

## GB Induction Lighting Ltd

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Induction Lighting

### Specifications: Hazardous Area Light

#### H001

- Available in 80W, 100W, 120W, 150W, 200W and 250W
- Fixture made from steel plate
- 5mm safety glass
- Rubber sealing ring of silicon rubber
- Used at fuel stations and hazardous areas

#### Technical Data

Rated voltage	220V
Shell protection	IP65
Insulation grade	I
Anticorrosion grade	WF2
Installation height	3 - 6m
Wattage	80 – 250W

#### Electrical Parameters

Input Voltage	97 – 277V AC
Power Frequency	47 – 63Hz
Output Frequency	250KHz
Total Power Consumption	88 – 275W
Power Efficiency	≥ 94%
Power Factor	≥ 0.95

#### Optical Parameters

80/250W Circular Lamp and Ballast	
Colour Temperature	2700 – 6500K
Fixture Efficiency	≥ 82%
Light Efficiency	≥ 84 lm/W
Luminous Flux	6500 - 20500lm
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	16.75 kgs
Fixture Dimensions	550mm x 550mm x 275mm
Carton Dimensions	585 x 585 x 290mm

