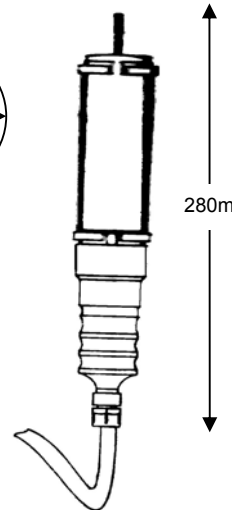
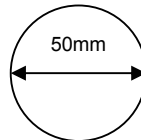


Technical Datasheet

Scottlamp LED Utility Light (SLUL), Handheld Low voltage Inspection lamp.

Dimensions

Overall: 280mm x 50mm diameter
Lens: 120mm x 45mm diameter
Handle: 130mm x 50mm diameter



Finish

Handle: easy grip spark finish
Lens: optically polished finish

Power

12V DC option (IPX7 waterproof)
24V DC option (IPX7 waterproof)
48V DC option (non – waterproof)

Material

Lens: Clear Acrylic
Shade: Translucent red Acrylic
Base: Black/yellow nylon

Bulb

6 Bright white wide angled, multi chipped LEDs (Light emitting diodes)

Power Consumption

Approximate 0.2 Amp per hour.
150 hours of continuous use powered from an average tow car battery.

Standards

IPX7 (immersion for 30 minutes at a depth of 1 metre)
CE , EMC complies with EN55015:1993, EN50082-1:1992

Applications

Interior and Exterior use, unless other wise stated.
Marine, automotive, inspection, emergency vehicles, commercial trailers, custom truck bodies, vehicle recovery, caravans, camps, tents

Options

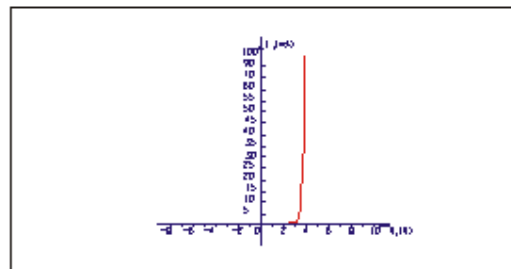
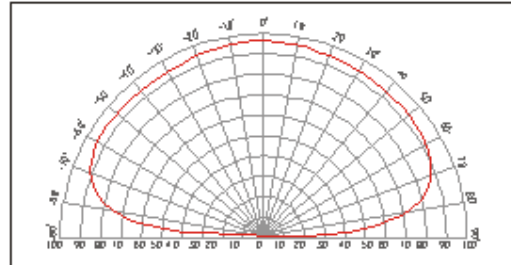
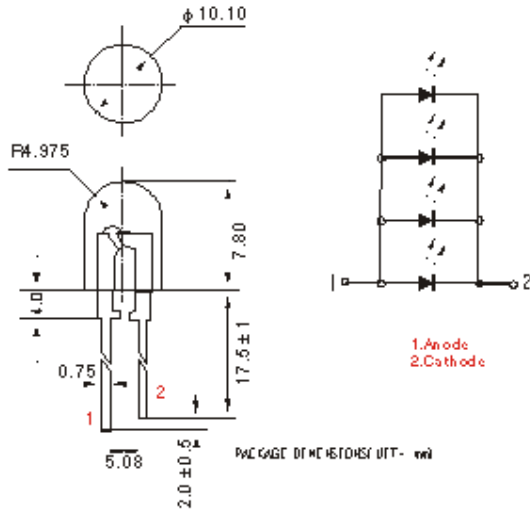
Colours: Yellow for marine/leisure applications.
Black for industrial/commercial applications
OEM option and custom printed.

P/N

P/N	Description
SLUL12V	12V Waterproof LED inspection lamp, 7metre lead with cigarette plug
SLUL24V	24V Waterproof LED inspection lamp, 7metre lead with cigarette plug
SLUL12V	12V Waterproof LED inspection lamp, 7metre lead with no power connector
SLUL24V	24V Waterproof LED inspection lamp, 7metre lead with no power connector
SLUL48v	48V LED inspection lamp, 7metre lead with no power connector. (Customer options)

Custom lead lengths and connector options are available on all models. Please ask when requesting pricing.

Φ10mm Power LED, Viewing Angle 180



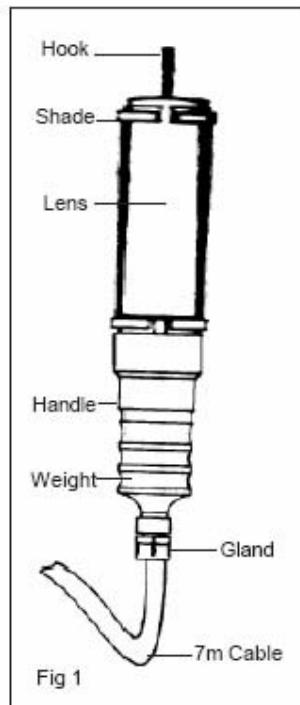
Electro-Optical Characteristics (Ta=25°C)

Items	Epoxy Package	Lead frame	Emitting Color	Wavelength	Electro-Optical Characteristics		
				λp	V _F	I _F	I _{v(mcd)}
				(nm)	(V)	(mA)	(180°)
10W4DHCB-H	W/o flange	Copper	White	-	3.2-3.6	100	12000

Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Testing Conditions				Unit
			Min	Typ	Max	
Power Dissipation	P _D	-	-	-	100	mW
Reverse Current	V _R	I _R ≤ 30μA	-	-	6.0	v
Working Temperature	T _{OPR}	-	-	-	+70	°C

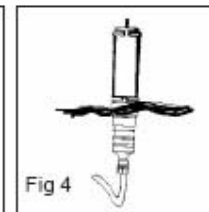
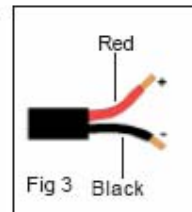
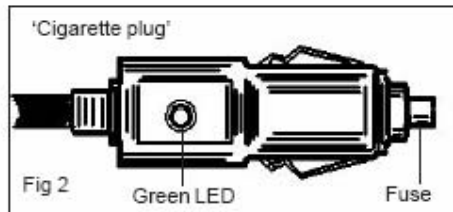
Operating Instructions



12/24 Volt Scottlamp LED Utility Light (SLUL)

Operating Instructions

1. Plug 'Cigarette plug' into a suitable 12 Volt DC power source.
 2. If correct, Green LED will be on. Fig 2
 3. SLUL LED light will automatically go on.
 4. If Green LED is not on, check connection at power source.
 5. If all correct check fuse in 'cigarette plug'
- IF all of the above fail, please contact Service Department, (address below)**
6. Lamp is polarity checked and will not operate if wired incorrectly.
 7. See Fig 3 for wiring instructions.
 8. Use shade to direct light. Fig 1
 9. In marine version use shade as a red lens for night operation if required.
 10. The SLUL is waterproof and designed to float. Fig 4
 11. Avoid looking directly at the LEDs when operating.
 12. The LEDs are sealed in the lens.
 13. Breaking the lens seal will void manufacturer warranty.



Service Department

Unit 3, Bordon Trading Estate, Old Station Way, Bordon,
Hampshire, GU35 9HH, United Kingdom.
Tel: +44(0)1420 471598 Fax: +44(0)1420 471590
www.scottlamp.co.uk