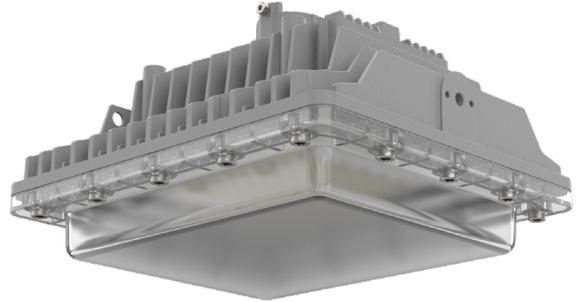


This highly efficient light fixture is ideal for replacing HPS or Metal Halide fixtures and requires less maintenance. With efficacy ratings up to 150 lm/watt, this fixture is the perfect solution for energy saving programs and cost reduction initiatives.



| 1 SERIES  | 2 SOURCE  | 3 VOLTAGE  | 4 CCT                                | 5 OPTICS          | 6 LENS                    | 7 MOUNT             |
|---|---|--|--------------------------------------|-------------------|---------------------------|---------------------|
| LEHF1   | L1: 21W<br>L2: 40W<br>L3: 50W*<br>L4: 60W<br><br>*L3: 347-480VAC Only | V1: 120-277VAC (50/60Hz)<br>V2: 347-480VAC (50/60Hz)*<br><br>*V2: 50W Only | 27: 2,700K<br>4: 4,000K<br>5: 5,000K | V110: 110° Type V | D: Diffused Polycarbonate | P: Pendent 3/4" NPT |
| <b>Notes:</b><br>1. Product comes standard with 10Kv surge protection built in and 3Ft. wire whip factory installed. (includes 0-10V dimming leads)<br>2. Additional mounting accessories are available. Purchased separately, field installed. |   |  |                                      |                   |                           |                     |

### CERTIFICATIONS

UL844 / CSA-C22.2 No.137 (Hazardous)  
 CI D2, Grps A,B,C,D  
 CII D1, Grps E,F,G  
 CII D2, Grps F,G  
 CIII  
 Simultaneous Presence  
 T Codes: See T-Code information table  
 UL1598 / CSA-C22.2 No.250 (Wet/Damp)  
 UL1598A (Marine Outside)  
 -40°C to 65°C Ambient (L1-L3)  
 -40°C to 64°C Ambient (L4)  
 IP66, IP67 & IK10  
 CRI>70  
 Lumen Maintenance (L70) >60,000 hrs. (reported)  
 FCC

### CONSTRUCTION

Copper-free cast aluminum housing  
 Polycarbonate lens with stainless steel guard  
 Powder coat gray  
 Single 3/4" NPT Hub  
 Weight: 8 lbs.  
 All exposed fasteners are stainless steel

### ELECTRICAL

120-277 / 347-480VAC  
 0-10V Dimming (Leads capped inside driver housing)  
 10Kv surge protector built in - Standard  
 3Ft. Wire Whip - Standard, Factory Installed

### FEATURES

High Lumen output up to 150 Lm/W  
 Shock and vibration resistant  
 Anti-corrosion housing tested 1,000 hrs.  
 Thermal shock and impact resistant lens  
 Mounting: Wall(Flood), Pole, Ceiling, Yoke & Pendent  
 5 Year Warranty

### PERFORMANCE

| Source | Voltage (VAC)<br>50/60Hz | Input Current<br>(A) | Wattage<br>(W) | CCT    | Lumens* (Lm) |
|--------|--------------------------|----------------------|----------------|--------|--------------|
| L1     | 120-277                  | .18 - .08            | 21             | 2,700K | 2970         |
|        |                          |                      |                | 4,000K | 3095         |
|        |                          |                      |                | 5,000K | 3190         |
| L2     | 120-277                  | .33 - .14            | 40             | 2,700K | 5550         |
|        |                          |                      |                | 4,000K | 5770         |
|        |                          |                      |                | 5,000K | 5955         |
| L3     | 347-480                  | .14 - .10            | 50             | 2,700K | 6520         |
|        |                          |                      |                | 4,000K | 6810         |
|        |                          |                      |                | 5,000K | 6780         |
| L4     | 120-277                  | .50 - .21            | 60             | 2,700K | 7400         |
|        |                          |                      |                | 4,000K | 7700         |
|        |                          |                      |                | 5,000K | 8215         |

\*Nominal values

### T-Code Information

| Source                  | L1: 21W     | L2: 40W | L3: 50W | L4: 60W |
|-------------------------|-------------|---------|---------|---------|
| Ambeint Operating Temp. | -40° - 65°C |         |         | 64°C    |
| Optimal Operating Temp. | 25°C        |         |         |         |
| CID2                    | T4A         | T4      | T4A     | T4      |
| CIID1                   | T6          | T6      | T6      | T5      |

