



# 316 S.S. UL Ti MATE 75 SA-ICE 'submersible through hull light'



## ORDERING NUMBERS

FLUSH - S00300-75-SA-ICE. 30 DEG - S00330-75-SA-ICE. 50 DEG - S00350-75-SA-ICE  
WITH 120 (V3) / 230 (V2) VOLT BALLAST AND 150W (W2) OR 250W (W1) WATT LAMP.



### OPERATIONAL CONDITIONS AND CONSIDERATIONS

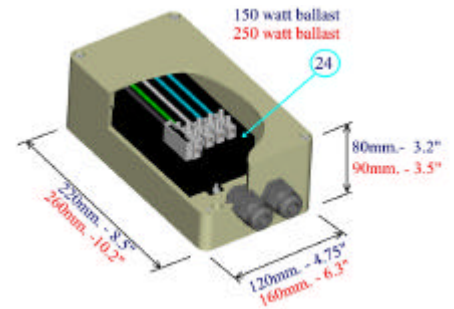
- The UL Ti MATE 75 SA is serviced from inside the hull. Allow access for maintenance and space for ventilation.
- Do not use the UL Ti MATE™ in dry-dock or out of water
- Allow a minimum of 170mm behind the cable gland for lamp replacements on 150w and 150mm behind the ignitor on 250w
- UL Ti MATE™ to be fitted 250mm below the yacht's water line when loaded with 50% fuel and 50% freshwater onboard
- Do not attempt to remove the glass lens while afloat.
- The projector must be correctly assembled with lid secured to the UL Ti MATE™ whilst afloat.

### ELECTRICAL INFORMATION

- **150 WATT** Maximum distance between ballast and projector with the shield earthed 10 meters.
- **250 WATT** Maximum distance between ballast and projector 25 meters.
- Ballast power 150 watt ballast 120/230 volt, running current 1.4/0.7.A
- Ballast power 250 watt ballast 120/230 volt, running current 2.4/1.2.A
- Ballast will not ignite a hot lamp. The ballast has a cycle of three attempts to ignite the lamp then will wait for four minutes before repeating the cycle.

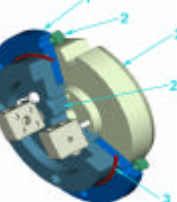
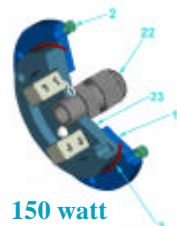
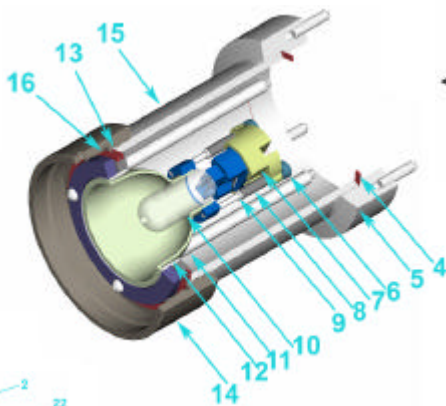
### CABLE SPECIFICATION TO PROJECTOR

- **150 Watt** High temp silicone three core part number. S00111
- **250 Watt** Two core 1mm square. maximum diameter 6mm



ELECTRONIC BALLAST COMPLETE WITH IP65 ENCLOSURE

Part Description 75-SA	Part No
1: Projector lid securing plate	00283-B
2: M6 Nut	93381
3: O' Ring	00108
4: Gasket NAF	00285-A
5: Connecting ring	00274-C
6: Lamp holder screw	00290
7: Lamp holder (250W)	91195
7: Lamp holder (150W)	91191
8: Reflector collar bush	00288-A
9: M4 Lock nut	93374
10: Lamp (250W)	91209
10: Lamp (150W)	91210
11: Reflector adjustment rod	00284
12: Reflector complete	S91791
13: Gasket NAF	00285-A
14: Connecting ring	00303-75-A
15: Projector barrel	00101-C
16: Gasket NAF	000C07-B
30: Glass gaskets NAF	00286-A
31: Glass lens	00281
39: Body Flush (s.s.)	S00300-75
40: Body 50 deg (s.s.)	S00350-75
41: Body 30 deg (s.s.)	S00330-75
42: Glass retaining ring	00304-75-B
43: Cap head screws	93334

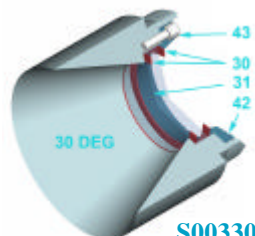


Part Description 75-SA	Part No
20: Ignitor (250W)	S95325
21: Projector cover (250W)	00102-H
22: Gland	00107
23: Projector cover (150W)	00102-E
24: Ballast 250 watt	S00800-V1W1
24: Ballast 150 watt 230v	S00800-V2W2
24: Ballast 150 watt 120v	S00800-V3W2

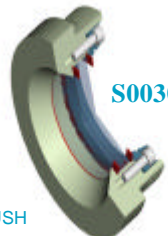
Recommended Spares	Part No
Lamp ( 250w = W1 )	91209
Lamp ( 150w = W2 )	91210
Glass with gaskets	S00281-A
Ballast	S00801-V2/V3



S00350-75

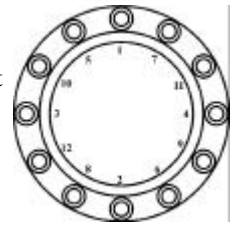


S00330-75



S00300-75

FLUSH



### LENS FITTING INSTRUCTIONS

- Check the glass landing surface is clean and apply a suitable silicone grease to the gaskets. Fit the glass, gaskets and retaining ring as shown above. Hand tighten the screws with a 5mm "Allen key" making sure the glass retaining ring is square. Torque settings for all retaining screws - 10 Nm (7.5 ft/lbs). Torque the screws in the sequence shown. Check the ring again and re-torque the screws again to the same torque setting.



PLEASE REGISTER YOUR PRODUCT WARRANTY DIRECT TO [WWW.REGISTER-UWL.COM](http://WWW.REGISTER-UWL.COM)  
FOR TECHNICAL INFORMATION PLEASE EMAIL [T@UNDERWATERLIGHTS.COM](mailto:T@UNDERWATERLIGHTS.COM)  
SALES, PRODUCT INFORMATION AND NEWS GO TO [WWW.UNDERWATERLIGHTS.COM](http://WWW.UNDERWATERLIGHTS.COM)



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