LED *HighBay*

energys™

theLIA MEMBER

NEWVISION

- Slimline low profile design
- Over 130lm/W fixture efficacy
- Over 100,000 hours life expectancy
- 7 years manufacturer's warranty
- IP44 Rated, ideal for all indoor applications
- Aluminium case with anti-corrosive case coating
- Separate driver compartment for excellent heat management

The perfect solution for all high bay type applications with a wide range of power options.

Key Features:

The New Vision range of high bay panels from 60 to 200 watts of power provides the highest possible specification at a sensible price. By using the latest generation of LED chips together with a very low loss driver and excellent optical materials we are able to deliver an efficacy of over 130 lumens per watt with driver and optical losses accounted for.

Large illumination surface area reduces Glare Level.

Isolating the driver in a self contained compartment provides very good thermal management with a maximum surface temperature of just 58 degrees centigrade at 20 degrees centigrade ambient helping to deliver long life for both the driver and the LED arrays.

IntelliDim, 0-10V and DALI dimming option available

DRIVER FEATURES

0-10V dimmable and DALI dimmable options available

Auto restart

Operating voltage 100-277 Vac

High efficiency driver >92%

IntelliDim compatible

High bay

Technical Overview

| Product Code | Dimensions Length x Width x height (Weight) | Chips | | Lamp | | | | |
| | | | | Photometric | | Electrical | | |
		CRI	Efficacy	Efficacy	Lumen	Input Voltage	Input current @ 240Vac	System Power
HBL-22060-840-F01	600 x 600 x 50mm (4.7kg)	>80	190 lm/W	130 lm/W	7,800 lm	220-240 Vac (50/60Hz)	250 mA	60.0 W
HBL-22100-840-F01	600 x 600 x 50mm (4.7kg)	>80	190 lm/W	130 lm/W	13,000 lm		417 mA	100.0 W
HBL-22130-840-F01	600 x 600 x 50mm (4.9kg)	>80	190 lm/W	130 lm/W	16,900 lm		542 mA	130.0 W
HBL-22160-840-F01	600 x 600 x 50mm (4.9kg)	>80	190 lm/W	130 lm/W	20,800 lm		667 mA	160.0 W
HBL-22200-840-F01	600 x 600 x 50mm (5.1kg)	>80	190 lm/W	130 lm/W	26,000 lm		833 mA	200.0 W

notes
- *Standard product CCT is 4000K, for 2700K or 6000K, replace 840 in code with 827 or 860*
- *2700K products will yield 5% less efficacy and therefore 5% less light output*
- *Efficacy between Chip and Lamp level differs due to optical & driver losses*

Specifications

Operating temperature	-25 to +40°C	
Driver life expectancy	100,000 hours (MTBF @ta=25°C)	
Lumen maintenance @ max. power @ ta=25°C	L90 B10 @	35,000 hours
	L80 B10 @	65,000 hours
	L70 B10 @	100,000 hours
Warranty	7 years	
Protection rating	IP64 / IK05	
Diffuser Material	Polycarbonate	
Body material	Aluminium	

OPTIONS	
IntelliDim	
Replace F01 with	T01

- IntelliDim option is integral

DALI dimmable	
Replace F01 with	D01

1-10V Dimmable	
Replace F01 with	A01

Compliance

Low Voltage (Safety) Directive 2014/35/EU	
EN 60598-1	
EN 60598-2	
EMC Directive 2014/30/EU	
EN 55015	EN 61000-3-2
EN 61547	EN 61000-3-3
EN 62493	
LED Drivers	
EN 61347-1	EN 62384
EN 61347-2-13	

SELV 60 CE ROHS