

TECLINE

DIVING TORCH TECLINE US-16

INSTRUCTION MANUAL

Thank you for choosing the Tecline US-16 diving torch.

If you have additional questions about the torch described in this manual please contact us by email: scubatech@scubatech.pl.

PURPOSE

The Tecline US-16 diving torch is designed for underwater use, both as a primary and backup light.

Thanks to a special heat sink that allows operation above water, the Tecline US-16 also serves as a durable torch for home and car use.



USE / CHARGING THE BATTERY

Battery Installation

- Unscrew the torch head by turning it counter clockwise.
- Remove the used batteries and replace them with new ones, following the polarity label showing + / -.
- Screw the head back on clockwise until the torch turns on. Then unscrew the head by a ¼ turn until the light turns off.

Turning On/Off

To turn on the torch, screw the head clockwise until the light comes on. Do not overtighten the head to avoid damaging the O-rings between the head and the body.

WARNING: Do not use any tools to tighten the head!

To turn off the torch, gently unscrew the head counterclockwise until the light turns off.

WARNING: Do not unscrew the head too much, as this may cause water to enter the torch.

SAFETY INFORMATION / RECOMMENDATIONS FOR THE BATTERY

- !) Never point the light beam directly at the eyes. The torch beam can cause permanent eye damage.
 - !) Avoid using the torch on the surface. Overheating may damage the LED.
 - !) Never open the battery compartment or fully unscrew the head underwater — this may flood the battery chamber and damage the torch and batteries. Such damage is not covered by the warranty.
 - !) If the torch does not turn on or the light is weak, replace the batteries. Always use new batteries.
- Do not mix old and new batteries.

WARNING!

THIS TORCH IS DESIGNED TO OPERATE ONLY WITH 1.5V R14 BATTERIES OR 1.2V RECHARGEABLE BATTERIES.

USING ANY OTHER POWER SOURCE MAY DAMAGE THE TORCH AND SUCH DAMAGE IS NOT COVERED BY THE WARRANTY.

MAINTENANCE AND STORAGE

- The torch should be thoroughly rinsed with clean fresh water after each use.
- All O-rings should be replaced every 12 months.
- If the O-rings are too loose, they must be replaced.
- O-rings should be lightly lubricated with silicone grease designed for O-rings.
- The torch should be stored in a dry place at room temperature.



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TECHNICAL DATA

- Light source: LED "Cree" XML-T6, white light
- LED lifespan: approx. 100,000 hours
- Power: 10W, 1500 lumens
- Beam angle: 10 degrees
- Color temperature: 6000K–7000K
- Power supply: 3 × R14 batteries
- Material: anodized aluminum
- Head: ultra-clear tempered glass lens
- Aluminum reflector maintaining a precise 10° beam angle
- Waterproof rating: 200 m (IP68)
- Runtime: approx. 4.4 hours
- Dimensions: length 220 mm, head diameter 50 mm, body diameter 33 mm
- Weight: 185 g without batteries

Note: All specifications were measured in laboratory conditions in accordance with ANSI/NEMA FL1 flashlight testing standards. The values are approximate and may vary between different flashlights, batteries, or environments.

WARRANTY

The product is guaranteed for two years from the date of purchase and is only valid with proof of purchase from the Scubatech/Tecline shop. The guarantee does not cover:

- loss or damage caused by improper use of the torch (including use in chlorinated water without first protecting the torch),
- visual damage caused by intensive use of the torch (scratches on the outer shell),
- damage caused by excessive heat or chemical damage,
- overheating caused by using the torch on a surface for too long,
- damage caused by improper maintenance, storage or unauthorised repairs.

UTILISATION

- Do not throw used or unwanted electrical and electronic equipment into the rubbish bin. When you buy new electrical or electronic equipment in a shop, you can leave your used e-waste at the dealer, making sure, however, that it is of the same type and quantity as the purchased equipment.
- Segregate e-waste by putting it in designated containers.
- By disposing of your device correctly, you are making a contribution to the protection of the environment and human health. Incorrect disposal poses a threat to the environment and human health.
- You can obtain more information about recycling from your local council, city cleaning company.

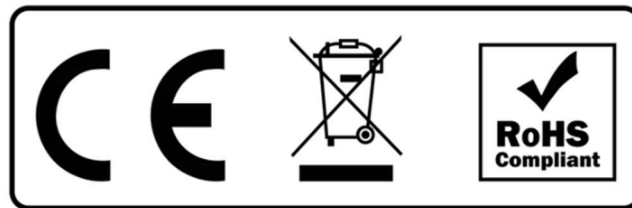
CONFORMITY WITH EU DIRECTIVES

- EMC directive 2014/30/EU
- RoHS directive 2011/65/EU
- EU declaration of conformity - available upon request or at the importer's website.

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PURPOSE OF THE USED SYMBOLS / INDICATORS

- The CE mark confirms compliance with European Union requirements
- The RoHS mark confirms the absence of hazardous substances
- The symbol of the crossed-out rubbish bin indicates that electronic equipment should not be disposed of with the mixed waste.



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