



Surface Mount Linear 24" Hazardous Location



C1 D2
HAZARDOUS



Description

The Litelume Surface Mount Linear 24" Hazardous Location (LL-SML24HL) Class 1, Division 2 series wall and ceiling mount luminaire is available with clear or LumaLens lenses and open door frame designed to replace HID lighting systems from 175w to 250w MH or HPS. Typical lighting applications include industrial facilities, oil, gas, painting facilities, and auto service facilities. Mounting heights of 12 to 25 feet can be used based on light level and uniformity requirements.

Fixture Information

Size:

47W/66W

Housing:

Die-cast Aluminum Housing

Finish:

Powdercoat Finish Over a Chromate Conversion Coating

Mounting:

Yoke Mount
Adjustable Bracket

Lens:

Standard: Clear UV-Stabilized Polycarbonate

Optional: SoftLED LumaLens
Opal UV-Stabilized Polycarbonate
Vandal-Resistant Lens

CRI:

80

Temperature:

-25°C to +40°C

Voltage:

Standard: 120-277V

Custom Option: 347-480V

Power Factor:

>.90

Surge Protector:

6 kVA

Warranty:

10-Year Limited Warranty

Performance Data

Lumen Output:

7,017 to 10,294 lm

Lumens Per Watt (typical):

121 to 134 lm/W

CCT:

4000K
5000K

Lifespan:

138,000 hrs

Ratings & Certificates

ETL Listed for Hazardous Locations Per UL844 as Follows: Class 1, Division 2 Groups A, B, C, D; T4 Temperature Rating, -25°C to +50°C Ambient.

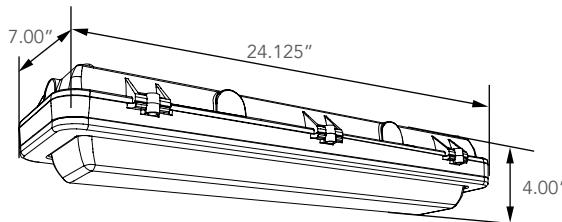
Suitable for Wet Locations, Sealed LED Compartment



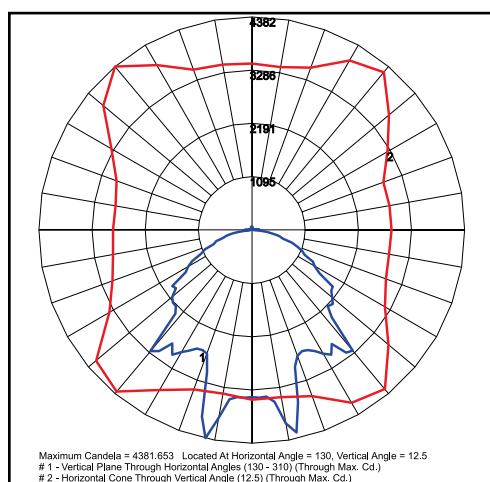


Dimension

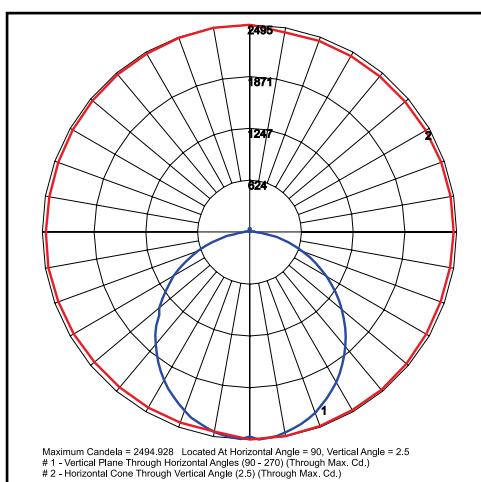
| Item | Height | Width | Length |
|---------|--------|---------|--------|
| 47W/66W | 4.00" | 24.125" | 7.00" |



Photometric



Maximum Candela = 4381.653 Located At Horizontal Angle = 130, Vertical Angle = 12.5
1 - Vertical Plane Through Horizontal Angles (130 - 310) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (12.5) (Through Max. Cd.)



Maximum Candela = 2494.928 Located At Horizontal Angle = 90, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

LL-SML24EP-66-50-UNV
Clear Lens

LL-SML24EP-66-50-UNV
Softled LumaLens

Accessories

| | |
|--|--|
| | |
| LVABRSS-Stainless Steel Adjustable Bracket, Set of Two | LV2AYSS- Stainless Steel Yokes for HLV2A, Includes Hardware. |



| | |
|--------------|--|
| Project Name | |
| Catalog # | |
| Job Type | |
| Prepared By | |
| Notes | |

Fixture Ordering Information

| Part # | Wattage | Lumens | Kelvin | Voltage | Color |
|-------------------------|---------|--------|--------|---------|-------|
| LL-SML24HL-47-40-UNV-GY | 47 | 7017 | 4000 | 120-277 | Grey |
| LL-SML24HL-47-50-UNV-GY | 47 | 7309 | 5000 | 120-277 | Grey |
| LL-SML24HL-66-40-UNV-GY | 66 | 9882 | 4000 | 120-277 | Grey |
| LL-SML24HL-66-50-UNV-GY | 66 | 10294 | 5000 | 120-277 | Grey |

Accessories Ordering Information

| Part # | Description |
|----------------------|---|
| L | SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens* |
| LVABRSS | Stainless Steel Adjustable Bracket, Set of Two |
| LV2AYSS | Stainless Steel Yokes for HLV2A, Includes Hardware. |
| SUB "UNV" WITH "480" | 480 Volt |

* Please contact LITELUME for all Custom Option Requests