4    | 40                                | 160°C (T3C)                 | N/A                                | N/A                         |
|               | L5    |                                   |                             |                                    |                             |

\*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.



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Visit [www.ldpi-inc.com](http://www.ldpi-inc.com) for the most current version and photometric data. v.08.18.25

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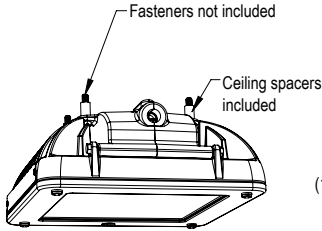
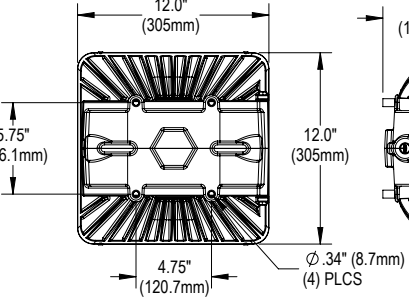
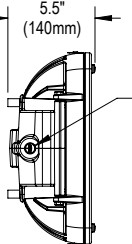
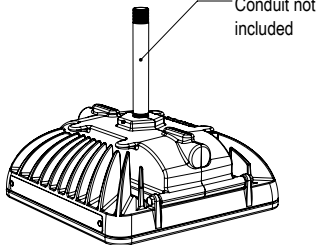
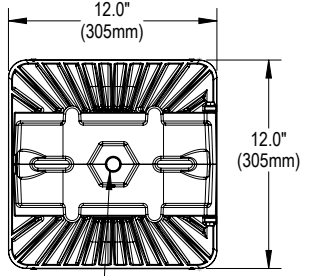
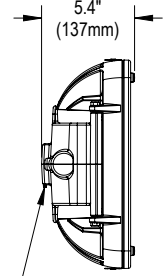
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### PERFORMANCE

| Source | Voltage (VAC)<br>50/60Hz | Input Current<br>(A) | Wattage<br>(W) | CCT    | Lumens* (Lm)    |               |               |                      |                      |
|--------|--------------------------|----------------------|----------------|--------|-----------------|---------------|---------------|----------------------|----------------------|
|        |                          |                      |                |        | T1<br>(Type1)   | T2<br>(Type2) | T3<br>(Type3) | N / M / W<br>(TypeV) | F<br>(TypeV Frosted) |
| L1     | 120-277                  | 0.33 - 0.14          | 40             | 4,000K | 5,000           |               |               |                      | 4,600                |
|        | 277-480                  | 0.14 - 0.08          |                | 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          | 85             | 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               |
|        | 277-480                  | 0.47 - .27           |                | 5,000K |                 |               |               |                      |                      |
| L5     | 120-277                  | 1.33 - 0.57          | 160            | 4,000K | 19,000          |               |               |                      | 17,480               |
|        | 277-480                  | 0.57 - .33           |                | 5,000K |                 |               |               |                      |                      |
|        |                          |                      |                |        | *Nominal values |               |               |                      |                      |

### MOUNTING / DIMENSIONS

| Mount Option                                | Dimensions                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>F1</b><br>Ceiling Mount<br>1/2" NPT Hubs |    <p>F1: 1/2" NPT<br/>F2: 3/4" NPT<br/>(2) PLCS</p>            |
| <b>F2</b><br>Ceiling Mount<br>3/4" NPT Hubs |                                                                                                                                                                                                                                                                                                                             |
| <b>F3</b><br>Pendent Mount<br>3/4" NPT Hub  |    <p>Conduit not included</p> <p>3/4" NPT</p> <p>SET SCREW</p> |

