

# Dialight



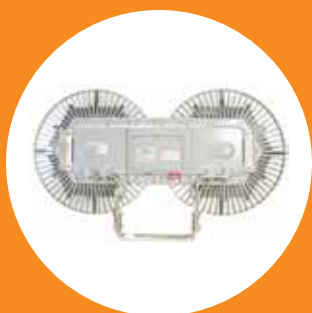
## Vigilant<sup>®</sup> LED High Bay 480V AC Passive Power Supply - UL / CSA

for Indoor and Outdoor Industrial Applications

# On when it matters most.

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Products and solutions that protect your business







## Features & Benefits

- 10 year full performance warranty
- L70 rated for >150,000 hours
- Instant on/off
- Mercury free
- No UV or IR
- Resistant to shock and vibration

## Application

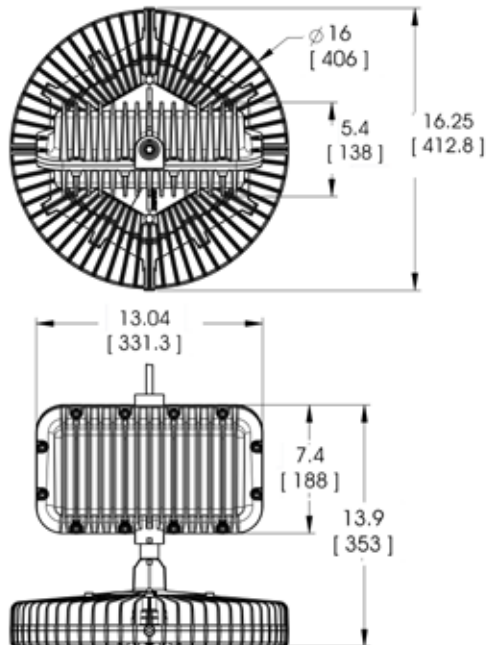
Dialight's 480V AC Vigilant® LED High Bay fixture was designed specifically to replace conventional lighting in a wide variety of industrial applications; both indoor and outdoor. Its low profile light weight design and versatile mounting options make it ideal for many applications such as warehouse, garage, aisle, cold storage, bridge, tunnel and general area lighting.

# Vigilant® LED High Bay 480V AC Passive Power Supply - UL / CSA

## Standard Models



Patent pending



Dimensions in inches [mm]

### Certifications & Ratings

- UL 1598/A
- CSA C22.2 #250
- IP66

### Mechanical Information:

<b>Fixture weight:</b>	40 lbs (18 kg)
<b>Shipping weight:</b>	45 lbs (20 kg)
<b>Mounting:</b>	(1) 3/4" NPT - top (2) 5/16"-18 x .75" UNC - side
<b>Entries:</b>	10' (3.05m) STOOV Power Cord

### Electrical Specifications:

<b>Operating Voltage:</b>	480V AC, 60Hz
<b>Total system power consumption:</b>	See table
<b>Operating Temp:</b>	-40°F to +149°F (-40°C to +65°C)
<b>Harmonics:</b>	IEC 61000-3-2
<b>Noise requirement /EMC:</b>	FCC Title 47, Subpart B, Section 15, class A device. RF Immunity; 10V/m, 80MHz-1GHz
<b>Transient protection:</b>	Protection devices capable of handling up to 6kV. Tested for 6kV/2 ohm combination wave, as per IEEE C62.41, line-line and line-ground
<b>THD:</b>	<20%
<b>Power Factor:</b>	> 0.9
<b>Fusing:</b>	Internal on black and red wire

### Construction:

<b>Housing:</b>	Copper free aluminum
<b>Finish:</b>	Superior dual coat finish Sealed polyester topcoat Chemical-resistant epoxy prime
<b>Lens<sup>1</sup>:</b>	Tempered glass

### Photometric Information:

<b>CRI:</b>	75
<b>CCT:</b>	5000K (cool white)

All values typical unless otherwise stated (tolerance +/- 10%)

