

Aquabeam LED LP-20

Low Profile Hyperbaric Light



Introduction

The Aquabeam LED LP-20 is a low profile hyperbaric light fixture designed specifically for installation within the limited confines of the SDC's and DDC's.

The LED LP-20 light offers a high, well diffused output with maximum safety and easy servicing. The housing embodies a toughened, frosted lens, and is fitted with a relief valve for pressure equalisation.

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.

When the fixture is installed as an individual bunk light, adjacent bunk dazzle may be eliminated by the fitting of an extended bezel. The bezel extension also serves to prevent accidental blanketing of the lens and consequential overheating.

The connector is the Divex RMG-3-MP with stainless steel locking sleeve. In free air at 22°C ambient, the basic fixture operates at 48°C and less than 43°C with the heat-sink plate.



Order Codes

Aquabeam LED-LP20 (7m tail)
LA095LA

Aquabeam LED-LP20 c/w 4 LED (1m tail)
LA095LB

Aquabeam LED-LP20 c/w 4 LED (RMG-3MP Conn)
LA098LA

Lower operating temperatures will be achieved when the basic fixture is mounted directly onto any conductive mass exceeding the dimensions of the heat-sink plate.

Each fixture is hydrostatically tested to 75 Bar (absolute). Greater test pressures will be applied on request.

Specification

Mechanical	
Max working pressure	50 Bar
Diameter	114mm / 4.45"
Height	57mm / 2.24"
Weight	0.68Kg / 1.45lbs
Electrical	
Supply voltage	24Vdc
Current consumption	0.7A
Typical luminous flux	425lm
Typical colour temp	10,000 K
Lumen maintenance	50,000 hrs (70%)
Wiring information	
1	+24Vdc
2	0V
3	Earth

