



Customer Specification

TRELLCHEM® Hands-free Visor Light System

PRODUCT NOMENCLATURE

Manufacturing Name: Trelchem® Hands-free Visor Light System
 Marketing Style(s): See Below ("Styles Within Series")

PRODUCT DESCRIPTION

Product Classification:	Accessory, Visor light	Design:	Lightweight and low profile LED light panel providing panorama work light without compromising comfort.
Light source:	LED (light emitting diode)	Construction:	LED-lights attached on a plastic panel and connected with a cable to a battery. Mounts in the top edge of the visor, inside the suit.
Power source:	1 x 9 V battery (not included)	Method of mounting:	Self-adhesive backing on LED-panel, cable loops and battery holder.
Available models:	CV and VP1	Color:	Black
Certification:	CE marked according to the EMC Directive 2004/108/EC i.e. it does not interfere with any radio communication devices. Does not influence or interfere with any certification in regards of the Trelchem suit.		

OUTSTANDING CHARACTERISTICS & APPLICATIONS

- ▶ Hands-free operation – allows full focus on the mission
 - ▶ Panoramic lighting
 - ▶ No risk of blinding reflections
 - ▶ Lightweight
 - ▶ Slim / low profile design – minimal interference with movement and other equipment
 - ▶ Powered by standard batteries – no recharging management
 - ▶ Water resistant / Water tight – suit can be washed without removing the LED-panel
 - ▶ Robust aluminium battery casing
 - ▶ The system is easy to mount in existing Trelchem® suits, without special tools
- APPLICATIONS: Work in dark, smoke or steam filled environments within Petrochemicals and refining, Chemical processing and handling, Mining, Pulp and paper production, Power plants, HazMat work, Food processing, Dust exposures, Metal plating.

STYLES WITHIN SERIES

487030100	Trelchem® Hands-free Visor Light System type VP1
487030101	Trelchem® Hands-free Visor Light System type CV
487030110	Extension kit for alternative positioning of Battery Pack

FUNCTIONAL PARAMETERS

Property	Test Method	Value	Property	Value
Number of LEDs:		120 LEDs / meter	Length of panel	CV: 530 mm VP1: 480 mm
Colour temperature:		6000 K (Cold white)	Weight of panel	40 grams
Luminous flux:	SP-method No 2321	47 ± 4 lumen (lm)	Dimension of battery casing:	75 x 45 x 25 mm
Illumination:	SP-method No 2321	Approx. 10 lux (lx) at a distance of 1 meter horizontally / vertically.	Weight of battery casing:	80 grams Incl. battery approx. 120 grams
Temperature range:		Max +60 °C Min -20 °C	Battery life (approx. at 20 °C):	Standard alkaline: 1 hour Duracell Ultra Power: 2 hours Varta Lithium: 6 hours

GUARANTEE

These products are manufactured to rigid specifications under strict conditions of process and quality control set forth by Ansell and are guaranteed against defect in workmanship or material and will be replaced, repaired or credited if returned for examination within one (1) year after delivery. This guarantee does not apply to deterioration caused by excessive wear, age, accident, or prolonged exposure to strong solvents.

GENERAL INFORMATION

SHELF LIFE: Ten (10) years in cool, dark/covered conditions. Extended exposure to direct sunlight, excessive heat or cold may reduce shelf life.

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