

Replacing the Battery Pack Inside the Body

- Unscrew the body and then slide out the old battery pack.



Choosing between 4-Levels and SOS of output

- Press the push button every time to choose the desired output level : I- output at 10%, II-output at 25%, III-output at 50%, IV-output at 100%.
- For 4-Levels setting, press the push button each time to change the level of output accordingly.
- For SOS setting, press the push button for 2 sec to get SOS effect and back to normal when you press the push button once again.
- For OFF setting, press the push button one time after 1 sec of level selection or press the push button five times after 4-Levels setting.



Battery level indicator built-in

- Color of LEDs change from the time being. It will change from blue to green and green to red. When the red led flashes, it reminds people to charge up the battery.



Charging the Battery

- Place the Li ion battery inside the USB Charger. There is no need to discharge after use.
- Charge time will depend on the remaining capacity in the battery and the surrounding temperature.



Maintenance and Transportation

- After each dive, always rinse with fresh water. If the diving light will not be used for a prolonged period of time (more than a month), remove the battery from the light.
- In rare cases of flooding, discontinue use. Turn the light off immediately and rinse with fresh water. Let the components dry completely, and return it to Bigblue for service.
- Flooding damage cannot be repaired on site.

Clean the light and Lubricate the O-Ring

- For good practice, put the light into fresh water for few hours after every dive.
- Dry it out and put the silicone crease on the O-Ring. Ready for other dive.

Mounting the Goodman Glove



Goodman Glove



Fix the glove on the light with the supplied screw



Tighten by pulling the velcro

For Right Hand User

- Unscrew the piece and place it upside down.



Setup Using Handle

- The light comes with handle



Technical Specifications

Light Source	3 x LED
Light Output	290 Lm (level I), 725 Lm (level II) 1450 Lm (level III) , 2900 Lm (level IV)
Casing Material	Aluminum alloy. Anti-corrosive anodized
Power Source	Li ion Rechargeable battery pack 32650
Angle of Light Beam	10° narrow beam
Color Temperature	6500K
Burn Time	1.5hrs (level IV), 3 hrs (level III) 6 hrs (level II) and 15hrs (level I)
Maximum Depth	100m tested
Size	Dia. 50 x L. 130mm
Weight in Air	359g (including battery)
Buoyancy in Sea water	-188g (including battery)
Switching System	Push button with battery indicator
Front Glass	Tempered optical glass
Lanyard	Included

Specifications subject to change without prior notice

TL2900P

Li ion Rechargeable
Battery LED Tech Light





TL2900P

2900 Lumens

Li ion Rechargeable Battery LED Tech Light

INSTRUCTION MANUAL



- 3 x ultra high intensity LED delivers 2900 lumens, and an 10° hot spot , making it an ideal technical light for the most demanding technical divers.
- The LEDs are maintenance-free, they guarantee a burn time of 50,000 hours, reducing the need for frequent bulb replacement.
- The 6500K white light reflects the true vibrant colors of the underwater surrounding while diving.
- The four levels power output lets you choose between 100%, 50%, 25% and 10% of total brightness.
- The push button not only makes it easy to change between the power output levels, but it is also designed to be insulated from all internal parts, eliminating the risk of leakage.
- Li ion rechargeable battery design comes with a smart charger, enabling you to charge in a few hours.
- Sturdy glove for hands-free operation underwater.
- The thermal protection system prevents the light from overheating by automatically cutting off its power in case of prolonged use on land, or exposure to temperatures above 70°C. As soon as the light cools off, power comes back on.



Goodman glove for hands-free operation

Features

- Intended to be used with the custom-made BATCELL32650 Li ion rechargeable battery pack only.
- Connect with the correct polarity (+ and -) only, incorrect connection can damage the unit.
- Fully charge the batteries before using for the first time.
- Use only the power adapters supplied with the charger.
- Using incompatible adapters may damage the charger or result in fire or electric shock.
- Charge time will depend on the remaining charge in the battery and the surrounding temperature.
- Do not charge near hot temperature, under direct sunlight, cover the charger with a blanket, or place under heavy pressure. If the temperature is too high, it may cause the battery to leak or rupture.
- When storing or carrying the battery, avoid direct contact with metal objects to avoid short circuit.
- The Li ion battery should not be dropped or be subjected to strong mechanical shock.
- Remove the battery from the light if it is not going to be in use for an extended period of time.
- Do not operate the battery or the charger if it has been damaged or subjected to shock.
- Do not dispose of in fire. Do not heat, deform, solder, disassemble or modify.
- Do not dispose of your rechargeable battery with general household waste. Check with your local collection system for electrical and electronic products.
- Do not short-circuit, overcharge, crush, drop, mutilate, generate with foreign objects, apply reverse polarity, expose to high temperature or disassemble packs and cells.
- Use only lithium-ion cells with a designated protection circuit and approved charger.
- Discontinue using the battery and/or charger if the battery gets excessively warm.
- The electrolyte is highly flammable and battery rupture can cause physical injury.
- Use a foam extinguisher, CO2, dry chemical, powdered graphite, copper powder or soda (sodium carbonate) to extinguish a lithium-ion fire. Only pour water to prevent the fire from spreading.
- If the fire of a burning lithium-ion battery cannot be extinguished, allow the pack to burn out on its own in a controlled and safe manner.

Using the rechargeable Li ion battery

1. Fully charge the battery before using it first time.
 2. Use only the power adapter supplied with the charger.
 3. Plug in the charger before you place the battery in the charger.
 4. Make sure to connect with the correct polarity. Incorrect connection can damage the unit.
 5. The red light on the charger will light up after a short time, indicating charging is taking place. If the red light does not light up, disconnect the battery and re-connect it again. If the red light does not light up after several attempts, the battery does not function.
 6. Green light on the charger indicates fully charged battery. The battery should then be disconnected.
 7. Charge the battery after each use. It does not have to be discharged before charging. Should charge the battery every month even you don't use it.
 8. Do not turn on the light, if the light has turned off due to low battery capacity. Turning on the light with a fully discharged battery can damage the battery.
 9. Charge time will depend on the remaining charge in the battery and the surrounding temperature
 10. Remove the battery from the light if it is not going to be used for extended period of time
- ## Charging Li ion battery
1. Never put your battery on a charger and leave it unattended. Check the "time required to fully re-charge" and plan to have someone be in attendance.
 2. Discontinue using charger and/or battery if the battery gets excessively warm.
 3. If the battery does not charge in the approximate time suggested by the manufacturer contact the manufacturer to determine if the problem is with the battery or the charger. Do not continue charging the cell.

Li ion battery charge and care

Congratulations on your purchase of our Bigblue product. The Bigblue Diving Light uses carefully selected materials that have met rigorous industry standards. With innovative manufacturing processes, and strict quality controls, we guarantee the reliability of all Bigblue diving products.

Introduction

The TL 2900P delivers a stunning 2900 lumens light output 3 x ultra high intensity LED. It is a compact and versatile technical diving light with strong penetrating hot spot and a wide and even periphery light beam, best suitable for technical diving. Combined with the self-contained 32650 Li ion rechargeable battery design, it actualizes the super convenience and performance which can meet the needs of discerning professional divers.



Bossk International Company Limite

Tel : (852) 3568 0773
Email : customerservice@bigblue.com.hk
Web : www.bigbluelights.com
www.bigblue.com.hk
MADE IN CHINA Patent Pending

