

GB Induction Lighting Ltd

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Induction Lighting

Specifications: Explosion Proof Light

EX001

- Circular– Available in 40W, 60W and 80W
- Fixture made from cast aluminium alloy, sprayed with plastic
- Borosilicate prism glass
- Convenient maintenance
- Used at fuel stations and hazardous areas

Technical Data

Rated voltage	220V
Shell protection	IP65
Insulation grade	I
Anticorrosion grade	WF2
Installation height	4 - 6m
Wattage	40 – 80W

Electrical Parameters

Input Voltage	97 – 277V AC
Power Frequency	47 – 63Hz
Output Frequency	250KHz
Total Power Consumption	44 – 88W
Power Efficiency	≥ 94%
Power Factor	≥ 0.95

Optical Parameters

40/80W Circular Lamp & Ballast	
Colour Temperature	2700 – 6500K
Fixture Efficiency	≥ 80%
Light Efficiency	≥ 84 lm/W
Luminous Flux	3200 - 6500lm
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	80 - 160W
Net Weight	10 kgs
Fixture Dimensions	320mm x 320mm x 400mm
Carton Dimensions	420mm x 420mm x 480mm

