

.....Dialight



Vigilant® LED High Bay - CE

for Indoor and Outdoor Industrial Applications



On when it matters most.

Products and solutions that protect your business





Features & Benefits

- 10 year full performance warranty
- L70 rated for >100,000 hours @ 25°C ambient
- 125 LPW
- Dual mounting option available
- Significantly reduced glare
- Instant on/off
- Maintenance free
- Mercury free
- No UV or IR
- Resistant to shock and vibration

Application

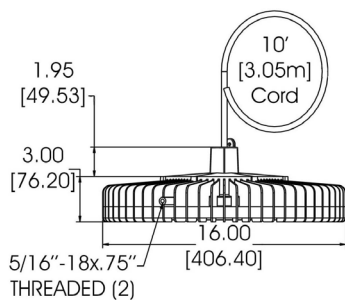
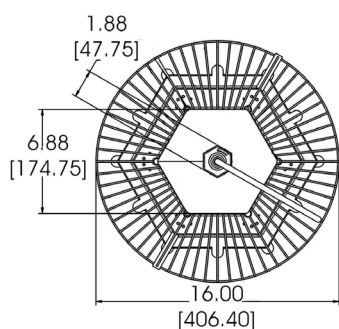
At 125 lumens per watt, Dialight's new ultra-efficient industrial LED High Bay revolutionises the world of LED lighting and is by far the most innovative LED fixture available today. With a market-leading 10 year full performance warranty, the new Vigilant® 26,500 lumen high bay utilises cutting-edge optical and electrical design to provide for significantly reduced glare and superior light distribution.

Vigilant LED High Bay - CE

Standard Models



Patent pending



Dimensions in mm (inches)

Certifications & Ratings

- CE
EN 55015:2013
EN 61547:2009
EN 60598:2008
IEC60068 salt spray testing-severity 1
- IP66 to EN60529
- NEMA 4X
- IK05 to EN50102

Mechanical Information:

Fixture weight:	8.16kg (18lbs)
Shipping weight:	10.8kg (24lbs)
Mounting:	Hook (supplied) or Swivel bracket (supplied separately)
Cabling:	3m (10') PVC Power Cord

Electrical Specifications:

Operating Voltage:	110 – 277V AC: 25,750 & 26,500lm models 100 – 277V AC: 11,000, 14,000 & 18,000lm models
Total system power consumption:	See table
Operating Temp:	-40°C to +65°C (-40°F to +149°F)
Harmonics:	IEC 61000-3-2
Transient protection:	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
THD:	<20%
Power Factor:	> 0.9

Construction:

Housing:	Copper free aluminum
Finish:	Superior dual coat finish - Sealed polyester topcoat - Chemical-resistant epoxy primer
Lens:	Tempered glass

Photometric Information:

CRI:	75
CCT:	5000K (cool white) 4000K (neutral white)
IES Files:	Available at www.dialight.com

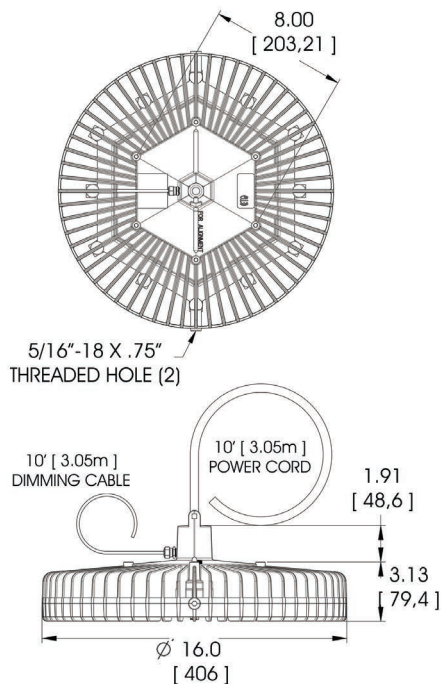
All values typical unless otherwise stated (tolerance +/- 10%)

Vigilant LED High Bay - CE

Variable Dimming Models



Patent pending



Dimensions in mm (inches)

Features & Benefits

- 3 metre, 5 core PVC cable pre-installed
- Multiple High Bays can be connected to the same dimmer

Mechanical Information:

Fixture weight:	8.16kg (18lbs)
Shipping weight:	10.8kg (24lbs)
Mounting:	Hook (supplied) or Swivel bracket (supplied separately)
Cabling:	3m (10') PVC Power Cord

Electrical Specifications:

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Transient protection:	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
THD:	<20%
Power Factor:	> 0.9

Variable Dimming:

