

Vigilant® LED High Bay - CE

for Indoor and Outdoor Industrial Applications

CE

On when it matters most.

Products and solutions that protect your business





Features & Benefits

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

Application

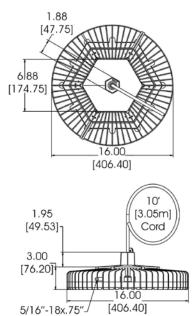
At 125 lumens per watt, Dialight's new ultra-efficient industrial LED High Bay revolutionises the world of LED lighting and is by far the most innovative LED fixture available today. With a marketleading 10 year warranty, the new Vigilant[®] 26,500 lumen high bay utilises cutting-edge optical and electrical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

IP66 to EN60529 NEMA 4X

Vigilant LED High Bay - CE **Standard Models**



Patent pending



THREADED (2)

Dimensions in mm (inches)

Certifications & Ratings

Mechanical Information:	
IK05 to EN50102	
severity 1	
IEC60068 salt spray testing-	
EN 60598:2008	
EN 61547:2009	
EN 55015:2013	•
CE)

8.16kg (18lbs) Fixture weight: Shipping weight:

10.8kg (24lbs) Mounting: Hook (supplied) or Swivel bracket (supplied separately) 3m (10') PVC Power Cord

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Cabling:

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Lens:

CRI:

CCT:

IES Files:

Photometric Information:

lectrical Specification	IS:
Operating Voltage: 10 – 277V AC: 00 – 277V AC:	25,750 & 26,500lm models 11,000, 14,000 & 18,000lm models
otal system power onsumption:	See table
perating Temp:	-40°C to +65°C (-40°F to +149°F)
larmonics:	IEC 61000-3-2
ransient 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
HD:	<20%
ower Factor:	> 0.9
Construction:	
lousing:	Copper free aluminum
inish:	Superior dual coat finish - Sealed polyester topcoat - Chemical-resistant epoxy primer

Tempered glass

5000K (cool white) 4000K (neutral white)

Available at www.dialight.com

75

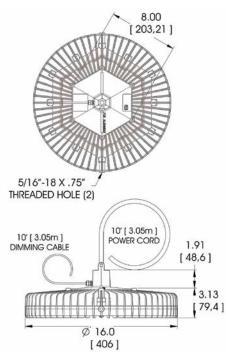
All values typical unless otherwise stated (tolerance +/- 10%)

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	on:				
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 Specification	ns:				
Operating Voltage:					
110 – 277V AC: 100 – 277V AC:	25,750 & 26,500lm models 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				
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

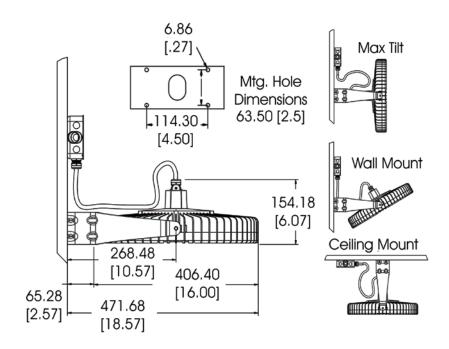
Sacrificial dome lens



HBXGS

• Glare sheild (internal use only, for use with flat lens)

HBXW3 - Swivel bracket dimensions

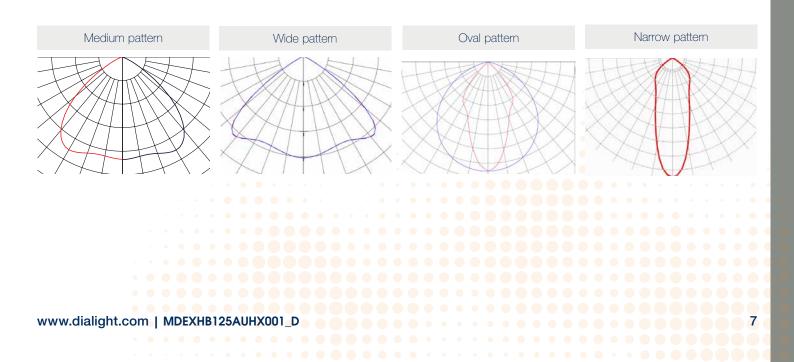


Vigilant LED High Bay - CE Ordering Information (All models are fitted with Type 1 style plug)

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



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