



USE AND CARE GUIDE

for
**Yellow Diving
Primary and Video
Lighting Systems**

Thank you for choosing Yellow Diving products.

Please take a moment to read through this document before use of Yellow Diving lighting systems. It is provided to answer many frequently asked questions and also as a platform for our recommended care, use, and storage.

If you have additional questions after reading through the manual, please do not hesitate to contact us at +48605263692 or via email – yellowdiving@gmail.com

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Light Models

There are two configurations currently available for Yellow Diving primary and video lights:

- 21Watt and 35Watt Slide Mini Light Series with separated igniter which is placed in headlamp and main ballast in the cap of canister.
- 21Watt Slide L Light Series with complete electronics which is placed in headlamp.

General Information

1. Maximum operating depth for Yellow Diving light is 150m.
2. Headlamp and canister are made of solid rod of Delrin, which is a lightweight, low-friction, and wear-resistant thermoplastic with good physical and processing properties and capable of operating in temperatures in excess of 90 degrees Celsius. It also handles great at sub freezing temperatures, protecting the battery. It is also extremely durable and stands up to the rigors of any diving environment.
3. The battery is completely sealed minimizing the possibility of any external interference i.e. water, in case of nicked cord and switch boot along with the occasional improperly latched lids.
4. The Brightstar bulb and ballast, used in our lighting system are designed to be hot re-strike able, but "short-striking" the bulb can cause the life of the bulb to be shorter than normal. Using this two main components from one manufacturer is the best way to have the best fitted set with optimum parameters.
5. The goodman's handle is wide enough to be used in cold water with bigger gloves. It is possible to regulate the height of the goodman's handle.
6. The stainless steel catches have the lock system. It isn't possible to open the canister without diver's help. Canister is protected by two o-rings and the lid with the second seal plate. If something goes wrong with switch or cable this second barrier prevents 15 bar pressure and makes the battery pack safer.
7. Bolt snaps can be mounted on the goodman's handle and at the end of the lamp's head. There is a swivel ring on the cable gland. It gives possibility to catch the bolt snap in any position and makes it easier to hang turned on light on the shoulder D-ring. The light shines down, not into your and your buddy's eyes. Thanks to this you have your hands free and light is still turned on. You shouldn't mount the bolt snap on the cable. This could break the cable easily.
8. Design of the light makes it suitable to be used with either adjustable or video reflector.



9. The characteristic of the adjustable reflector gives possibility to have a spot light with afterglow or wide beam light. You can regulate the shape of light under water by sliding the part of the headlamp with mirror. Changing the angle of light is very useful in different visibility of the water. The reflector is blocked by screw. If you use the light on the right hand you can put the block screw on the other side of the reflector to make it easier to adjust the shape of the light.



10. The video reflector gives the constant 110° angle wide light.

Warnings

1. Not following the manual instructions may cause damage to the light.
2. The water is cooling environment for the light. **DO NOT USE THE LIGHT ON THE LAND!** The bulb generates high temperature during use and heats its housing. Putting warm light into the water can cause damage of the glass cover of the bulb and filling the light with water.
3. Do not carry the light holding it by the cable between the headlamp and canister. It can cause pulling out the cable from the glands or breaking of the cable.
4. Do not bend the cable connecting the headlamp and canister because of the danger of breaking it.
5. Under no circumstances should you transport the lid and the canister connected by tamia connector.
6. In case of water intrusion into the light do not switch it on again.
7. The bulb needs about 40 seconds to warm up. During this time the lamp can blink and change the colour of the light.
8. Always take proper care of the lid o-rings and contact surfaces to make sure they don't have any scratches or cracks. It can cause water intrusion to the canister.

Charging and Storage

All lighting systems you receive from our company are fully charged. Anyway you can check the battery pack before the dive following charging steps which are listed below. There are no customer serviceable components sealed within this pack. All warranty claims will be nullified if the internal seal of the pack has been compromised.

Charging steps:



1. First connect universal charger to the wall outlet.



2. Connect battery canister to universal charger by tamiya connector. There is no chance to make any mistake because of the connector shape.

3. LED will glow red while charging and will turn green when the charge cycle is completed.

Automatic charger doesn't involve the user in the process of charging.

The Li-Ion batteries don't have memory effect. It is possible to recharge them when they aren't fully discharged.

It is recommended by the battery manufacturer to charge Li-Ion battery pack every third month and leave them charged when storing.

Before the Dive

1. Check if the battery is charged.
2. Inspect and make sure the cord and switch boot do not have any cuts or damage.
3. Be certain that the lid sealing o-rings are in place. There is really no reason to remove these o-rings during storage. Before each dive you should inspect the lid o-rings and wipe dry any excess grease and sand, do not lubricate as it will attract dirt and grit.
4. Connect the lid to the sealed battery by tamiya connector. Gently slide the lid down on the canister until the axial o-ring makes contact with it and main o-ring makes contact with both the lid and canister. If there is resistance, stop, and ensure that the cables and connector are properly placed. Never try to forcefully close.
5. Inspect the condition of the latches.
6. When closing the locking latches, make sure to apply pressure evenly and simultaneously to the latches.
7. Turn on the light and make sure it comes on. It is best to leave the light on for at least 40 seconds before turning off.
8. If the light fails to strike, turn the switch off and wait 10 seconds before trying again.
9. There is a possibility that some steam and small drops of water start to be visible on the inside layer of glass cover of the bulb. This is a normal situation because there is big temperature difference between water and bulb area during work.



After the Dive

1. Always rinse your gear after a salt-water dive.
2. Before opening the light, make sure you dry any excess water from the lid and canister interface.
3. Check for any water in the canister. In case there is some, remove it and inspect if the o-rings, switch boot and cable haven't been damaged.
4. Disconnect the tamiya connector between the lid and canister. Under no circumstances should you transport these parts connected.
5. Inspect the lid o-rings and wipe dry any excess grease and sand, do not lubricate as it will attract dirt and grit.
6. We recommend using high durability transport cases for the light to avoid any damages during transport.
7. We recommend storing your light in a cool, dry environment.

Warranty Information

1. All of the Yellow Diving lights come with a one year warranty from the original date of purchase.
2. The warranty covers all items including charger.
3. This warranty does not extend to damages caused by improper use, improper maintenance, neglect, unauthorized repairs, modifications.
4. Cosmetic damage, such as scratches, dents, and nicks are not covered by this warranty.
5. All warranty transactions must be accompanied by proof of original purchase from an authorized dealer. Be sure to save your sales receipt and warranty card, and present them whenever returning your lamp for warranty service.

Please contact your local dealer or us directly should you experience any issues with your light that you may think is not right.

Warranty Card

| | |
|----------------|------------------|
| Serial number: | Production date: |
| Purchase date: | Store name: |

Service and Repair Record

| Date | Description | Signature |
|------|-------------|-----------|
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