



World leaders in diving equipment technology

DEFENCE
COMMERCIAL

HEAD OFFICE
Enterprise Drive
Westhill
Aberdeen
AB32 6TQ
T: +44 (0)1224 740145
F: +44 (0)1224 740172

GLOBAL LOCATIONS
Aberdeen
Chertsey
Portsmouth
Bremen
Dubai
Cape Town
Perth
Sydney

discover more
www.divexglobal.com



Aquabeam SFL 3000

The SFL 3000 (Supersedes MV2000) is a versatile, flood luminaire, designed for operation down to 3000 metres of seawater, SFL 3000 accommodates the range of minican lamps, from 100 to 1,000 watts, operating from 120/240 Vac or 24Vdc.

The metal components are machined from aluminium and finished by hard anodizing and marine sealing and the domed port is fashioned from borosilicate glass. Lamp replacement is effected without tools, by unscrewing a retaining collar and withdrawing and refitting the lampholder/connector assembly. A range of three, alternative barrel assemblies is available to extend accommodation to most bulkhead connectors.

Technical Data

Illumination Pattern: The general projection may be described as 180° flood. The cone of high intensity output varies with the combination of lamp and dome in use however, the widest angle being produced by 500 watt lamp and 50mm dome.

Maximum Operating Depth: Luminaires are batch tested for operation to 3000 msw. The testing of units for operation at greater depths will be carried out against specific requirements and test certificates furnished.

Electrical Connection: The standard SFL 3000 is fitted with bulkhead connector, type AXSG-3-BCL, with locking sleeve, but a series of alternative barrel assemblies allows accommodation of a broad range of bulkhead connectors by other manufacturers.

Materials: Aluminium (HE30 & LM25), borosilicate glass, polypropylene, stainless steel and neoprene.

Finish: Aluminium - hard anodised black and sealed.

Selecting a Dome: The 50mm dome accommodates lamps of 250 watts and below may be contained within the smaller 38mm dome. The larger dome offers a small economy in immersed weight however. Maximum light diffusion is effected by the frosted dome and the combination of frosted dome and frosted lamp produces the most even field of illumination, attainable with a miniature luminaire, without a condenser lens system.

Ordering Advice

SFL3000 is available in a range of build options which offer many combinations:

- 38mm Dome or 50mm Dome
- Clear Dome or Frosted Dome
- Standard Connector XSGM, or alternative specified by the purchaser
- 120/240Vac as standard
- 24Vdc 70W DC option for trending and plough applications.

Aquabeam SFL 3000 with 3 Pin XSGM Connector and 28mm Dome

Order Code LA300AD

Aquabeam SFL 3000 c/w Yoke & 900 RMG3MP Pen/Conn Assy

Order Code LA300AF

Aquabeam SFL 3000 c/w Yoke & BH 3MP Connector

Order Code LA300AG