

# LED LIGHTING

## CIRCULAR HIGH BAYS

> GALILEO SERIES



Our Galileo series LED Circular High Bays offer outstanding performance in a compact form factor. 100W, 150W and 200W versions are available, with lumen output at an extremely efficient 130 lumens per Watt.

Our circular high bays are manufactured using high end components, such as Nichia chips and Mean Well drivers. They come in a variety of beam angles, so that we can match the way the light spreads out from the LED precisely to the shape of the space below.

### FEATURES & BENEFITS

- Industry-leading **Mean Well** LED drivers, flicker free
- High output **Nichia** LED chips
- **130 lumens/Watt** efficiency
- Lumen output up to **26,000 lumens**
- Three beam angles available: 60°, 90° and 110°
- CRI>80
- TUV, CE and RoHS certified
- >50,000 hours lifetime
- Microwave sensors available for automatic dimming
- Emergency pack compatible
- 5 year warranty

### KEY DATA

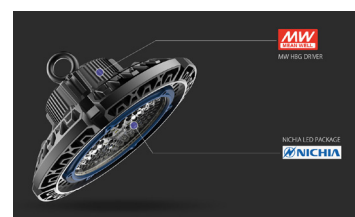
Power	100W to 200W
Lumen Output	13,000 to 26,000 lumens
Efficiency	130 lumens per Watt
Colour Temperature	4000K to 6000K
Warranty	5 years

### TYPICAL APPLICATIONS

- Warehouses
- Manufacturing facilities & Workshops
- Exhibition halls
- Airports and transport stations
- Shopping centres
- Gyms

### TYPICALLY REPLACES

- 250W and 400W metal halide
- 250W and 400W SON



# LED LIGHTING

## CIRCULAR HIGH BAYS | GALILEO SERIES | 100W to 200W | 4000K to 6000K

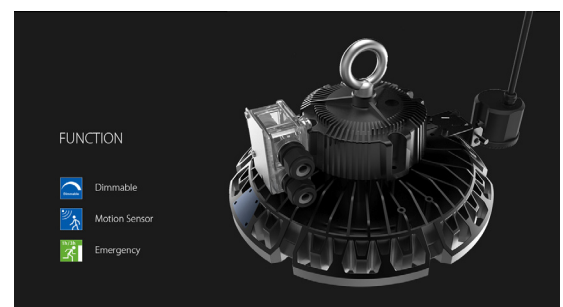
### SPECIFICATIONS

Product Codes	INF-CHB-GAL-100-13000	INF-CHB-GAL-150-19500	INF-CHB-GAL-200-26000
Rated Power (±5%)	<b>100W</b>	<b>150W</b>	<b>200W</b>
Lumen Output (±5%)	13,000 lumens	19,500 lumens	26,000 lumens
Panel Efficiency (±5%)	130 lumens/Watt	130 lumens/Watt	130 lumens/Watt
Correlated Colour Temperature (CCT)	4000K to 6000K		
Beam Angle	60°, 90°, 110°		
LED Chip Manufacturer, Model & Pieces	Nichia NI/NF GRT series / 105 pieces	Nichia NI/NF GRT series / 147 pieces	Nichia NI/NF GRT series / 196 pieces
Driver Manufacturer / Model	Mean Well / HLG series		
LM-80 Test Report	L70 = 88,000 hours (calculated)	L70 = 65,000 hours (calculated)	L70 = 71,000 hours (calculated)
Lifespan of Luminaire	>50,000 hours		
Warranty	5 years		
Colour Rendering Index (CRI)	>80		
Unified Glare Rating (UGR)	<22		
IP rating / IK / Glow-wire	IP65 / IK08 / 850°C		
Power Factor (PF)	>0.93		
Total Harmonic Distortions (THD)	<20%		
Input Voltage / Frequency	100-240 VAC / 50-60Hz		
Additional Controls (optional)	1-10V Dimming / Microwave motion sensor / Emergency packs		
Temperature	Working: -30°C to +50°C; Storage: -40°C to +85°C		
Dimensions	320x195 mm	320x195 mm	380x220 mm
Weight	4.5 Kg	5.2 Kg	9.2 Kg
Mounting Options	Chain suspended / Surface mounting bracket		

### INTELLIGENT LIGHTING CONTROLS

Our Galileo series of Circular High Bays are compatible with a variety of intelligent lighting controls, including:

- Microwave sensors for automatic dimming
- Emergency lighting packs



### IN-HOUSE DESIGN

We have our own team of lighting designers who can recreate your working environment in 3D modelling software, to guarantee the quality of light and lux levels are perfect. We follow CIBSE guidelines and have been accredited by the Carbon Trust. Contact us now on 0800 909 8882 to arrange a free of charge survey.

