



# Technical Data: ToolLight™

- DESCRIPTION
  - PRECISION LIGHT SOURCE SYSTEM FOR TRANSMITTING VISIBLE LIGHT THROUGH FIBRE OPTIC CABLE
- TECHNICAL (LIGHT SOURCE)
  - OPERATING VOLTAGE 220/240V, 50Hz SINGLE PHASE
  - THERMAL PROTECTION 85° C INTERNAL THERMAL CUT-OFF
  - COOLING FAN ASSISTED
  - LAMP 50w HALOGEN FIBREOPTIC LAMP
  - LAMP LIFE AVERAGE LIFE 4000 HOURS
  - COLOUR TEMPERATURE 3000°K
  - LUMENS 360
- DIMENSIONS
  - LENGTH 235mm
  - WIDTH 165mm
  - HEIGHT 112mm
  - WEIGHT 2.04 Kg
  - COMMON END BOSS 30mm
- OPERATING INSTRUCTIONS
  - THE LIGHT SOURCE IS DESIGNED TO OPERATE FROM 220/240VAC 50Hz
  - THE LIGHT SOURCE IS SUPPLIED WITH PLUG AND LEAD FOR CONNECTION TO MAIN SUPPLY
- LAMP REPLACEMENT
  - DISCONNECT FROM MAINS SUPPLY
  - REMOVE TOP COVER
  - **BEFORE REMOVING FROM HOLDER, ENSURE THAT THE LAMP HAS COOLED OF SUFFICIENTLY, AS DURING OPERATION, THEY GET VERY HOT.**
  - DISCONNECT OLD LAMP FROM LIGHT SOURCE AND REPLACE WITH LAMP OF SAME RATING. THE INNER GLASS SECTION OF THE LAMP MUST **NOT** BE TOUCHED WITH BARE FINGERS AS THIS WILL RESULT IN SIGNIFICANT LOSS OF LAMP LIFE.
  - REPLACE TOP COVER
  - RECONNECT MAINS SUPPLY
- STAYPUT LIGHT GUIDE
  - FLEX DIAM 13mm
  - OUTPUT FERRULE DIAM 15.8mm
  - COMMON END 30mm
  - WEIGHT 500mm LIGHT GUIDE 0.160Kg
  - LIGHT OUTPUT @ 300mm 1200 Lux FOR A TYPICAL 500mm LONG TOOL LIGHT
  - LIGHT OUTPUT @ 230mm 2000 Lux. " " " "
  - LIGHT OUTPUT @ 140mm 5000 Lux" " " "
  - STAYPUT MATERIAL PVC COATED ALUMINIUM
  - OPTIC FIBRE 7.5mm OPTICAL DIAMETER, HIGH TRANSMISSION POLYMER OPTICAL FIBRE
  - TYPICAL BEAM ANGLE 65°