

# BLHV-H27

LED Hazardous Location High Bay Fixture



Project

Product Code

Type

Date

Approval

The BLHV-H27 is a high bay LED hazardous location fixture. The BLHV-H27 is ideal for indoor or outdoor use where there is a high probability of exposure to hazardous dust or gases. Its unique, IP67 certified body makes it ideal in environments where vapour-proof efficiency and performance are a factor

## Overview

- L70 of ##,000 hours+
- L90 of ##,000 hours+
- Fibreglass body with a continuous poured neoprene gasket
- 0-10V dimming standard
- Marine Grade 316-Stainless steel clips standard

## Construction

- Manufactured in Ontario, Canada
- Fibreglass body with neoprene gasket ensures a dust and water resistant seal

## Electrical

- ETL certified to UL Canada and United States standards. The fixture is available in 120 - 277V and 347/480V

## Optics

- The high-efficiency lens maximizes light distribution while providing diffusion of LED point sources and reducing glare. Optics available for wide or narrow distribution

## Mounting

- Can be suspended, and surface mounted

## Options

- 80 CRI standard - 90 CRI, 95+CRI available
- Lumen packages are available from 10,000L to 32,000L
- Available in 3000K, 3500K, 4000K, 5000K, and 6500K
- IP69 rated fixture housing (2ft fixture only)
- Polycarbonate Lens

## NOTES

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## ↓ ↓ ↓ NOMENCLATURE

| Fixture Type | Efficacy | Fixture Size | Lumen Output | CRI        | Color Temp  | Driver Voltage | Options |
|--------------|----------|--------------|--------------|------------|-------------|----------------|---------|
| BLHV         | H        |              | L            |            |             |                | H27-    |
|              | H - High |              | 10           | 8 - 80 CRI | 30 - 3000 K | UNV - 120-277V |         |
|              |          |              | 12           | 9 - 90 CRI | 35 - 3500 K | 347 - 347V     |         |
|              |          | 2'           | 14           |            | 40 - 4000 K |                |         |
|              |          |              | 16           |            | 50 - 5000 K |                |         |
|              |          |              | 18           |            | 65 - 6500 K |                |         |
|              |          |              | 20           |            |             |                |         |
|              |          | 4'           | 24           |            |             |                |         |
|              |          |              | 32           |            |             |                |         |

### Mounting

- Blank - Standard V-Hooks
- M3xx - Y-Toggle Aircraft Cables
- M14 - Heavy Duty Surface Mount Brackets
- M20 - Ceiling Mount V-Hooks
- M\*\* - Other Options Available

| XX | Aircraft Length |
|----|-----------------|
| 05 | 5 Ft            |
| 10 | 10 Ft           |
| 15 | 15 Ft           |
| 20 | 20 Ft           |

Example: M310 - 10 foot aircraft cables

### Fastener Options

- Blank - Stainless Steel Latch

### Controls

- B11 - 0-10V Dimming Leads
- WC\*\* - Wireless Controls

### Optics

- Blank - Standard Beam Distribution
- O1 - Wide Beam Distribution

### Packaging

- P0 - Bulk Packaging
- P\*\* - Other Options Available

### Hazardous Locations

- H27 - Hazardous Locations Class 1 Div. 2 Groups ABCD, Class 2 Div. 2 Groups FG, Class 3 Div. 2

### Lenses

- L26 - Clear Polycarbonate Lens
- L49 - Frosted Acrylic Lens
- L55 - Clear Acrylic Lens
- L59 - Frosted Polycarbonate Lens

### Cords (Specify Length)

- W3xx - 16/3 White Cord
- W4xx - 16/3 Black Cord
- W\*\* - Other Options Available

| XX | Cord Length |
|----|-------------|
| 06 | 6 Ft        |
| 10 | 10 Ft       |
| 15 | 15 Ft       |
| 20 | 20 Ft       |

Example: W306 - 6 foot white cord

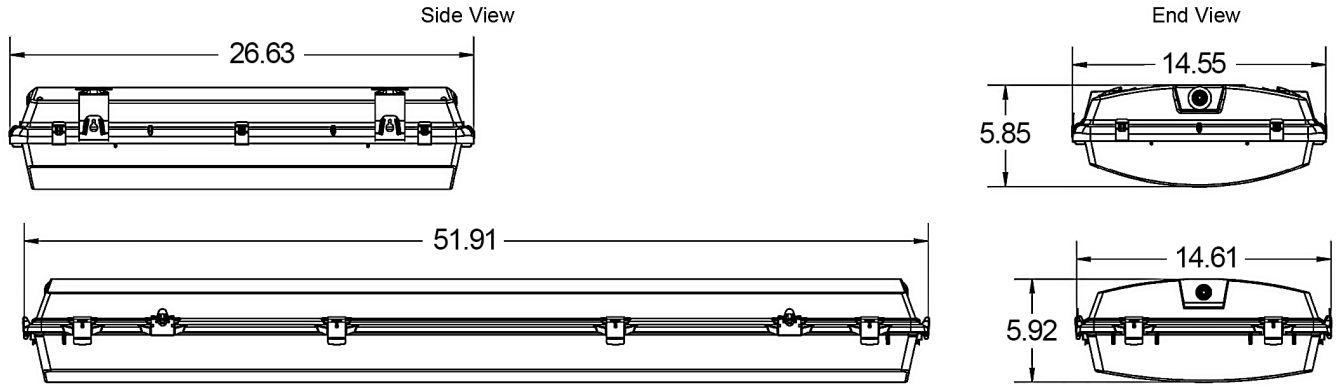
### Mounting

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## DIMENSIONS



## SPECIFICATIONS

High Efficiency Wattage Chart

|    | Lumen Output | Actual Lumen Output | Fixture Wattage | Lumens per Watt |    | Lumen Output | Actual Lumen Output | Fixture Wattage | Lumens per Watt |  |
|----|--------------|---------------------|-----------------|-----------------|----|--------------|---------------------|-----------------|-----------------|--|
| 2' | 10           | 10,208              | 69.21           | 147.5           | 4' | 24           | 22,720              | 156.08          | 145.6           |  |
|    | 12           | 11,768              | 80.43           | 146.3           |    | 32           | 29,630              | 203.69          | 145.5           |  |
|    | 14           | 13,334              | 91.88           | 145.1           |    |              |                     |                 |                 |  |
|    | 16           | 14,874              | 103.33          | 143.9           |    |              |                     |                 |                 |  |
|    | 18           | 16,820              | 116.52          | 144.4           |    |              |                     |                 |                 |  |
|    | 20           | 18,772              | 129.71          | 144.7           |    |              |                     |                 |                 |  |

Based on UNV Voltage  
 Based on 4000K  
 Based on 80 CRI