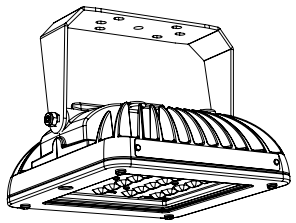
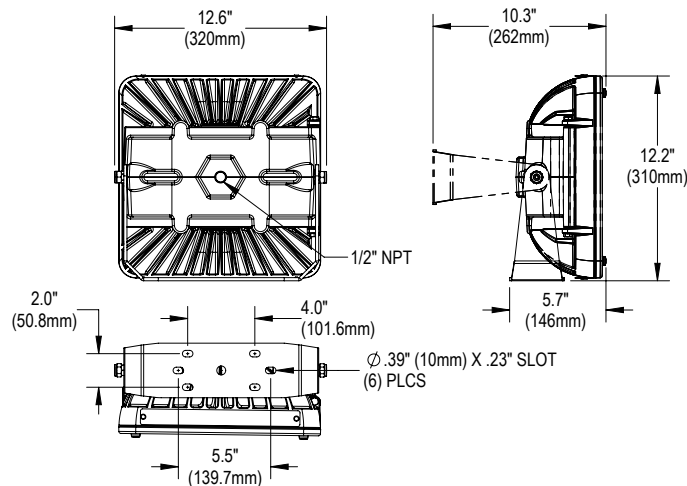
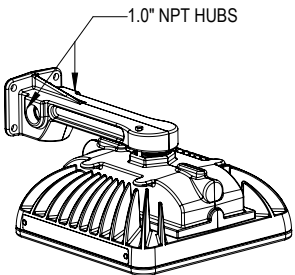
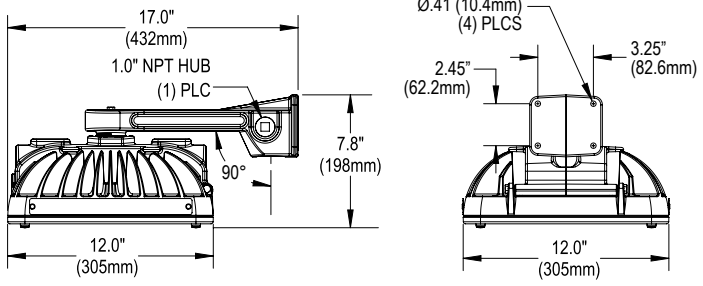
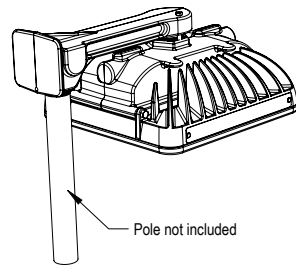
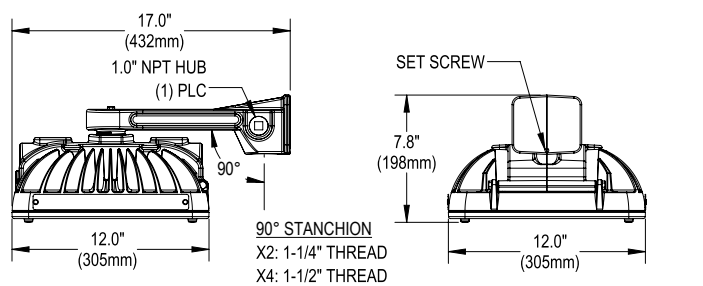
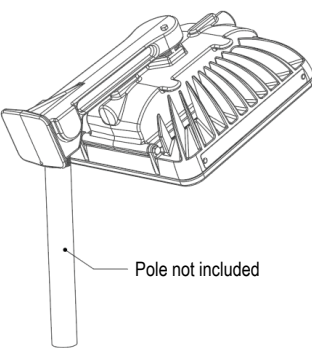
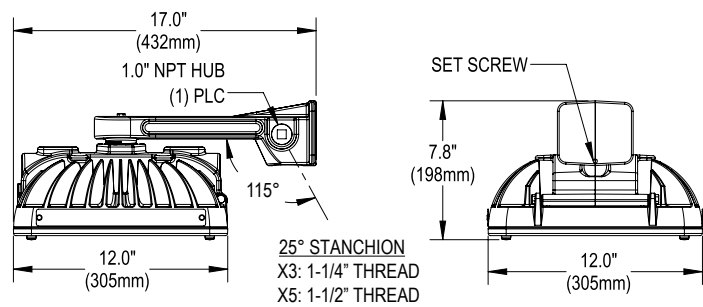


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### MOUNTING / DIMENSIONS

| Mount Option                                                                                                             | Dimensions                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>F4</b><br><br>Yoke Mount<br>1/2" NPT Hub                                                                              |                                                               |
| <b>X1</b><br><br>Wall Mount<br>1.0" NPT Hubs                                                                             |                                                             |
| <b>X2 / X4</b><br><br>Stanchion (90°)<br>X2: 1-1/4" Thread<br>X4: 1-1/2" Thread<br>1.0" NPT Hub<br><br>Pole not included |   |
| <b>X3 / X5</b><br><br>Stanchion (25°)<br>X3: 1-1/4" Thread<br>X5: 1-1/2" Thread<br>1.0" NPT Hub<br><br>Pole not included |   |