



TOPLITE T3 PORTABLE SEARCHLIGHT

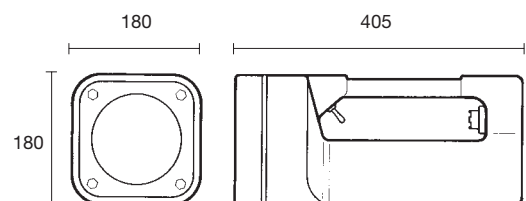
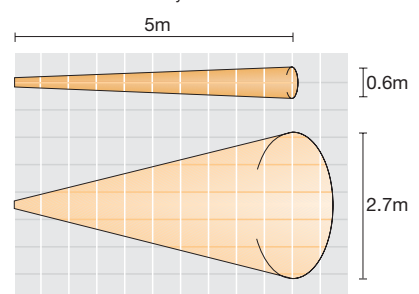


- 50 Watt Halogen Power for Hazardous Areas
- 35 Watt Floodlight Version
- Tough Anti-Static Case
- State of Charge Indicator
- Microprocessor Control Circuit
- Low power switchable for extended duration
- Low battery warning function



Toplite 9050T3
50w spot beam (approx 6.5°)
Peak luminous intensity at 5m 4000lux

Toplite 9055T3
35w flood beam (approx 30°)
Peak luminous intensity at 5m 60lux



The Toplite T3 Portable Searchlight is the most powerful, fully portable light source approved for use in zones 1 and 2 hazardous areas. It is ideal for use in inspection, maintenance and security applications or in rescue and recovery operations, in the presence of potentially explosive gases or vapours.

Advanced design and the use of quality components ensures a long life for the Toplite, even in heavy industrial use. The Toplite casing is rotationally moulded in lightweight but durable anti-static polyethylene polymer, and is able to withstand drop and impact even at sub zero temperatures. Ergonomic design ensures easy operation with gloved hands; the 3 position toggle switch allows single handed full power/off/low power selection.

An Ingress Protection level of IP67 ensures reliable use in excessively wet conditions, with the added benefit that if the Toplite is dropped in water, it will float beam upwards for easy location.

The light source is an all glass sealed beam unit, protected by a toughened glass lens. The TL-9050T3 spotlight has a 50 watt halogen lamp, providing a 160,000 candle power spot beam of intense white light, ideal for long distance illumination. The TL-9055T3 floodlight has a 35 watt trapezoidal flood beam, providing a wide angle of illumination over a localised area, perfect for maintenance operations in hazardous areas.

High power on the Toplite TL-9050T3 lasts for approximately 70 minutes, low power for up to 130 minutes. On the TL-9055T3, high power lasts approximately 100 minutes, while low power lasts for up to 190 minutes. The recharge time for a fully discharged battery is 16 hours. Charging at 230V AC is

carried out using the compatible Toplite T3 plug top charger, UK or European style. An alternative 230V AC 'lead in, lead out' style charger is available for use elsewhere in the World.

The Toplite has an electronic microprocessor control circuit which manages the operation and charging of the lamp. Features provided by this circuit include a multi-coloured state of charge indicator which displays battery capacity in both charge and discharge modes, a low voltage cut-off device which automatically switches off the lamp at the end of discharge, and a 'walk-out mode'

which warns the user when low voltage cut-off approaches by automatically switching the beam to low power output and pulsing off once every 15 seconds. The Toplite is also equipped with a power failure illumination facility which is selectable by the user.

Maintenance of the Toplite can be easily carried out by any competent technician as all internal parts have clearly identified and recognised connections, making the replacement of all components straight forward and simple. All Toplites are supplied with comprehensive user and maintenance instructions.

Toplite T3 Portable Searchlight			
Technical Specification			
Product reference	TL-9050T3		TL-9055T3
Product description	50W high-power spotlight, rechargeable inspection lamp		35W high-power floodlight, rechargeable worklight
Code	EEx e m ib IIC T3		
Apparatus standard	EN50 014, EN50 019, EN50 028, EN50 020		
Type of protection	"e" increased safety, "m" encapsulation, "ib" intrinsic safety		
Area of classification	Zones 1 and 2, gas groups IIA, IIB and IIC		
Temp. classification	T3		
Ambient temperature	-20°C to +40°C		
Certification	BASEEFA Certificate No. Ex 92C3405		
Enclosure	Polyethylene, anti-static		
Lens	Toughened glass		
Light source:	Pt. no.	TL-9062T3	TL-9063T3
	Type	Sealed beam unit with halogen filled filament bulb	Sealed beam unit with filament bulb
	Volts	12.8V	12.8V
	Watts	50W	35W
	Intensity	160,000cd	1,600cd
	Beam	6.5° x 4°	Trapezoidal flood
	Life	100 hrs (at 12.8V)	300 hrs (at 12.8V)
Power source:	Pt. no.	TL-9492	
	Type	Rechargeable battery, nickel cadmium	
	Volts	12V	
	Capacity	4.3Ah	
	Life	up to 1000 recharge cycles	
Light duration	70 mins (130 mins low power)	100 mins (190 mins low power)	
Ingress protection	IP 67		
Weight	4.0 kg		

Note: All information has been gathered under laboratory conditions, the user must regard the values given as approximate. The Company reserves the right to alter product specifications without prior notice.

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