

AQUABEAM MV 2000 (MINI VIKING 2000)



A miniature luminaire designed to provide broad, hot spot free illumination for the operation of the R.O.V. television camera. The MV2000 accommodates a range of long life, tungsten-halogen bulbs with power ratings from 100 watts to 1000 watts. Offers clear or frosted domed lenses for combination with clear or frosted lamps can be offered to give the desired degree of diffusion. Allows lamp replacement in seconds without tools or demounting. Offers in-line or 90 degree cable penetration to accommodate any cable approach requirement - 90 degree penetrator permits 360° rotation of cable entry about the luminaire axis. Incorporates yoke assembly affording easy fixing and universal orientation without tools.

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 50 mm dome.

Maximum Operating Depth: Luminaires are batch tested for operation to 5000 f.s.w. The testing of units for operation at greater depths will be carried out against specific requirements and test certificates furnished.

Electrical Connection: The standard MV 2000 is fitted with in-line connector type ARMG-3-MP with locking sleeve, but luminaires will be supplied with alternative 'pigtail' connectors in keeping with the purchaser's instructions - p.t.o. for ordering advice.

Materials: Aluminium (HE 30 & LM 25), borosilicate glass, polypropylene, stainless steel and neoprene.

Finish: Aluminium - hard anodized black and sealed.

Dry Weight:

with 38 mm Dome; 750 grams (26.5 ounces)
 with 50 mm Dome; 780 grams (27.5 ounces)

Immersed Weight:

with 38 mm Dome; 286 grams (10.1 ounces)
 with 50 mm Dome; 268 grams (9.4 ounces)

Selecting a Dome: The 50 mm dome accommodates all of the light sources listed within the table and lamps of 250 watts and below may be contained within the smaller 38 mm 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.

Dimensions: mm (inches)

