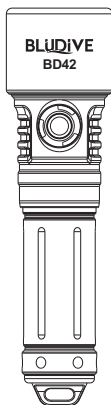


BLUDIVE



Dive Light BD42

User manual

The Bludive BD42 is a high performance LED dive torch with 2500lm max output that utilizes an imported Luminus SFT42R LED. The SMO reflector emits a concentrated beam at an angle of 4 degrees. Users can switch between the 3 brightness settings, High-Low-Strobe, by pressing the stainless steel side switch. Powered by a 21700 Lithium battery, a maximum runtime of 7H can be achieved. With the robust water pressure resistant construction, compact size and functional user interface, the BD42 is perfectly suited as a primary light for recreational diving and as a backup light for deep / professional diving purposes.

Features

- ✦ Luminus SFT42R (maximum of 2500lm).
- ✦ Memory function: No need to cycle between the modes. The mode when powered off will set and when the flashlight is turned on again this mode will still be active (excl. Strobe mode).
- ✦ The single 21700 5000mAh Lithium battery provides a runtime of 1.9Hrs in High mode and 7Hrs in Low mode.
- ✦ SMO reflector with AR coated 4mm tempered lens to provide a clear concentrated beam at 4°.
- ✦ The desired mode is easily selected with the stainless steel side switch and the built-in power indicator makes it easy to determine the remaining power status.
- ✦ Water pressure resistant rating of 150meters.
- ✦ Aircraft-grade high strength aluminum material used for the body.
- ✦ Reverse polarity protection to protect from incorrect battery installation.
- ✦ Over discharge protection function to automatically downshift when the battery is low to prevent over discharge.

Specifications

FL1 STANDARD	High	Low	Strobe
Output	2500LM	550LM	2500LM
Runtime	1.9H	7H	—
Beam Intensity	95,760cd	18,750cd	95,760cd
Beam Distance	2028ft 618m	899ft 274m	2028ft 618m
LED	Luminus SFT42R*1		
Lens	4mm AR coated tempered glass		
Battery Source	1* 21700 5000mAh Li-ion Battery		
Switch	Stainless Steel Side Switch		
Impact Distance	1.5m		
Waterproof	IPX-8 (150 meters underwater)		
Material	Aerospace 6061 Aluminum Alloy		
Finish	Premium Type III Hard-anodizing		
Dimension	5.89"(Length)*1.45"(Head)*1.06"(Tube) 149.5(Length)*37(Head)*27(Tube)mm		
Net Weight	5.07oz/144g (battery excluded)		

Note:
The above data has been measured in accordance with international flashlight testing standards ANSI/NEMA FL1 using BLUDIVE 3.7V/ 5000mAh battery under laboratory conditions.

Inside the box

- 1*BD42 dive flashlight
- 1*21700 5000mAh Lithium battery
- 1*21700 single bay charger
- 1*Diving Lanyard
- 3*Spare O-rings
- 1*Manual

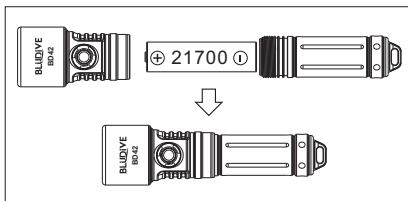
Shenzhen Speras Lighting Co., Ltd

Add: 4F, Shentengyao Business Building,
Hexiu West Road, Fuhai Street, Bao'an
District, Shenzhen, China
Tel:0086 755 21072597
Website: www.bludivegear.com
Email: info@bludivegear.com



Battery Installation

Please install the batteries in the correct sequence



Note: DO NOT use battery with damaged surface or deformation to avoid short circuit, leakage, explosion, etc.

Operation Instruction

ON-OFF/Change Mode

- ✦ A single click of the side switch will switch the flashlight on/off and a press and hold of the switch will cycle through the modes: high- low-strobe.

Lock Function

- ✦ The lock function is designed to avoid unintended/accidental activation of the device.

- ✦ If the flashlight is off for more than 3mins, the lock mode will activate. Press and hold the switch for 2 seconds to unlock the device.
- ✦ If the switch is pressed and the indicator light is green, it indicates that the flashlight is in locked mode. You have to unlock the device before in order to switch it on.

Power Indicator

When turning the flashlight on, the built-in indicator on the side switch will indicate the remaining power status as follows:

Green: 100%-30%

Red: 30%-5%

Red Flash: 5%-1%

Usage and Maintenance

- ✦ Please clean the surface of the flashlight and wipe it dry after use to prevent corrosion caused by seawater.
- ✦ Do not drop or place the light in sand to prevent sand entering the side switch or screw thread.
- ✦ Tighten all the connecting parts of the flashlight before going underwater.
- ✦ Please take out the batteries after each dive session.
- ✦ Please don't disassemble the sealed head. This can cause damage to the flashlight and affect its waterproof rating.

- ✦ Please inspect the O-rings before going underwater and replace the O-rings if they are damaged. Regularly lubricate the O-rings with silicon grease to minimize wear.
- ✦ Please clean the contact points of your flashlight from time to time. If the light flickers or don't light up, please investigate the following probable causes:
 - 1.) The battery need to be replaced; or
 - 2.) The thread or the contact side is corroded by sea water which will cause poor contact or non-conducting. You can use abrasive paper to polish the surface and increase its conductivity.
- ✦ Do not shine light directly into eyes.

Warranty

- ✦ The product is provided a 2-year warranty. Any non-artificial damage, please contact after-sales department.
- ✦ The warranty does not cover normal wear and tear, modifications, misuse, disintegrations, negligence, accidents, improper maintenance, or repairs by anyone other than an authorized retailer or Bludive itself.

BLUDIVE Warranty Card

Product Model No.: _____

Series No.: _____

Date of Purchase: _____

Signature/Dealer Stamp: _____

Warranty:

This flashlight is covered by a 2-years warranty from the date of purchase.
The warranty covers manufacturer defect solely and becomes invalid if the flashlight is subjected to work by an unauthorized party.

