

## **Vinnie's Advisory Tips – Tovatec Fusion 1000, 530 and 260**

### **Multi-Mode Magnetic Switch.**

Fusion lights feature a magnetic switch. The slide switch design allows water to enter the switch area.

After every dive wash thoroughly in fresh running water to remove any dirt, sand and salt. It is important to push out salt water. Hold the switch under hot fresh water and slide switch back and forth.

Do not drop or place the light on sand or dirt, since iron sand may stick or go into the switch area.

The switch can be removed and replaced if required. Part No. IC-FUSION SWITCH

Light Mode: 100%, 50%, 30% and strobe. Push switch forward and release to switch to next mode.

Note: After Five seconds in any On mode the light can be switched Off by pushing the switch forward and released.

### **Lens Cover / Light Head.**

Fusion lights feature a removable light head. Should the lens or LED become dirty, please unscrew the light head and clean both the lens and LED with a soft dry cloth. Light head is a replaceable part.

Part No. IC-FUSION 1000 HEAD or IC-FUSION 530 HEAD or IC-FUSION 260 HEAD

### **O-Ring Care.**

Inspect O-rings to be sure they are clean and free of dust, debris, hair, sand etc. before using underwater. Lightly lubricate O-rings with silicone grease prior to use and maintain lubrication at all times.

Spare O-rings are supplied with the light and replacement O-rings are available.

Part No. IC-ORING 1000 or IC-ORING 530 or IC-ORING 260

### **End Cap.**

Only remove end cap in a clean environment and inspect O-rings, refit end cap ASAP. Dust and hair may be attracted to the O-rings when end cap is not fitted which if not removed may cause the light to leak underwater.

**Rechargeable Batteries.**

Store in a cool dry place at room temperature. 20-25 Celsius.

Always take batteries out of the light if storing for longer than 30 days.

Avoid completely discharging batteries. Battery experts suggest after 30 charges you should allow batteries to almost fully discharge and fully recharge.

Avoid used or low quality rechargeable batteries.

**Recharging Lithium Battery.**

Your light is supplied with a lithium rechargeable battery and charger cradle.

**Warning.** Do not recharge the battery near flammable items and or products.

Place the battery in the charger cradle with the correct polarity.

A red LED indicates the battery is charging. A green LED indicates the charge is complete.

The Battery should be removed from the charger cradle when fully charged.

Please note leaving the battery charging when the LED is green will NOT charge the battery any more (safety first, it is a bad idea to over charge lithium batteries)

Batteries must include over / voltage protection circuit. Do not use low quality batteries.

**Alkaline and Rechargeable Alkaline Batteries.**

Batteries must not exceed 1.5 volts. Always replace batteries in complete sets, do not mix old and new batteries.

**Pressure Safety Valve.**

Fusion lights are fitted with a pressure safety valve. This provides a level of protection should the batteries off gas. Always use branded high quality batteries in you Fusion light.