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DEFENCE
COMMERCIAL



Aquabeam HB-21 Hyperbaric Light

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The Aquabeam HB-21 is a hyperbaric light fixture, a 'safe' lamphed designed to provide general illumination within the diving bell (SDC) and DDC. The HB-21 embodies a rugged, 24 volt, 21 watt incandescent bulb which is available with either clear or frosted envelope. The domed lens of the fixture is offered in clear borosilicate glass or with internal 'frosting', affording the combination of bulb and dome to produce the degree of diffusion required.

The lamphed is fitted with a helium relief valve to eliminate post decompression explosion hazard and a stainless steel cage protects the glass dome from accidental damage and 'blanketing', which could give rise to overheating.

A heat-sink-plate is available to increase the base area of the fixture for additional cooling when it is not mounted directly to metalwork within the vessel or when the contact area is small.

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Specification

Aluminium (HE30): Stainless steel, brass, ceramic, borosilicate glass, and neoprene.

Finish: Hard anodised black.

Connector: RMG-3-MP with stainless steel locking sleeve.

He Relief Valve Cracking Pressure: 5 psi (Max).

Depth Rating: Standard fixtures are tested to 70 Bar absolute. Greater test pressures will be applied against specific requirements.

Operating Temperature: In free air at 22°C ambient, the basic fixture operates at 55°C and less than 50°C with heat-sink plate. Lower operating temperatures may be expected when the fixture is mounted on a conductive mass, exceeding the dimensions of the heat-sink plate.

Approvals: Det Norske Veritas, Type Approval Certificate No. 609

Electrical

Supply Voltage	24V
Current Consumption	0.88A
Typical Luminous Flux	300lm
Typical Colour temp	3000K
Lamp Life	2000 Hours

Aquabeam HB-21 Hyperbaric Light c/w 3 Pin Male Connector

Order Code LA116

Aquabeam HB-21 Hyperbaric Light c/w 1mtr Cable Tail Only

Order Code LA116AB

Aquabeam HB-21 Hyperbaric Light c/w 6ft Cable Tail Only

Order Code LA116AA

Aquabeam HB-21 Hyperbaric Light c/w Switch & Connector

Order Code LA117

Aquabeam HB-21 Hyperbaric Light c/w Switch & 6ft Cable Tail

Order Code LA117AA

Aquabeam HB-21 Hyperbaric Light c/w Frosted Dome, Switch & 6ft Cable Tail

Order Code LA117FA