



UNIT 12, THURNSCOE, BUSINESS CENTRE, PRINCESS DRIVE, THURNSCOE, ROTHERHAM S63 0BL. TEL 01709 890800

Data sheet 0411: 100W fibre optic Tungsten Halogen Light Source

The 100w halogen light source can be used in many applications used with high transmission fibre optic light guides, particularly intrinsically safe spot lighting for areas where no maintenance or interference is allowed inside the room .

TECHNICAL (LIGHT SOURCE)

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|----------------------|--|
| • OPERATING VOLTAGE | 220/240V 50Hz |
| • THERMAL PROTECTION | 70°C INTERNAL THERMAL CUT-OUT |
| • COOLING | FAN ASSISTED life average 50,000 hours |
| • LAMP | 100w Fibre Optic |
| • LAMP LIFE | AVERAGE 5000 hours |
| • COLOUR TEMPERATURE | 4000°K |

DIMENSIONS

- | | |
|-------------------|-------|
| • LENGTH | 200mm |
| • WIDTH | 200mm |
| • HEIGHT | 105mm |
| • WEIGHT | 3KG |
| • COMMON END BOSS | 30MM |



**100W Fibre Optic Tungsten
Halogen Light Source**

OPERATING INSTRUCTIONS

1. THE LIGHT SOURCE IS DESIGNED TO OPERATE FROM 220/240VAC 50Hz
2. THE LIGHT SOURCE IS SUPPLIED WITH PLUG AND LEAD FOR CONNECTION TO MAINS SUPPLY

LAMP REPLACEMENT

1. DISCONNECT FROM MAINS SUPPLY
2. REMOVE TOP COVER
3. **BEFORE REMOVING FROM HOLDER ENSURE THAT THE LAMP HAS COOLED OF SUFFICIENTLY, AS DURING OPERATION, THEY GET VERY HOT.**
4. DISCONNECT OLD LAMP FROM LIGHT SOURCE AND REPLACE WITH LAMP OF SAME RATING. ENSURE CONNECTORS ARE PUSHED TOGETHER. THE INNER GLASS SECTION OF THE LAMP MUST NOT BE TOUCHED WITH BARE FINGERS AS THIS WILL RESULT IN A MUCH REDUCED LAMP LIFE.
5. REPLACE TOP COVER
6. RECONNECT MAINS SUPPLY

MAINTENANCE

The light source is designed with maintenance in mind, all parts can be replaced. The frequency of cleaning and maintaining the light source will depend on the environment. For adverse / dusty areas a routine inspection is recommended and suitable scheduled maintenance should be set up.