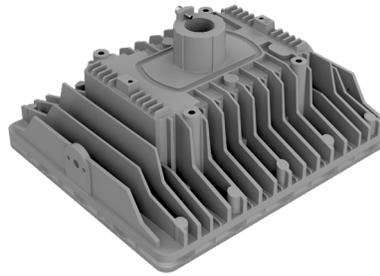
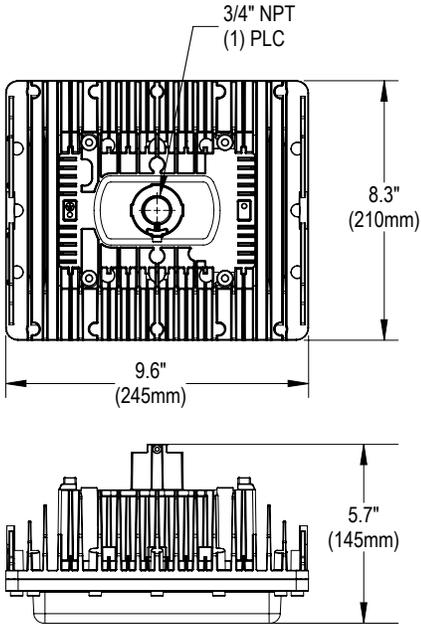
# LEHF1

## HAZARDOUS LOCATION

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### DIMENSIONS



Pendant Mount  
3/4" NPT



Pendant Mount + WG05 (Wire Guard)

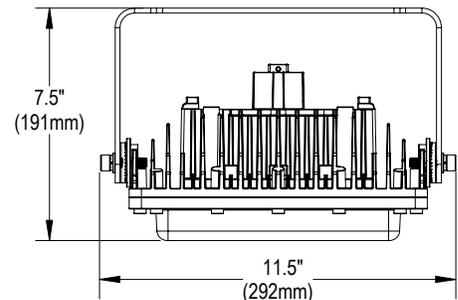
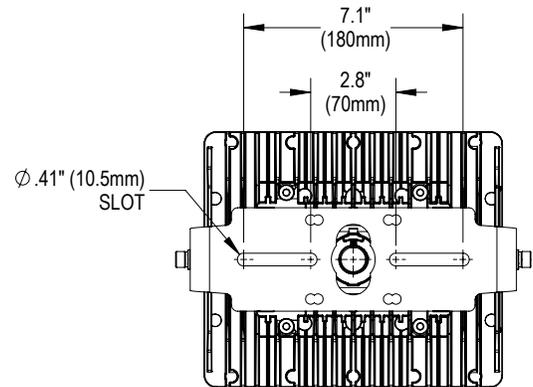
| ACCESSORIES - Field Installed (Order Separately) |                                  |  |
|--|----------------------------------|--|
| Part Number                                      | Description                      |  |
| WG05   | Wire Guard Kit (Stainless Steel) |  |
| PB02   | Yoke Mount Kit (Yoke Adjustable) |  |



Yoke Mount Kit  
#PB02



PB02 + WG05  
(Yoke Mount + Wire Guard)



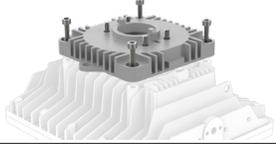


# LEHF1

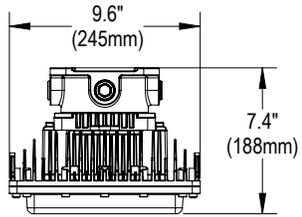
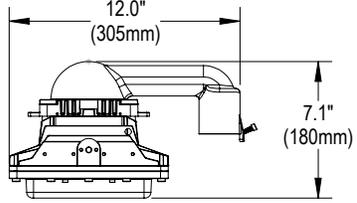
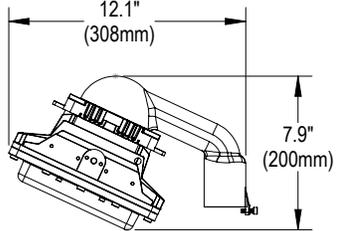
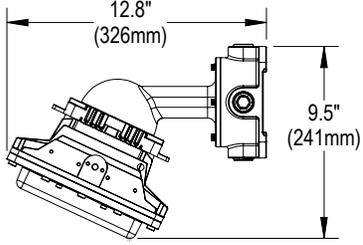
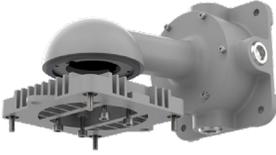
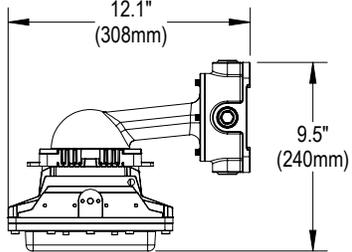
## HAZARDOUS LOCATION

