

TOOLIGHT™

A POWERFULL FIBRE OPTIC LIGHT INSPECTION SYSTEM

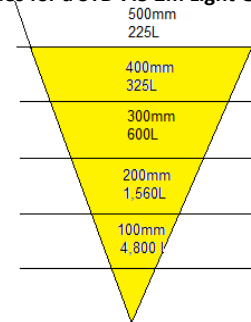
Innovative Use of New High Light Transmission Fibre Optic Technology.

TECHNICAL SPECIFICATION (LIGHT SOURCE)

OPERATING VOLTAGE	220/240V 50HZS SINGLE PHASE
COOLING	FAN ASSISTED
THERMAL PROTECTION	85°C INTERNAL THERMAL CUT OFF
LAMP LIFE	TITAN 5000 HOURS-ULTRALIFE 10000 HOURS
COLOUR TEMPERATURE	3000°K
LUMINOUS INTENSITY	TITAN UP TO 11000 (cd) ULTRALIFE 6500 (cd)

<i>DIMENSIONS</i>	
LENGTH	235mm
WIDTH	165mm
HEIGHT	112mm
WEIGHT	2.04 Kg
COMMEND BOSS APPATURE	30mm

Photometric Data: Approximate Lux Values for a STD 7.5 2m Light Guide



- THIS LIGHT SOURCE IS DESIGNED TO OPERATE FROM 220/240Va.c. 50Hz
- THIS LIGHT SOURCE IS SUPPLIED WITH PLUG AND LEAD FOR CONNECTION TO MAINS SUPPLY

INSTRUCTIONS FOR 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 THE LAMPS GET VERY HOT.*
4. DISCONNECT OLD LAMP FROM LIGHT SOURCE AND REPLACE WITH LAMP OF SAME TYPE AND RATING.
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 location and environment. For adverse / dusty areas a routine inspection is recommended and suitable scheduled maintenance should be set up.

FIBRE OPTIC LIGHT GUIDES

The standard 10.5mm diameter PVC coated fibre optic light guide can be manufactured **to suit the length required.**

Other diameters and sheathing options are available to order in PVC coated flexible steel, stainless steel and light weight long reach flex and stay.

PERFORMANCE

A typical 2 meter long light guide would give (1) approx. 4800 LUX AT A DISTANCE OF 100mm (2) approx 1560 lux at a distance of 200mm. Please see photometric data for more information.

The standard light guide is a durable and robust light guide designed for low to slightly above normal room working temperatures.

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