

# Vigilant® LED High Bay - High Output

## Technical Specifications



### Ratings and Certifications

- 10 year warranty
- L70 >125,000 hours @ 25°C ambient
- CE
- IP66
- IK05 (glass and acrylic lens)
- 0-10V dimming as standard

\*All features not available on every model. Please refer to product part number pages for model specifics.

### Mechanical Information

Fixture weight:	26.8 kg (59 lbs)
Shipping weight:	33.1 kg (73 lbs)
*Note: Wire box installed separately from housing	
Mounting:	Hook mount 316 Stainless steel
Cable Entry:	M25 x 4
Terminals:	4mm <sup>2</sup> x 6

### Specifications

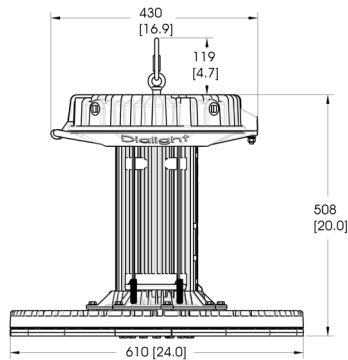
Voltage options:	120-277 VAC	Housing:	Copper-free aluminium
	415 VAC (consult sales)	Finish:	Superior dual coat finish - Sealed polyester topcoat - Chemical-resistant epoxy prime
Operating temp:	-40°C to +65°C	Lens:	See Table
Power factor:	>0.9	CRI:	80
THD:	<20%	CCT:	5000K (cool white)
Surge protection:	6kV/2 ohm combination wave, as per IEEE C62.41, line-line and line-ground		4000K (neutral white)

### Comparison

	Warranty	L70
Dialight LED High Bay	10yr	>125,000
Metal Halide	1	15,000
High Pressure Sodium	1	20,000

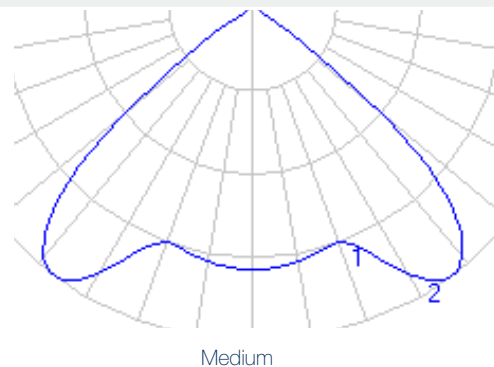
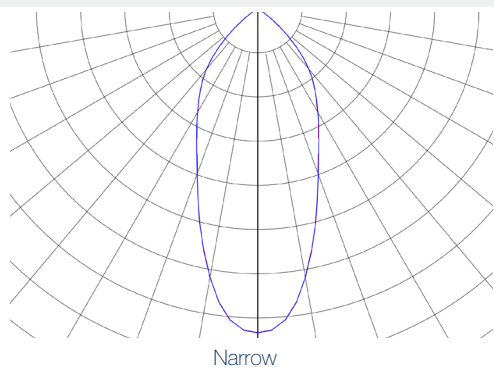
Lumens	Wattage	lm/W	Mounting Heights
60,000	480	125	Up to 30m
45,000	360	125	Up to 20m

### Dimensions



Dimensions in mm [inches]

### Beam Distribution



When ordering please refer our website [www.dialight.com](http://www.dialight.com) to view the current versions of all relevant product documentation, including the most up-to-date product data sheets. For the avoidance of doubt, in the event of any discrepancy between the contents of this document and information provided on our website, the information provided on our website shall prevail.

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## Ordering Information & Mounting Accessories

Part Number	Lumens	Wattage	lm/W	Voltage	Colour Temperature (CCT)	Lens	Beam Distribution
Standard Models - 120-277 VAC							
H6EGMC44D-HNNG	60,000	480	125	120-277 VAC	5000K (cool white)	Tempered glass	Medium
H6EGNC44D-HNNG	60,000	480	125	120-277 VAC	5000K (cool white)	Tempered glass	Narrow
H6EGMC4WD-HNNG	45,000	360	125	120-277 VAC	5000K (cool white)	Tempered glass	Medium
H6EGNC4WD-HNNG	45,000	360	125	120-277 VAC	5000K (cool white)	Tempered glass	Narrow

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

415 VAC options available, please consult local Dialight sales office for availability.

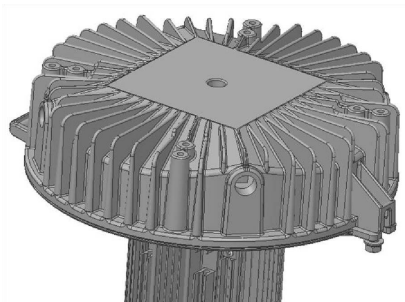
Acrylic and polycarbonate lens options available on made-to-order basis, please consult local Dialight sales office for availability.



### H6XCAB72

- 1.8M stainless steel safety rope

### Mounting Options



Wiring Box



Top Hat Hinge