

# GENESIS2-HB Highbay LED Lighting



### Key Features:

- IP65 main voltage LED light
- High system efficacy >140lm/W
- Instant start with no flickering
- Thermal design
- Energy saving & low maintenance costs
- On-site replaceable optics
- Long life ~ up to 50k hours
- High pressure die-cast aluminium
- 5 years warranty
- High efficiency using Bridgelux, Edison 3030 LED chip

### GENESIS2-HB SPECIFICATION

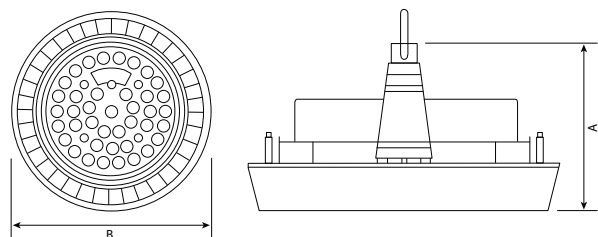
Part Code	GEN2-HB2	GEN2-HB3	GEN2-37500-REV-A
Input Voltage	100-240V	100-240V	100-240V
Frequency	50 ~ 60 Hz	50 ~ 60 Hz	50 ~ 60 Hz
Power Consumption	150W	200W	240W
Lumens	21000lm	28400lm	41000lm
Beam Angle	90°	90°	90°
Colour (K)*	5000K	5000K	5000K
CRI	>70	>70	>70
Efficacy (lm/W)	140	140	170
Fitting Colour	Pearl Dark Grey (RAL9023)		
Housing	Die cast aluminium		
Diffuser	Polycarbonate		
Mounting	Adjustable Bracket		
Power Factor	>0.95		
Working Temperature	-20°C ~ +45°C		
Storage Humidity	10% ~ 85%		
Protection	IP65		
IK Protection	IK08		
Surge Protection	5Kv		
Weight	2.83Kg	4.24Kg	4.24Kg
Dimensions	140 x 300mm Ø	145 x 400mm Ø	145 x 400mm Ø

Efficiency rated at CCT 4000K.

Optional beam angles of 60° & 120° available

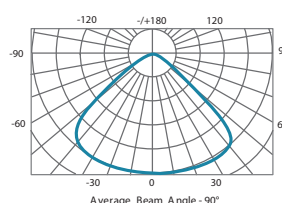
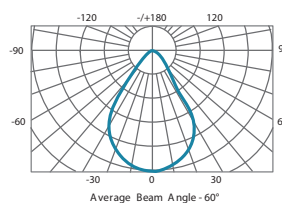


### Mechanical Diagrams



GEN2-HB2 A=140mm / B=300mm Ø  
 GEN2-HB3 A=145mm / B=400mm Ø  
 GEN2-37500-REV-A A=145mm / B=400mm Ø

### Photometrics



PowerLed (UK) Ltd  
 Orion House  
 Calleva Park  
 Aldermaston  
 Berkshire  
 RG7 8SN

Contact:  
 Tel: 0118 9703856  
 enquiries@powerled.uk.com  
 www.powerled.uk.com

