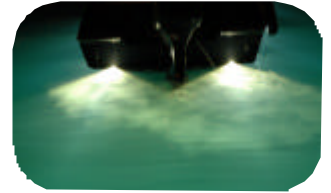




UL Ti MATE 80

'submersible through hull light'

Halogen 100 watt

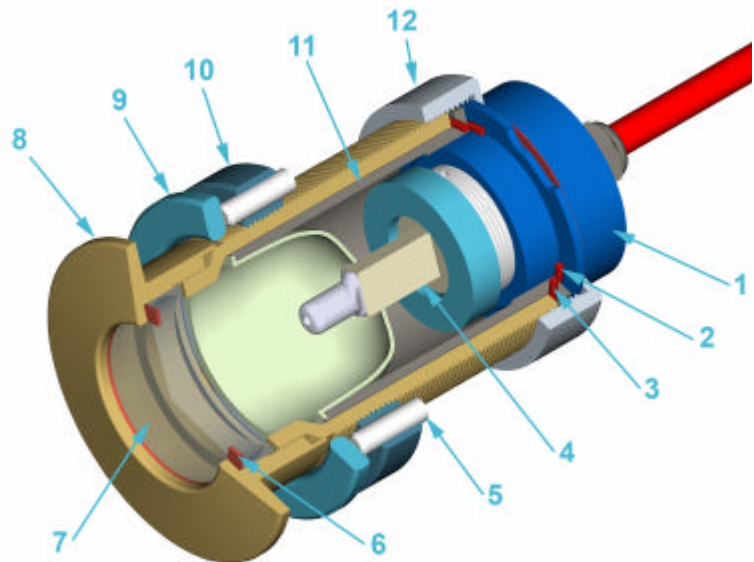


MAXIMUM LAMP WATTAGE 100 WATTS
 ORDERING NUMBERS : 12 VOLT-S02655-V6W3 & 24 VOLT-S02655-V5W3
 (V6=12 VOLTS, V5=24 VOLTS & W3 = 100 WATTS)



- **UL Ti MATE 80 Installation (Maximum hull thickness of 65mm) and Operation.**
- Qualified/Approved personnel must be used to carry out installation.
- Before cutting a hole in the hull, check the hull wall thickness is not greater than 65mm and that the location of the holes are below the waterline. After cutting and finishing the hole surface, check the 'body'(8) can be inserted into the 60mm diameter hole. You are now ready for installation.
- Note for cored hulls - After cutting, the exposed surfaces of the hole must be finished to form a solid surface through it. Thus protecting the internal core of the hull. The wall thickness of the hole should not to less than 5mm-0.25inch. Apply 3M-4200FC sealant to the 'body' (8) flange. Slide the body into the hole and from inside the hull put the 'compensating ring' (9) on and screw the 'securing ring' (10) up hand tight. Gently tighten the adjustment adjustment screws (5) so the compensating ring is flush to the hull and the sealant has flowed completely around the flange and hull. Do **NOT** overtighten the screws as this will squeeze the sealant from the surfaces. Allow the sealant to solidify and remove surplus. Finally tighten the bolts to 4Nm. / 3ft. lbs. Fit the lamp and assemble the remaining parts to the UL Ti MATE 80. Lightly grease the 'O' ring and gasket. When fitting a new lamp make sure the lamp is switched off and bring the lamp plate, bulb and reflector away and above the bilge to the highest point before changing the lamp.
- **Cautionary Label-"Caution: do not operate lights unless totally submerged" must be located by the main switch.**
- After completing the installation procedure it is highly recommended to coat the face of the 'through-hull submersible marine light with antifouling and bond them to the anodes or a cathodic protection system.

Part Description	Part No
1. Halogen Lamp Holder	02607-A
2. 'O' Ring (40mm dia)	02007
3. 'O' Ring (50mm dia)	02008
4. Lamp 12 volt/100watt	91013
4. Lamp 24 volt/100watt	91026
5. Adjustment screws	93306
6. Gasket	02009
7. Glass lens	02010
8. Ultimate 80 Body	S02655
9. Compensating Ring	02602
10. Securing Ring	02603-B
11. Reflector with tube	S02605
12: Lamp holder securing ring	02608-A



Underwater lights limited™

- **Power supply**
- The 100 watt 12 volt lamp requires 8.4 amps
- The 100 watt 24 volt lamp requires 4.2 amps
- The latest UL Ti MATE 80 'through-hull submersible marine light have been designed and manufactured to meet the explosion proof standards. Please contact us for further information.



PLEASE REGISTER YOUR PRODUCT WARRANTY DIRECT TO WWW.REGISTER-UWL.COM
 FOR TECHNICAL INFORMATION PLEASE EMAIL T@UNDERWATERLIGHTS.COM
 SALES, PRODUCT INFORMATION AND NEWS GO TO WWW.UNDERWATERLIGHTS.COM