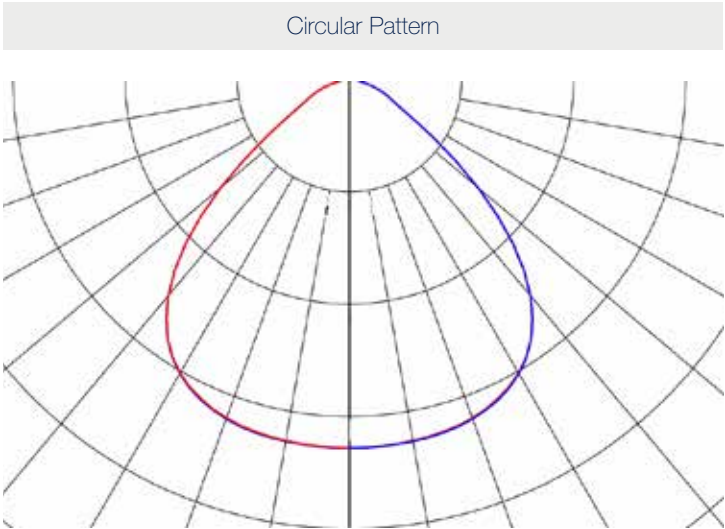
<sup>1</sup>For information on chemical compatibility, please follow this link to reference Dialight's Chemical Compatibility Guide: [www.dialight.com/pubs/MDTFCHEMRFLX001.PDF](http://www.dialight.com/pubs/MDTFCHEMRFLX001.PDF)

Vigilant<sup>®</sup> LED High Bay 480V AC Passive Power Supply - UL / CSA

Ordering Information

Part Number	Fixture Lumens	Watt	Lumens Per Watt	CCT	Wet Locations	Voltage	Lens	Optical Pattern	
								Circular	Wide
Standard Models									
HEGMCPN-SNGLX	26,500	212	125	5000K (cool white)	IP66	480V AC	Tempered glass	•	
HEGMCPKN-SNGLX	18,000	144	125	5000K (cool white)	IP66	480V AC	Tempered glass	•	

All values typical unless otherwise stated, Lumen values are typical (tolerance +/- 10%).



# Vigilant® LED High Bay 480V AC Passive Power Supply - UL / CSA

## Ordering Information and Mounting Accessories

**HLXW2-SS**

- 316 stainless steel swivel bracket and cable gland

**HLXW3-SS**

- 316 Stainless Steel swivel bracket

**HBXL**

- Loop

**HBXH**

- Hook

**HLXW2**

- Aluminum swivel bracket and cable gland

**HLXW3**

- Aluminum swivel bracket

**HBXLENGC**

- Clear tempered glass

**HBXCG**

- Cable gland

**HBXCU**

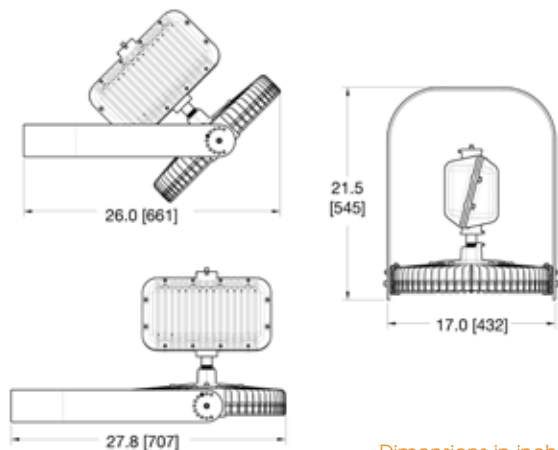
- Ceiling / wall mount



# Vigilant® LED High Bay 480V AC Passive Power Supply - UL / CSA

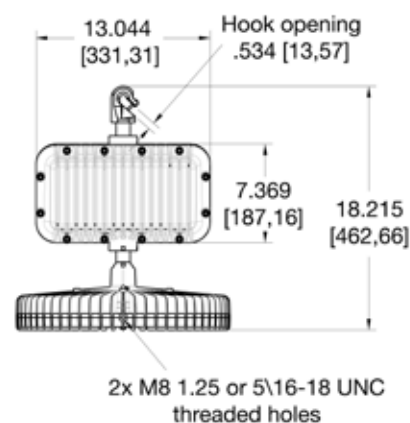
## Options and Accessories Drawings

HLXW3-SS - Swivel Bracket



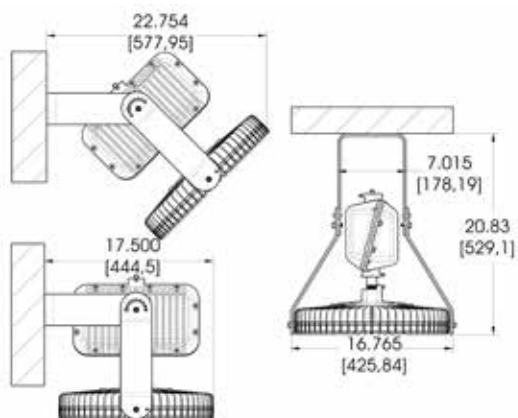
Dimensions in inches [mm]

HBXH - Hook



Dimensions in inches [mm]

HLXW3-SS - Swivel Bracket



Dimensions in inches [mm]

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