



C.M. TECHNOLOGY

Designed and Manufactured in Australia

www.cmtechnology.com.au

FULL DATA SHEET

Tel: + 61 2 9764 6550

TECHNO-LIGHT



HIGH TECHNOLOGY SPOT-LIGHT

- ◆ 12 V or 24 V DC. Battery Charging automatically selected.
- ◆ Internal 7 AH gel cell.
- ◆ Charging Indicators show battery state.
- ◆ Touch Switches can be operated with a gloved hand.
- ◆ Micro Processor Controlled.
- ◆ Audio Visual Alarm to mark location or to call for assistance.
- ◆ Spray resistant
- ◆ Carry case with hand rings or shoulder strap included.
- ◆ LED reading lamp built in.
- ◆ Range of suitable high power QI and xenon lamps available.



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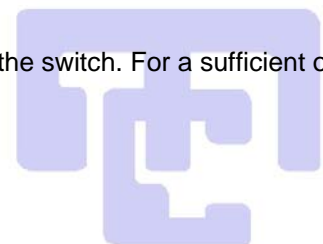
The C.M. Technology techno-light is a self contained stainless steel and extruded aluminum battery pack with a sealed 7 amp hour 12 volt gel-cell, an inbuilt battery charger, a micro-processor based lamp controller and a white led auxiliary map reading lamp. A range of suitable high powered spot-lights and xenon flood lamps are available that connect to the pack via the fused MILC locking connector.

The constant voltage – constant current battery charger charges at a rate of 1.6 amps from any DC source in the range 11.5 Volts to 32 Volts. An optional 240 volt AC charger can also be used. Either source gives a recharge time of around 5 hours from flat. The charge rate drops to a trickle once the battery is fully charged, allowing the battery pack to be left continuously connected without any damage occurring to the gel-cell. The state of charge of the pack is shown when powered up by two daylight visible green LEDs.

The battery pack sounds a warning chirp sound every 40 seconds and flashes the led lights to allow easy location at night. The chirp is also used to show key presses when the control touch switches are operated.

These touch switches are designed to be operated with a gloved hand. The front panel is very durable rear screen printed lexan, with super bright enunciator LEDs shining through it. The controls are:

- ◆ Led operates the white led reading lamp used when planning operations.
- ◆ If held for more than 5 seconds, the led switch also operates as a duress alarm flashing the red LEDs, and the white led lamp and sounding an audible alarm.
- ◆ The off switch cancels any lamp function if held for more than 1 second. Pressed for 5 seconds it cancels the warning chirp.
- ◆ The lamp switch gives three levels of illumination with halogen lamps from low to full. These levels are selected by pressing and holding the switch. For a sufficient order the microprocessor software can be changed to suit your application.





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A carry case and the DC charging cable are supplied. The case is yellow with black webbing and clear panels over the control switches and LEDs. It has a clip on shoulder strap.

A fibre glass safety case can be supplied for hazardous locations.



Options:

AC Mains operated DC supply for charging.
A plug pack fitted with the MILC locking connector.



Lightforce™ spot lamp

Around 90 minutes of operation with standard 7 A.H. battery. Up to 6 hours with the optional 24 A.H. battery (~9 kg. in weight in a larger case).



Hella Xenon Work Lamp



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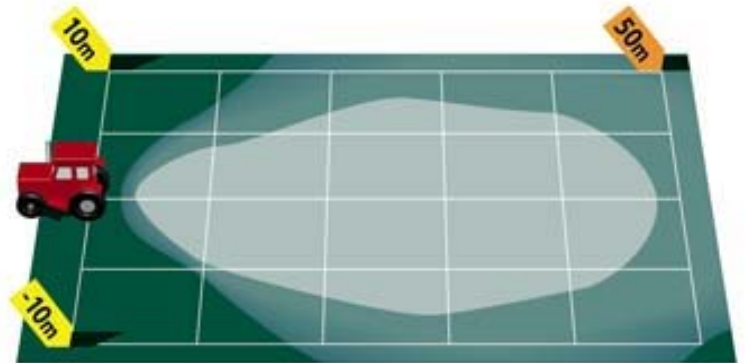
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Hella™ Xenon flood lamp

Around 90 minutes of operation with standard 7 A.H. battery. Up to 6 hours with the optional 24 A.H. battery (~9 kg. in weight in a larger case).

CMT Tripod. Adjusts from 1 to 2 m. Maximum load 30 Kg. Suits both the above lamps.



Ultra Beam Xenon Work Lamp Beam distance.



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