

# GB Induction Lighting Ltd

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Induction Lighting

## Specifications: Flood Light

FD002

- Available in 80W - 150W
- Fixture made from die cast aluminium
- Reflector made of high quality polished anodised aluminium
- Front lens toughened flat glass with heat resistant silicon rubber sealing ring
- Front cover lifts for easy maintenance

### Technical Data

Rated voltage	220V
Shell protection	IP65
Insulation grade	I
Anticorrosion grade	WF2
Installation height	6 - 8m
Wattage	80 - 150W

### Electrical Parameters

Input Voltage	97 - 277V AC
Power Frequency	47 - 63Hz
Output Frequency	250KHz
Total Power Consumption	88 - 165W
Power Efficiency	≥ 94%
Power Factor	≥ 0.95

### Optical Parameters

200 W Rectangular Lamp and Ballast	
Colour Temperature	2700 - 6500K
Fixture Efficiency	≥ 62%
Light Efficiency	≥ 84 lm/W
Luminous Flux	6200 - 20500lm
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	300 - 500W
Net Weight	13.9 kgs
Fixture Dimensions	530 x 530 x 300mm
Carton Dimensions	590 x 590 x 320mm

