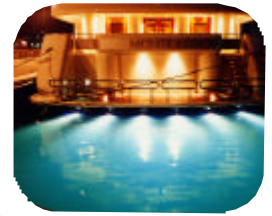




5083 ALU UL Ti MATE 75 SA 'submersible through hull light'



ORDERING NUMBERS

FLUSH - S00600-75-SA. 30 DEG - S00630-75-SA. 50 DEG - S00650-75-SA
WITH 120 (V3) / 230 (V2) VOLT BALLAST AND 150W (W2) OR 250W (W1) WATT LAMP.



OPERATIONAL CONDITIONS AND CONSIDERATIONS

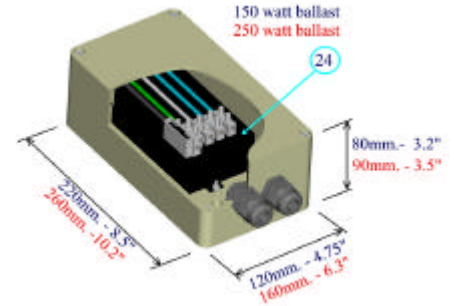
- The UL Ti MATE 75 SA is serviced from inside the hull. Allow access for maintenance and space for ventilation.
- Do not use the UL Ti MATE™ in dry-dock or out of water
- Allow a minimum of 170mm behind the cable gland for lamp replacements on 150w and 150mm behind the ignitor on 250w
- UL Ti MATE™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

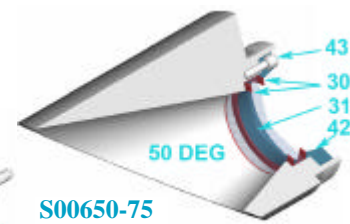
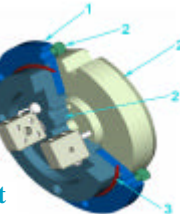
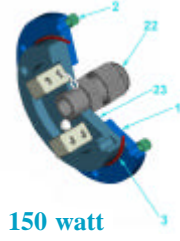
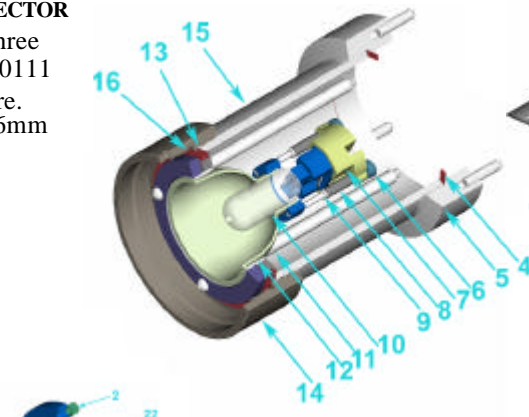
CABLE SPECIFICATION TO PROJECTOR

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

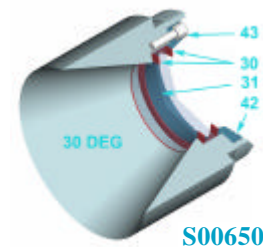


ELECTRONIC BALLAST COMPLETE WITH IP65 ENCLOSURE

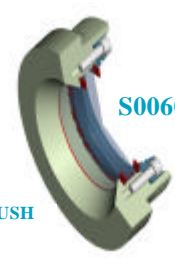
Part Description 75-SA	Part No
1: Projector lid securing plate	00283-B
2: M6 Nut	93381
3: 'O' Ring	00108
4: Gasket NAF	00285-A
5: Connecting ring	00274-C
6: Lamp holder screw	00290
7: Lamp holder (250W)	91195
7: Lamp holder (150W)	91191
8: Reflector collar bush	00288-A
9: M4 Lock nut	93374
10: Lamp (250W)	91209
10: Lamp (150W)	91210
11: Reflector adjustment rod	002842-
12: Reflector complete	S91791
13: Gasket NAF	00285-A
14: Connecting ring	00603-75A
15: Projector barrel	00101-D
16: Gasket NAF	000C07-B
30: Glass gaskets NAF	00286-A
31: Glass lens	00281
39: Body Flush (alu)	S00600-75
40: Body 50 deg (alu)	S00650-75-B
41: Body 30 deg (alu)	S00630-75
42: Glass retaining ring	00604-75-B
43: Cap head screws	93460-SC



S00650-75



S00650-75



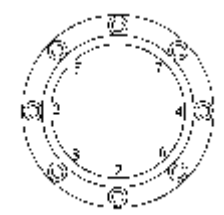
FLUSH

Part Description 75-SA	Part No
20: Ignitor (250W)	S95325
21: Projector cover (250W)	00102-G
22: Gland	92010
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

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.



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