Variable dimming cable:	Dimming connections included in factory installed 5 core cable. Multiple High Bays can be connected to the same dimmer, consult dimming instructions and manufacturer
Variable dimming control:	0-10V DC
Typical dimmer range:	10V DC = 100% light output 0V DC = 30% light output

Construction:

Housing:	Copper free aluminum
Finish:	Superior dual coat finish - Sealed polyester topcoat - Chemical-resistant epoxy primer
Lens:	Tempered glass

Photometric Information:

CRI:	75
CCT:	5000K (cool white) 4000K (neutral white)
IES Files:	Available at www.dialight.com

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

Vigilant LED High Bay - CE

Options and Accessories



HBXW3

- Aluminium swivel bracket



HBXSBDK

- Sand blast kit (dome lens)

HBXSBDL

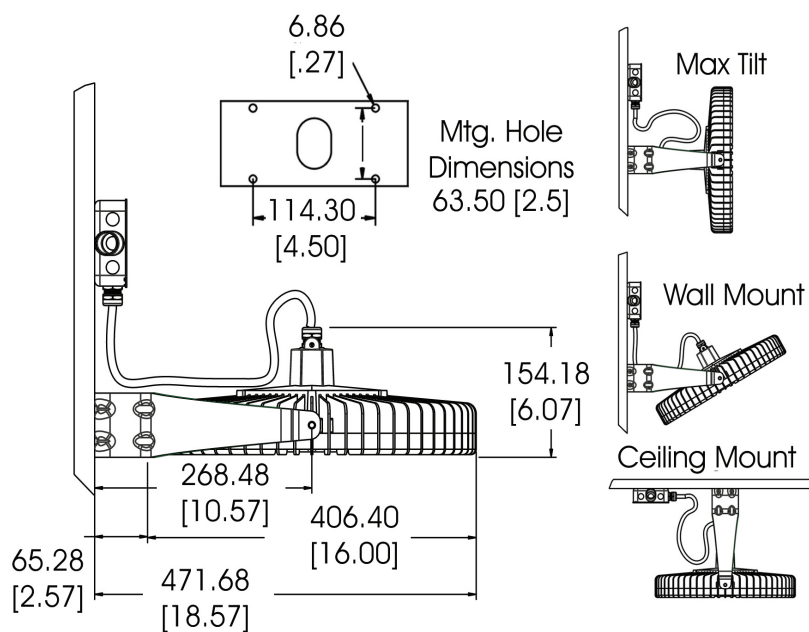
- Sacrificial dome lens



HBXGS

- Glare shield (internal use only, for use with flat lens)

HBXW3 - Swivel bracket dimensions



Vigilant LED High Bay - CE

Ordering Information (All models are fitted with Type 1 style plug)

Part Number	Initial Fixture Lumens	Wattage	Lm/W	IP Rating	Voltage	Colour Temperature (CCT)	Lens	Light Distribution
Standard Models								
HEZGMC4PN-HNG	26,500	212	125	IP66	110 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEZGRC4PN-HNG	26,500	212	125	IP66	110 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEZGEC4PN-HNG	26,500	212	125	IP66	110 - 277V AC	5000K (cool white)	Tempered glass	Narrow
HEZGNC4PN-HNG	25,750	204	125	IP66	110 - 277V AC	5000K (cool white)	Tempered glass	Oval
HEZGMC4KN-HNG	18,000	144	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEZGRC4KN-HNG	18,000	144	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEZGEC4KN-HNG	18,000	144	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Narrow
HEZGNC4KN-HNG	18,000	144	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Oval
HEZGMC4GN-HNG	14,000	112	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEZGRC4GN-HNG	14,000	112	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEZGEC4GN-HNG	14,000	112	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Narrow
HEZGNC4GN-HNG	14,000	112	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Oval
HEZGMC4DN-HNG	11,000	88	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEZGRC4DN-HNG	11,000	88	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEZGEC4DN-HNG	11,000	88	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Narrow
HEZGNC4DN-HNG	11,000	88	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Oval
Variable Dimming Models								
HEZGMC4PD-HNG	26,500	212	125	IP66	110 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEZGRC4PD-HNG	26,500	212	125	IP66	110 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEZGMC4KD-HNG	18,000	144	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEZGRC4KD-HNG	18,000	144	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEZGMC4GD-HNG	14,000	112	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEZGRC4GD-HNG	14,000	112	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Wide
HEZGMC4DD-HNG	11,000	88	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Medium
HEZGRC4DD-HNG	11,000	88	125	IP66	100 - 277V AC	5000K (cool white)	Tempered glass	Wide

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

All models above are fitted with Type 1 style plug

