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## Aquabeam Minilux

The Aquabeam Minilux is a light source for the high sensitivity underwater television camera. Minilux adds only a few ounces to the immersed weight of a camera and with its 'all the way' depth capability, detracts nothing from the maximum operating depth of an ROV "eyeball".

It is designed around the Aquabeam range of tungstenhalogen bulbs, which means that it is free flooding and affords easy bulb replacement without tools or the breaking of seals.

Whilst each of the bulbs, within the published table, offers a spread of illumination sufficient to cover the field of view of 90° wide angle lens, the internally frosted lamps are recommended for close-up work since these introduce the diffusion required to minimise "hot-spots".

### Bulbs

Volts	Watts	Life (Hours)	Lumens	Type No.	Order Code
12	20	1,000+	300	12/20/SR	LA022
12	20	1,000+	300	12/20/SR/F	LA023
24	20	1,000+	300	24/20/SR	LA026
24	20	1,000+	300	24/20/SR/F	LA027
24	70	1,000+	1750	24/70/SR	LA028
24	150	400+	4200	24/150/Ph	LA029

**S** = Standard filament      **R** = Fully resistant to thermal shock  
**Ph** = Photographic filament      **F** = Internally frosted envelope

Minilux is fitted as standard with a 51F2M1 connector and an adjustable mounting bracket which allows the lamphead to be fitted to and removed from its operating position by a single winged, hand screw.

**WARNING:** The Minilux lamp holder will suffer damage if lamps with over 20 watts power rating are burned in air for more than a few seconds.

### Specification

Overall Length	125mm (4.92")
Diameter	38mm (1.5")
Dry Weight	240 gms (8.5oz)
Immersed Weight	100 gms (3.5oz)
Max Operating Depth	In excess of 10,000 fsw
Electrical Conn	Short lead and 'Electro' Connector 51 F2M-1
Material	Aluminium (HE30), neoprene, polypropylene, stainless steel (316), and beryllium copper. Aluminium finished by anodising.

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#### Aquabeam Minilux c/w 51F2M1 Connector

Order Code LA013

#### Aquabeam Minilux c/w Cable Tail

Order Code LA014