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### ALTERNATIVE MOUNTING ADAPTERS - FIELD INSTALLED (ORDERED SEPARATELY)

| Part Number | Description |   |
|-------------|-------------|---|
| AD01        | Adapter Kit |  |

Note:  
All alternative mounting configurations below require the #AD01 Adapter Kit

| Part Number | Description  | Assembly  | Dimension   |
|-------------|--|---|---|
| JB01        | Ceiling Mount / Junction Box (3/4" NPT)<br>Grey Painted, A356 Aluminum |    |    |
| SN9001      | Stanchion Mount - 90° (1-1/4" NPT)<br>Grey Painted, A356 Aluminum      |   |   |
| SN9002      | Stanchion Mount-90° (1-1/2" NPT)<br>Grey Painted, A356 Aluminum        |   |   |
| SN2501      | Stanchion Mount - 25° (1-1/4" NPT)<br>Grey Painted, A356 Aluminum      |  |  |
| SN2502      | Stanchion Mount - 25° (1-1/2" NPT)<br>Grey Painted, A356 Aluminum      |   |   |
| WL25        | Wall Mount - 25° (3/4" NPT)<br>Grey Painted, A356 Aluminum             |  |  |
| WL90        | Wall Mount - 90° (3/4" NPT)<br>Grey Painted, A356 Aluminum             |  |  |



# LEHF1

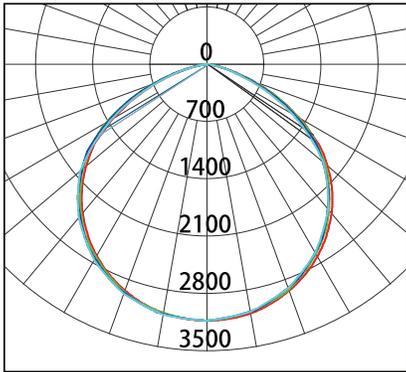
## HAZARDOUS LOCATION

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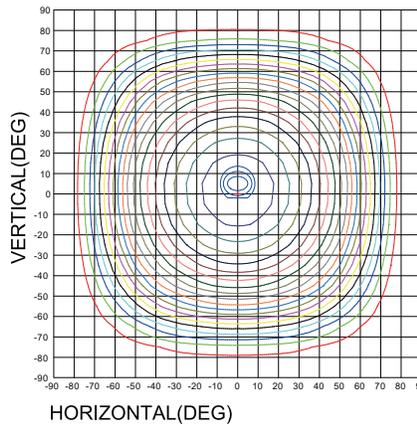


### PHOTOMETRICS

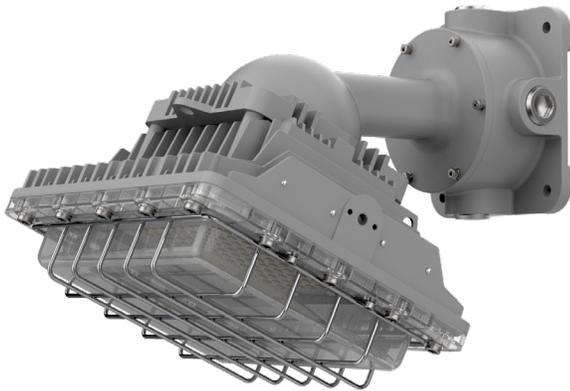
LEHF1 with Type V 110° Optic



- C0/180, 112.5
- C30/210, 113.7
- C60/240, 112.9
- C90/270, 111.4



| Illumination - Type V Optic (110°) |                |                          |
|------------------------------------|----------------|--------------------------|
| 6.6                                | 19.7           | 46                       |
| 13.1                               | 39.4           | 11                       |
| 19.7                               | 59.4           | 5                        |
| 26.2                               | 79.1           | 3                        |
| 32.8                               | 99.1           | 2                        |
| Height (ft.)                       | Diameter (ft.) | Foot Candle (fc) average |



Shown with WG05, AD01 & WL25  
(Wire Guard + Adapter + 25° Wall Mount)



Shown with WG05, AD01 & SN2501  
(Wire Guard + Adapter + 25° 1-1/4" Stanchion Mount)  
(Pole shown for illustration purposes only)