

GB Induction Lighting Ltd

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Induction Lighting

Specifications: Hazardous Area Light

H002

- Circular/Rectangular – Available in 80W, 100W and 120W
- 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 – 120W

Electrical Parameters

Input Voltage	97 – 277V AC
Power Frequency	47 – 63Hz
Output Frequency	250KHz
Total Power Consumption	88 – 132W
Power Efficiency	≥ 94%
Power Factor	≥ 0.95

Optical Parameters

80/120W Circular/Rectangular	
Lamp and Ballast	
Colour Temperature	2700 – 6500K
Fixture Efficiency	≥ 82%
Light Efficiency	≥ 84 lm/W
Luminous Flux	6500 - 9600lm
Colour Rendering Index	≥ 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 - 250W
Net Weight	12 kgs
Fixture Dimensions	550mm x 550mm x 190mm
Carton Dimensions	565 x 565 x 230mm

