

Toplite T3 Searchlight

Zones: 1 and 2



Product Overview

The Toplite T3 Searchlight is a powerful, fully portable light source approved for use in Zones 1 and 2 hazardous areas and is ideal for use in inspection, maintenance, security and rescue/recovery applications, in potentially explosive gas atmospheres.

Advanced design and quality components ensure a long life for the Toplite, even in heavy industrial use. The Toplite casing is lightweight and durable, made from anti-static polyethylene polymer to withstand drop and impact even at sub zero temperatures. Ergonomic design ensures easy operation with gloved hands; and allows single handed full power/off/low power selection. Ingress protection of IP67 for use in excessively wet conditions, and if dropped in water it will float, beam upwards, for easy location. The light source is a 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, low power lasts for up to 190 minutes.

The recharge time for a fully discharged battery is 16 hours. An electronic microprocessor control circuit manages the operation and charging of the lamp, with multi-coloured state of charge indicator which displays battery capacity (charge and discharge modes), a low voltage cut-off device which automatically switches off the lamp at end of discharge, and a 'walk-out mode' which warns when low voltage cut-off approaches by automatically switching the beam to low power output and pulsing off once every 15 seconds. It is also equipped with a power failure illumination facility which is selectable by the user.

Features & Benefits

- 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

Certifications

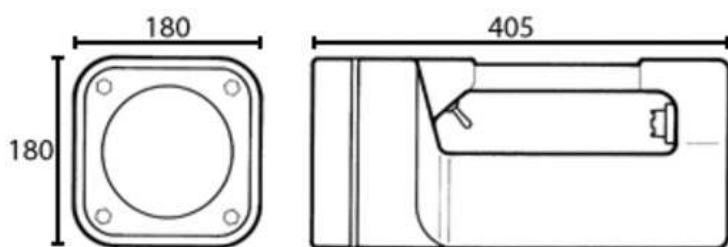
EX (NON ATEX)

Technical Specification

Product Reference		TL-9050T3	TL-9055T3
Prodcct Description		50W High Power Spotlight, Rechargeable Inspection Lamp	35W High Power Floodlight, Rechargeable Worklight
Code		EEx e m ib IIC T3	
Type of Protection		"e" increased safety, "m" encapsulation "ib" intrinsic safety	
Area of Classification (Gases)		Zones 1 and 2, Gas Groups IIA, IIB, IIC	
Temp. Classification (Gases)		T3	
Ambient Temperature		-20° C to +40° C	
Certificate		BASEEFA Ex 92C3405	
Enclosure		Polyethylene, Anti-Static	
Lens		Toughened Glass	
Light Source	Part Number	TL-9062T3	TL-9063T3
	Type	Sealed Beam Unit with Halogen Filled Filament Bulb	Sealed Beam Unit with Filament Bulb
	Volts	12.8V	
	Watts	50W	35W
	Intensity	160,000cd	1,600cd
	Beam	6.5° x 4°	Trapezoidal Flood
	Life	100hrs (at 12.8V)	300hrs (at 12.8V)
Power Source	Part Number	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		IP67	
Weight		4.0Kg (inc. battery)	

- All information has been gathered under laboratory conditions, the user must regard the values given as approximate.
- Changes may be made to the above specification without notification, details are available on request.

Product Dimensions



Light Output

TL-9050T3

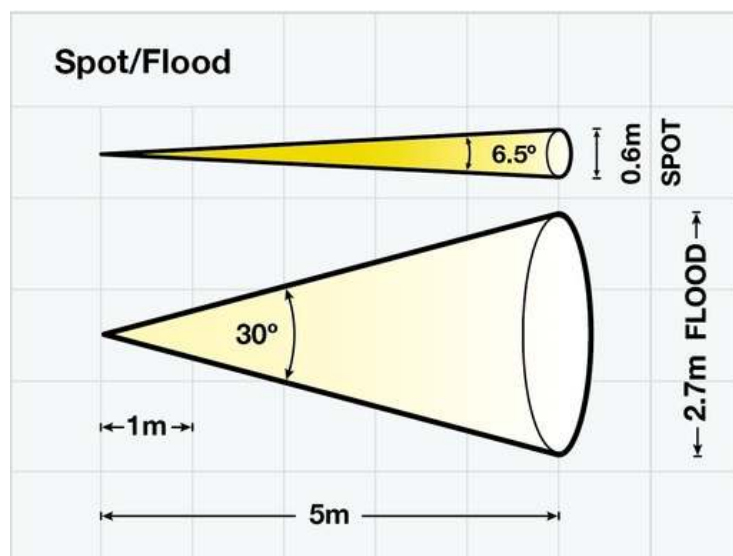
50W Spot Beam (approx. 6.5°)

Peak luminous intensity at 5m **2750lux**

TL-9055T3

35W Flood Beam (approx. 30°)

Peak luminous intensity at 5m **35lux**



Version: SL029 DF440 Issue 4

Wolf



THORNE &
DERRICK
INTERNATIONAL

Thorne & Derrick
+44 (0) 191 410 4292
www.heatingandprocess.com