

CD SAFETY STROBE LED SIGNALLING STROBE & BACKUP LIGHT

Custom Divers safety strobe is a multi-function device which can be used for safety, signalling and backup. It has three white LEDs, one red LED and one green LED. All the LEDs are high-intensity and can quick flash, slow flash or be constant on. At night the triple white LEDs can be seen from up to 3 miles away on the surface.

Suggested uses:

- White flashing – diver location (especially during night dives), waypoint marker, bottom of shot line marker.
- White constant on – backup light
- Red – danger, ‘I need help’, ‘end dive at once’
- Green – ‘Come to me’, ‘look what I’ve found’, instructor location, staged/backup air/gas location.

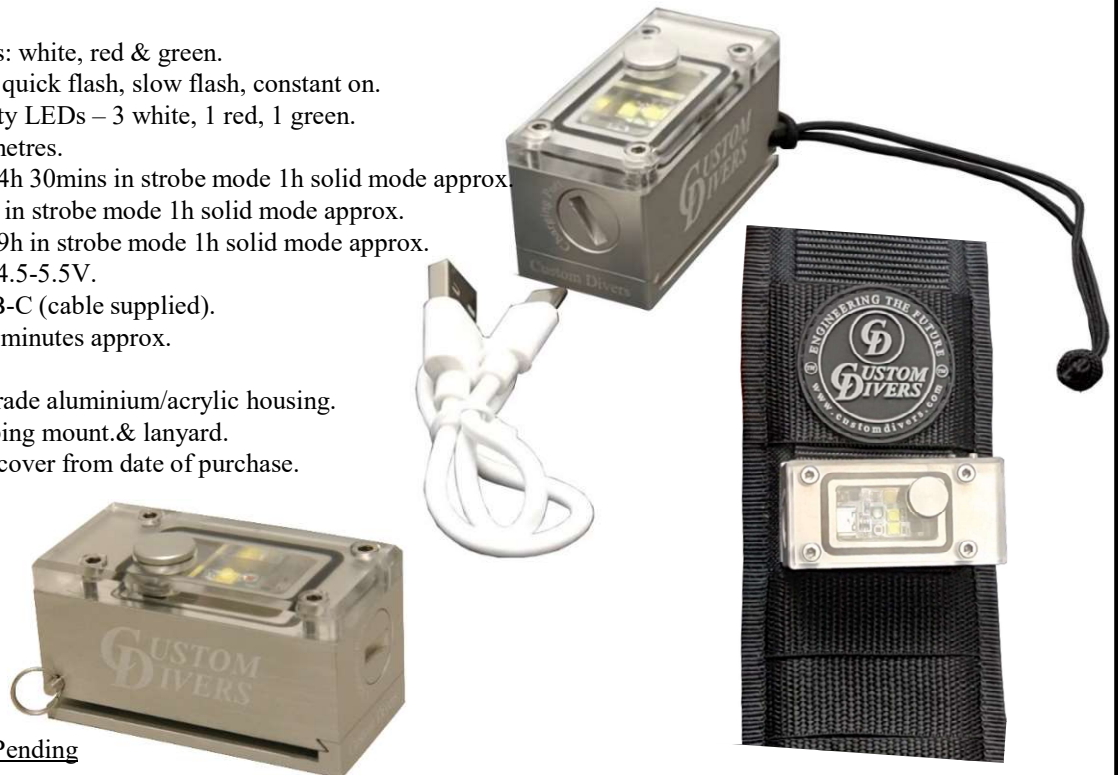
The modes are easily switched via the large press-button on the front of the casing. Long press the button to turn on/off and short press to change desired colour or mode of the strobe light when on.

When the strobe is turned on it return to the colour and flash rate it was when turn off. After turning on, short press the button to change to the desired mode and colour.

Its lightweight and compact size makes the system easy to mount /install on any equipment by using either the quick release base to fix to webbing or, for permanent mounting, the base may be attached via two 4mm holes in the housing base. There is a lanyard attachment point for extra security.

Specification

- Three colour modes: white, red & green.
- Three flash modes: quick flash, slow flash, constant on.
- Five 3W Hi-intensity LEDs – 3 white, 1 red, 1 green.
- Depth rating: 180 metres.
- Run Time (white): 4h 30mins in strobe mode 1h solid mode approx.
- Run Time (red): 6h in strobe mode 1h solid mode approx.
- Run Time (green): 9h in strobe mode 1h solid mode approx.
- Charging Voltage: 4.5-5.5V.
- Charging port: USB-C (cable supplied).
- Charging Time: 90 minutes approx.
- Weight: 134g.
- Anodised marine grade aluminium/acrylic housing.
- Quick release webbing mount.& lanyard.
- One year warranty cover from date of purchase.



Patent Pending

CODE	DESCRIPTION
CDSS	CD SAFETY STROBE

CD SAFETY STROBE

LED SIGNALLING STROBE & BACKUP LIGHT

Charging your LED

Charging time: 90 minutes approx.

Unscrew and remove the charging port blanking plug with a coin or similar. Connect the included USB-C lead to the safety strobe charge socket and to a USB charger (not included). The LED will indicate red when charging and will turn off when fully charged. After charging, remove the charge lead, and replace the charge port after checking that its O-ring is lightly greased with silicone grease, and free from dirt/ debris.

Operating Instructions

Power ON/OFF

Press the button for one second to turn on/off and then short press to change colour or mode of the strobe light.

Mode Switch

The default mode may be set to any colour as when the LED strobe is turned on it will return to the colour in use when it was turned off. After turning on, short press the button to change to the desired mode and colour.

Colour/Flash Modes

Repeated short presses of the button cycle through: white quick flash → white slow flash → white solid → red quick flash → red slow flash → red solid → green quick flash → green slow flash → green solid, and repeat. Don't forget to discuss and agree the usage/ meaning of the various colours/ flash modes with all divers and boat crew before the dive!

Fitting

Its lightweight and compact size makes the system easy to mount /install on any equipment by using either the quick release mounting bracket to fix to webbing or, for permanent mounting, the bracket may be attached via two M4 holes at the housing base. There is a lanyard attachment point for extra security.

Routine maintenance for your housing and O Rings

After every use the housing should be rinsed with fresh water. Soak the housing in fresh water for a few minutes after every salt water dive and for longer if salt water has been allowed to dry. Ensure the unit is dry before attempting to remove the charging port. **After every dive**, the charge port O ring and groove should be checked to ensure the surfaces are free of any foreign bodies, such as hair or debris. Great care should be taken at this point as when the charge port is open the housing is no longer waterproof - so ensure this is carried out in a clean and dry environment. Do not use any air source to blow any debris around the charge port area, as this may damage the electronics inside the housing. The O ring should then be gently and lightly greased with silicone grease only. Care must be taken not to over-stretch the O ring. Do not over-lubricate - use a light greasing only. Replace the charging port blanking plug by screwing in clockwise until the port is flush with the housing: do not over tighten.

Do not remove the clear 'window' on the front of the unit or disturb its four securing screws as this will invalidate the warranty.

Keep the safety strobe away from heat sources and avoid long exposure to sunlight as this may cause condensation within the housing which may damage the electronics and contribute to the formation of salt crystals. It is recommended that the safety strobe is serviced by Custom Divers or an approved service facility once a year.



Warning
Strobe Lighting In Use

Caution

Flashing lights inside, may not be safe for those with epilepsy or light sensitivity.

CODE	DESCRIPTION
CDSS	SAFETY STROBE

