

# GENESIS2-HB Highbay LED Lighting



## Key Features:

- IP54 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-HB2 & HB3 SPECIFICATION

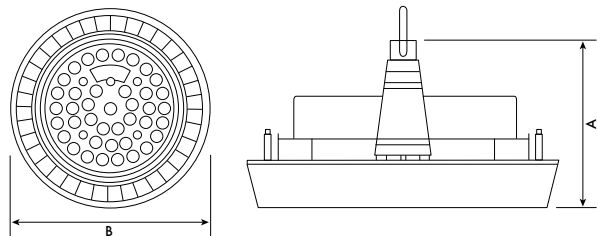
Part Code	GEN2-HB2	GEN2-HB3
Input Voltage	100-240V	100-240V
Frequency	50 ~ 60 Hz	50 ~ 60 Hz
Power Consumption	150W	200W
Lumens	21000lm	28400lm
Beam Angle	90°	90°
Colour (K)*	5000K	5000K
CRI	>70	>70
Efficacy (lm/W)	140	140
Fitting Colour	Pearl Dark Grey (RAL9023)	
Housing	Die cast aluminium	
Diffuser	Polycarbonate	
Mounting	Adjustable Bracket	
Power Factor	>0.95	
Working Temperature	-20°C ~ +45°C	
Storage Humidity	10% ~ 85%	
Protection	IP54	
IK Protection	IK08	
Surge Protection	5Kv	
Weight	2.83Kg	4.24Kg
Dimensions	140 x Ø 300mm	145 x Ø 400mm

Efficiency rated at CCT 4000K.



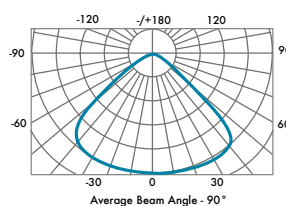
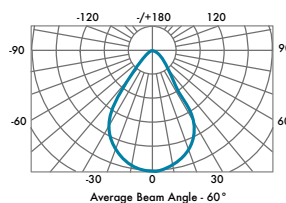
Optional beam angles of 60° & 120° available

## Mechanical Diagrams



GEN2-HB2 A=140mm / B= Ø300mm  
GEN2-HB3 A=145mm / B= Ø400mm

## Photometrics



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