

XPLIGHT[®]  **TENTACLE 640**
BY CARPETLIGHT

**OPERATING INSTRUCTIONS
USER MANUAL**

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PRODUCT DESCRIPTION

The XPLight product series has been specially developed for indoor and outdoor use in the military, medical and police services, special units and civil defence.

The Tentacle System is a mobile and quickly deployable lighting system for tents and other mobile work and shelter areas.

GENERAL INFORMATION

In your own interests, observe the safety instructions and warnings.

Keep these operating instructions in a safe place.

For the sake of the environment, please dispose of the packaging material at an appropriate disposal point.

Defective lights or defective accessories must be disposed of properly at the appropriate places (Section 16 ElektroG).

Only use **XPLight®** original spare parts and accessories.

SAFETY INSTRUCTIONS

Caution! Mains voltage! Danger to life!

ATTENTION: The light heads are able to reach high temperatures!

During operation, the lights must not be rolled up, covered, operated under pressure or voltage. The front and rear sides must be able to dissipate the operating heat generated over the entire surface by way of convection. The fixing options provided maintain the necessary distance from the surface for full convection. This convection cannot be guaranteed by operating the light flat on the floor with the light being emitted upwards and could lead to overheating.

Do not insert nails, pins or similar objects into the lights, but use the existing rings.

The lights must not be operated if they are visibly damaged.

If the defective part can be identified, it must be replaced. Alternatively, please contact CARPETLIGHT GmbH or an authorised service partner.

For mains-powered XPLight models, the power supply and its protective devices must be checked for faults before the light is used.

Please note that glare from light heads can lead to an immediate reduction in vision and thus cause accidents (e.g. when going down stairs or in road traffic).

Observe the degree of protection of the respective XPLight system in combination with the ambient factors (dust, moisture, rain).

The product is not equipped for use in corrosive environments, e.g. salt water, without additional protective covers.

EYE PROTECTION: The light does not emit any blue light. However, do not look directly into the light at its highest brightness level to avoid afterimages.

TECHNICAL SPECIFICATIONS

Overall pack size with 3 lights	36 × 22 × 17 cm
Total weight with 3 lights	approx. 4 kg
Dimensions and weight of light head	70 × 16 × 0.5 cm, 195 g
Power supply, mains operation	100–240 V AC, 50/60 Hz
Output	max. 3 × 22 W
Input voltage Battery operation	20–30 V DC
Ininitely dimmable	

White light:

Light intensity per light	min. 750 lx / 1 m
Luminous flux per light	min. 2,200 lm
Colour rendering	CRI 90

Red light:

Wavelength	620 nm
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Protection class	IP 65 when plugged in
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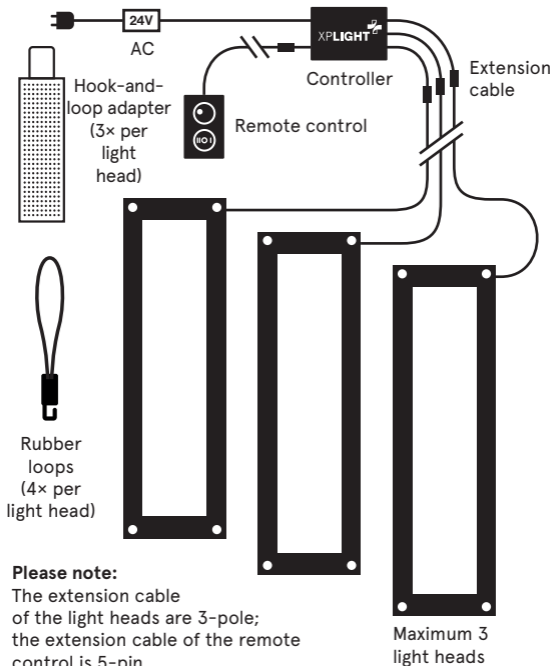


Patented

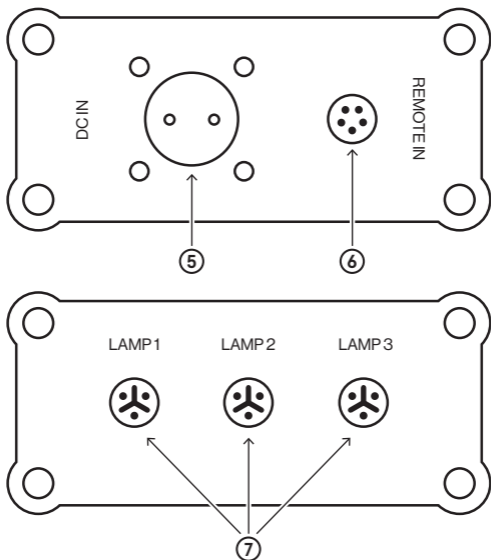
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Made in Germany by Carpetlight GmbH

COMPONENTS AND STRUCTURE

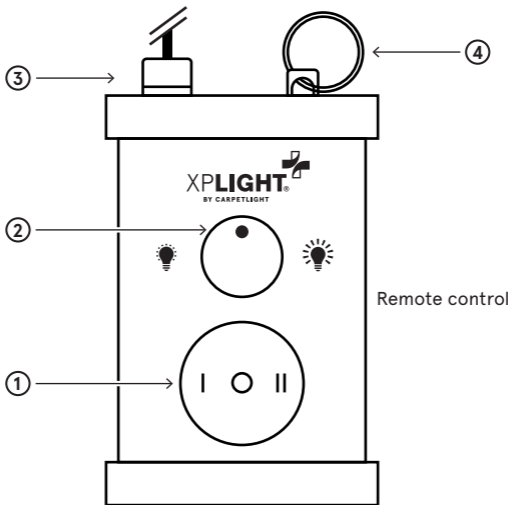


CONTROLLER CONNECTIONS



- ⑤ Input power supply 24 V
- ⑥ Remote control connection, 5-pin
- ⑦ Connections for light cable, 3-pin

SETTING THE LIGHT



- ① Switch: I = WHITE, O = OFF, II = RED
- ② Rotary control for brightness control
- ③ Remote control for connector plug
- ④ Ring for attaching the remote control

The light can be switched on and off with the toggle switch ①.

Position I of the toggle switch activates white light mode.

Position II of the toggle switch activates the red light mode.

Position 0 switches the light off.

To continuously adjust the brightness, use the rotary control for both light channels ②.

ACCESSORIES

USING THE ADAPTER TO FIX THE LIGHT IN POSITION

The light heads of the XP TENTACLE can be attached to different surfaces.

Each light head is equipped with three Velcro loop surfaces on the back, which enable attachment to Velcro hook surfaces. The Velcro hook adapters supplied can be used for attachment to Velcro loop surfaces.

The light heads also have eyelets in the corners to which the supplied rubber loops or other fastening methods can be attached.

Please ensure that the light heads have a secure grip at all times thanks to the various fastening options.

CARE INSTRUCTIONS

The textile part of the light and the storage bag are largely equipped with infrared armour for camouflage (IRR). To protect this, it is advisable to avoid using detergents and cleaning agents and to clean the material with a microfibre cloth and cold or lukewarm water at most. Slight soiling of the lights can also be removed with a damp microfibre cloth.

Keep the contact elements of the electrical plug connections clean.

We recommend regular visual inspections.

WARRANTY EXCLUSION

CARPETLIGHT GmbH is not liable for any damage caused by improper use of its products. The General Terms and Conditions of CARPETLIGHT GmbH apply.

The warranty is void if the housing or the light head is opened.