A sturdy light unit for use in extreme conditions such as door steps, gangway areas and other demanding applications.

TEKNOWARE®

Robust.
Reliable.
Resistant.

Extreme ability to illuminate.

The Teknoware Extreme has a robust and durable design which makes it an excellent light for extreme conditions. No matter whether it's hot or cold, moist or dry you can always rely on the Teknoware Extreme.

Extreme is made of aluminium; it is waterproof and designed to withstand shock. It has six super bright CSP LEDs to make sure that there is enough light to work safely and effectively.

Aluminium casing
Robust and durable design.

Output
Cable can be routed out from the end, side or back.

6 x LEDs
White 4000 K CSP LEDs.

Waterproof
Rated IP67.

Connector
AMP Superseal or Deutsch DT.

Shockproof
Designed to withstand impact.

Optical silicone lenses
Resilient with extremely good light transmission.

Protective sleeve
Cable length 350 mm.

FACTS IN BRIEF

IP 67

WATERPROOF DUSTPROOF

FOR EXTREME CONDITIONS

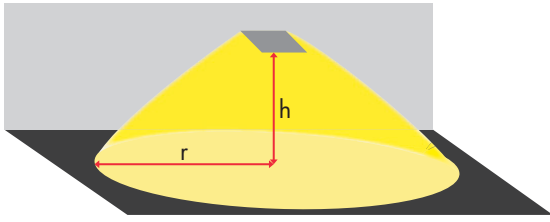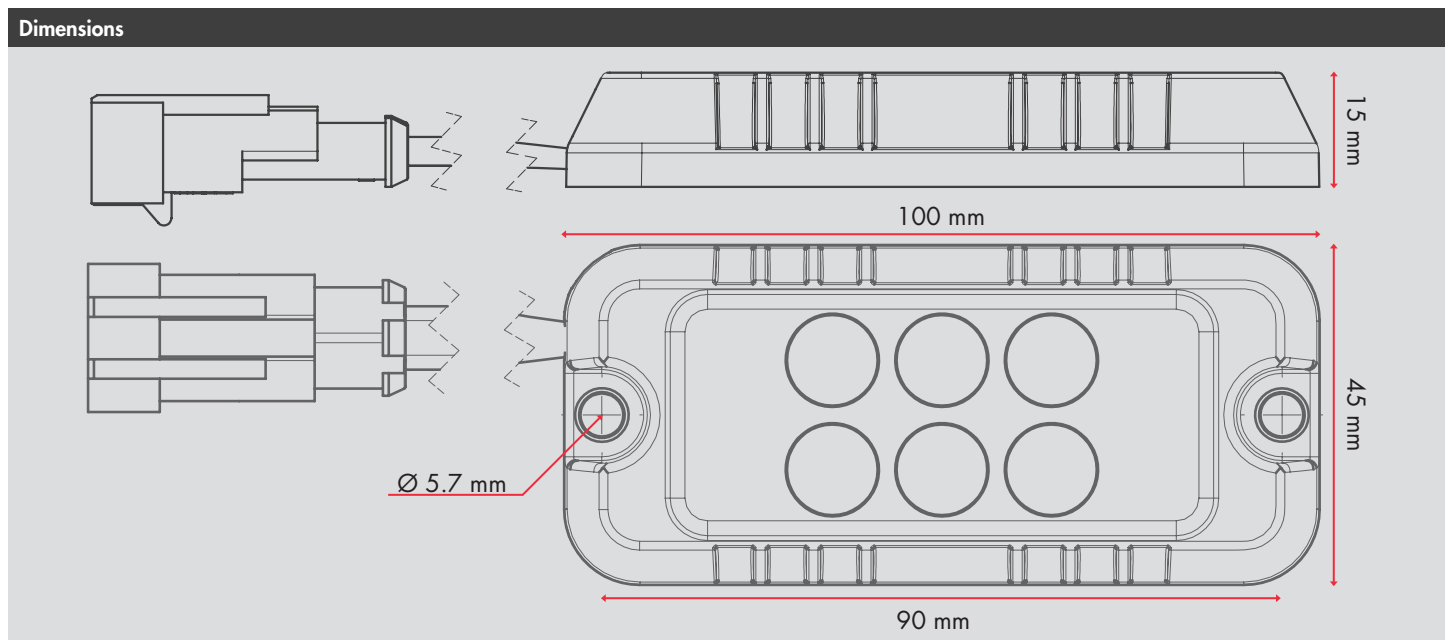**SHOCKPROOF**

COLOUR RAL 9005

Specifications

Light source	6 x white 4000 K CSP LEDs (chromaticity range 3-step MacAdam)
Light output	h = 1.0 m / r = 0.5 m Peak: > 700 lx, >100 lx @ 0.5 m radius

Environmental conditions

Ambient temperature range	–40 °C...+70 °C; lighting up –40 °C...+100 °C; no damage
Degrees of protection	IP67 according to IEC 60529
Fire resistance	EN 45545 HL3
Salt mist	EN 60068-2-11, duration 240 hours

EMC

Immunity	EN 50155:2017
Emissions	EN 50121-3-2:2016

Special features

- Product is protected against reverse input voltage polarity.
- The dielectric strength between the electronics and the chassis is 500 VAC / 1 000 VAC.

Mechanical characteristics

Product ID	TVP17007	TVP17006
Weight	0.1 kg	
Connectors	AMP Superseal	Deutsch DT04-4P-CE03

Electrical characteristics

Input voltage: nominal	24 VDC	72 VDC / 110 VDC
Input current: max.	180 mA	60 mA / 40 mA
Input voltage: min.–max.	16.8–32 VDC	50–150 VDC
Power: max.	5 W	
Luminous flux	> 420 lm	
Colour rendering index	Ra > 80	
Lumen maintenance	> 60 000 h L70	

Materials

PCB	Aluminium
Casing	Cast aluminium, powder coated (RAL 9005)
Lens	Silicone

Dimensions

LET THERE BE CONFIDENCE.

People tend to take the presence of light for granted. We take it seriously. By creating the perfect solutions for our customers' needs, we offer solutions that increase the comfort, functionality and safety of their applications. Our passion is to design and manufacture interior and lighting solutions for public transportation vehicles and emergency lighting systems for buildings and cruise ships.

Our roots are in Finland, where our head office and largest production facilities are located. We also have production units in the UK, Malaysia, Poland and the USA, and we employ about 600 experts in eight different countries. Our global sales network serves our customers in more than 30 countries.

Teknoware is part of the Teknopower Group.

Teknoware – Designed in Finland.

Teknoware | P.O. Box 19, FI-15101 Lahti | Ilmarisentie 8, FI-15200 Lahti
Tel: +358 3 883 020 | Fax: +358 3 883 0240 | sales@teknoware.com | teknoware.com

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