

# GB Induction Lighting Ltd

53 London Road  
Camberley  
Surrey, GU15 3UG

☎: +44 (0) 1276 490 381  
✉: info@gbinductionlighting.co.uk  
🌐: www.gbinductionlighting.co.uk



Induction Lighting

## Specifications: High Bay

F001

- Available in 80W, 100W, 120W, 150W, 200W, 250W
- Fixture is made from die cast aluminium
- Reflector is made from high quality aluminium, processed with electro polishing
- Sealed glass lens
- Used in industrial buildings, gymnasiums, factories, warehousing and halls

### Technical Data

|                     |            |
|---------------------|------------|
| Rated voltage       | 220V       |
| Shell protection    | IP54       |
| Insulation grade    | I          |
| Anticorrosion grade | WF2        |
| Installation height | 8 - 15m    |
| Wattage             | 80W – 250W |

### Electrical Parameters

|                         |              |
|-------------------------|--------------|
| Input Voltage           | 97 – 277V AC |
| Power Frequency         | 47 – 63Hz    |
| Output Frequency        | 250KHz       |
| Total Power Consumption | 86W          |
| Power Efficiency        | 92%          |
| Power Factor            | ≥ 0.95       |

### Optical Parameters

|                                |                 |
|--------------------------------|-----------------|
| 200w Circular Lamp and Ballast |                 |
| Colour Temperature             | 2700 – 6500K    |
| Fixture Efficiency             | 79%             |
| Light Efficiency               | 82.5lm/W        |
| Luminous Flux                  | 6500 - 16500 lm |
| Colour Rendering Index         | ≥ 75 - 82       |

### Other Parameters

|                             |                               |
|-----------------------------|-------------------------------|
| Operating Temperature Range | -40 through to +50 centigrade |
| Average Lifespan            | 100 000 hrs                   |
| Lumen Maintenance           | 80 000 hrs – 80%              |
| HID Replacement             | 160 – 500W                    |
| Net Weight                  | 6.9 kgs                       |
| Fixture Dimensions          | 550 x 550 x 400mm             |
| Carton Dimensions           | 570 x 570 x 450mm             |

