

# 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

<b>Product Reference</b>		<b>TL-9050T3</b>	<b>TL-9055T3</b>
<b>Product Description</b>		50W High Power Spotlight, Rechargeable Inspection Lamp	35W High Power Floodlight, Rechargeable Worklight
<b>Code</b>		EEx e m ib IIC T3	
<b>Type of Protection</b>		"e" increased safety, "m" encapsulation "ib" intrinsic safety	
<b>Area of Classification (Gases)</b>		Zones 1 and 2, Gas Groups IIA, IIB, IIC	
<b>Temp. Classification (Gases)</b>		T3	
<b>Ambient Temperature</b>		-20°C to +40°C	
<b>Certificate</b>		BASEEFA Ex 92C3405	
<b>Enclosure</b>		Polyethylene, Anti-Static	
<b>Lens</b>		Toughened Glass	
<b>Light Source</b>	<b>Part Number</b>	<b>TL-9062T3</b>	<b>TL-9063T3</b>
	<b>Type</b>	Sealed Beam Unit with Halogen Filled Filament Bulb	Sealed Beam Unit with Filament Bulb
	<b>Volts</b>	12.8V	
	<b>Watts</b>	50W	35W
	<b>Intensity</b>	160,000cd	1,600cd
	<b>Beam</b>	6.5° x 4°	Trapezoidal Flood
	<b>Life</b>	100hrs (at 12.8V)	300hrs (at 12.8V)
<b>Power Source</b>	<b>Part Number</b>	<b>TL-9492</b>	
	<b>Type</b>	Rechargeable Battery, Nickel Cadmium	
	<b>Volts</b>	12V	
	<b>Capacity</b>	4.3Ah	
	<b>Life</b>	Up to 1000 Recharge Cycles	
<b>Light Duration</b>		70 mins (130 mins low power)	100 mins (190 mins low power)
<b>Ingress Protection</b>		IP67	
<b>Weight</b>		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



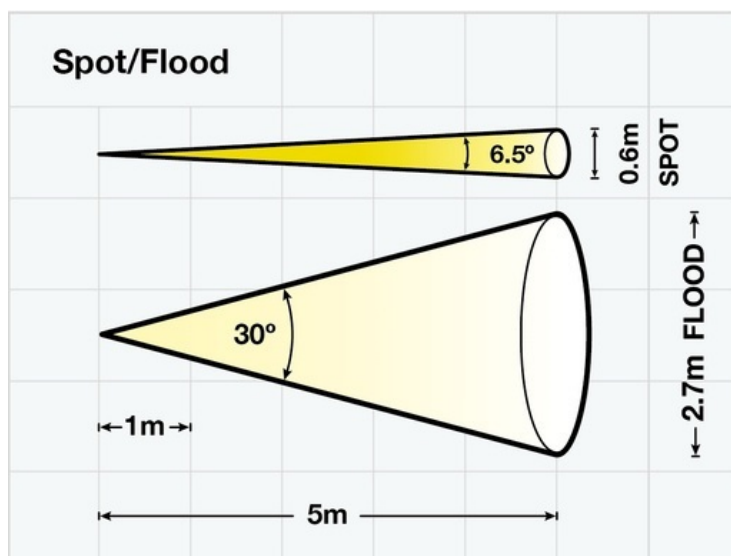
## Light Output

### 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**



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