

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.

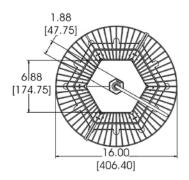
Application

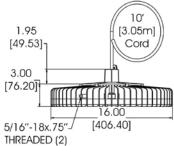
At 125 lumens per watt, Dialight's new ultra-efficient industrial LED High Bay revolutionises the world of LED lighting and is by far the most innovative LED fixture available today. With a market-leading 10 year full performance warranty, the new Vigilant® 26,500 lumen high bay utilises cutting-edge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

Standard Models



Patent pending





Dimensions in mm (inches)

Certifications & Ratings

• CE

EN 55015:2013 EN 61547:2009

IEC60068 salt spray testingseverity 1

IK05 to EN50102

EN 60598:2008

IP66 to EN60529

NEMA 4X

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: 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°

-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:

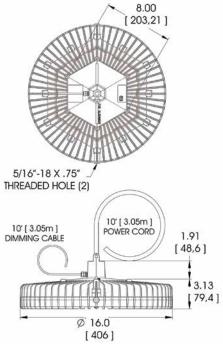
Available at www.dialight.com

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

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:

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

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

OV DC = 30% light output

Construction:

Housing: Copper free aluminum

Finish: Superior dual coat finish

Sealed polyester topcoatChemical-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%)

Options and Accessories



HBXW3

Aluminium swivel bracket



HBXSBDK

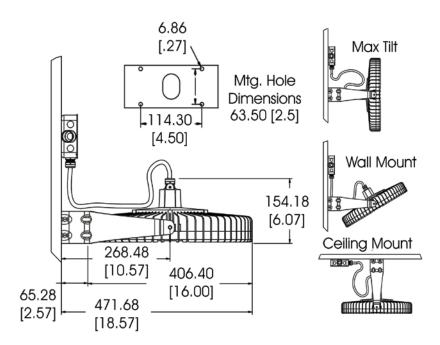
- Sand blast kit (dome lens)
 HBXSBDL
- Sacrificial dome lens



HBXGS

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

HBXW3 - Swivel bracket dimensions

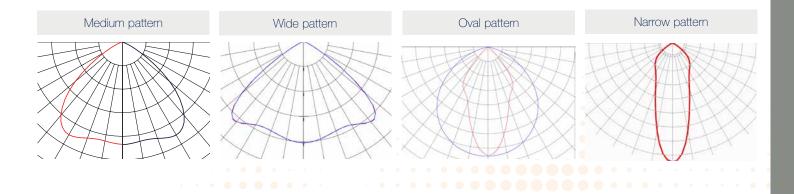


Ordering Information (All models are fitted with Type 1 style plug)

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



North American HQ

1501 Route 34 South Farmingdale, NJ 07727

төг. 732-919-3119 Fax: 732-751-5778 info@dialiaht.com

EMEA HQ

Exning Road, Newmarket Suffolk, England, CB8 0AX Tel: +44 (0) 1638 665161

Houston office

16830 Barker Springs Ro Ste 407 Houston TX 77084

Australia office

38 O'Malley St

Tel: +61 (0) 8 9244 7600 Fax: +61 (0) 8 9244 760

Brazil

Av. Joao Antonio Meccatti, 1601 – Galpao 07 – Jd Planalto Jundiai – SP – 13211-223 Tel: +55 (11) 4431-4300

Fax: +55 (11) 4431-4300

Middle East office

Level 42
Emirates Towers (Office Tower
Sheikh Zayed Road
Dubai, United Arab Emirates
Tel: +971(0)4319 7686

Southeast Asia office

240 Macpherson Road #07-05 Pines Industrial Building Singapore 348574