DIVING TORCH TECLINE TecStar DUO
INSTRUCTION MANUAL

Thank you for choosing the Tecline TecStar DUO 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 TecStar DUO is a primary underwater torch that can be powered in two ways: with a larger battery connected to the head by a cable, or with a smaller battery screwed directly into the head. In the second setup, TecStar DUO can work as a backup torch with the full performance of a primary light. In both setups, a multi-purpose Goodman handle can be attached. The handle is adjustable in several directions to fit different hand sizes.

USE / CHARGING THE BATTERY



- Unscrew the upper part of the canister from the lower part by turning it counterclockwise. In the compact setup – unscrew the canister from the head.
- Connect the charger cable to the charging port on the canister, then connect the charger to the power supply.
- After charging, the LED on the charger will turn green (it will be red during charging).
- Disconnect the charger from the power supply and from the socket in the canister.
- Check the condition of the double sealing O-rings. If necessary, clean it, gently lubricate it with silicone grease or replace it if damaged.
- Screw the top part of the canister, or the torch head, back on fully, turning it clockwise.

Turning On/Off
To turn on the torch, press and hold the button on the head for 2 seconds. Each subsequent press will switch to the next operating mode from the 100%, 50% and 20% . Press and hold the button on the head for 2 seconds will turn off 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. You can turn on the flashlight only for a few seconds to test it.

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!) Never open the battery compartment 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, charge the batteries.

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.
- If the torch is not used for a long time, the battery should be charged at least every two months.

TECHNICAL DATA

- Light source: 1× LED SFT40
- LED lifespan: approx. 50,000 hours
- Power: 2000 lumens spot
- Beam angle: 7° narrow spot
- Color temperature: 6000K
- Power supply: 6x18650 compact 3x 18650 Li-Ion battery pack
- Material: anodized aluminum
- Head: ultra-clear tempered glass lens
- Waterproof rating: 150 m
- Burn time (depending on battery configuration):
  3×18650 (compact version): high brightness: 120 min, medium: 240 min, low: 800 min
  6×18650 (canister version): high brightness: 240 min, medium: 480 min, low 1600 min
- Dimensions: canister Ø51 × 172 mm, head Ø62 × 79,5 mm
- Cable length: 120 cm
- Weight of the set with transport case: 3 kg

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.

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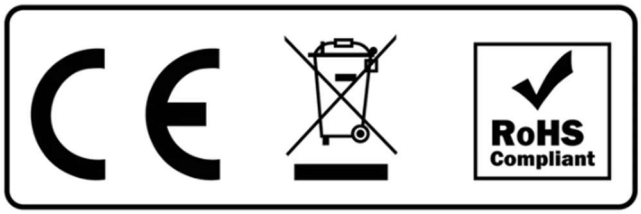
- Segregate e-waste by putting it in designated containers.
- By disposing of your device correctly, you are making a contribution to the protection of the environment and human health. Incorrect disposal poses a threat to the environment and human health.
- You can obtain more information about recycling 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.

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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