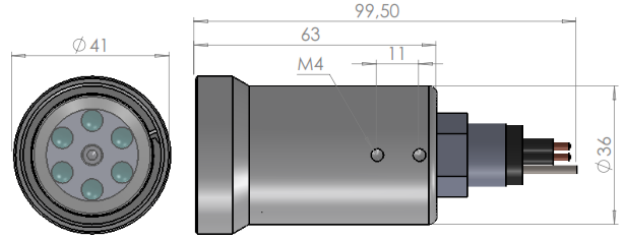
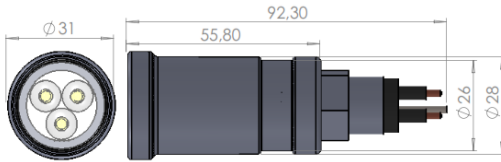


General use description:

The LUX-R are built out of one piece stainless 316 steel. The camera has one o-ring for sealing on the front glass and one o-ring or clip ring for locking the front glass. The connector has one o-ring for sealing. The front glass is made of Lexan (Poly Carbonate). The built in controls protect the LED against polarity switching, over voltage and over temperature. The LUX-R dims automatic when temp. rises. This to protect the LED when the LUX-R is left on out of the water.

Dimensions:

Installation:



The light housing can be fixed to any structure or bracket using: LUX3R; a jubilee clip which fits in the groove on the back part of the camera housing. LUX6R; with 2x M4 screws.

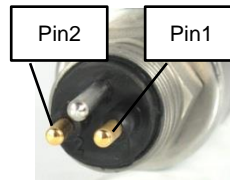
DO NOT: Do not clamp around the bigger part of the housing, this needed for cooling.

Electrical connection:

The power contacts are polarity protected. Use nominal voltages as indicated in the specifications.

Connector layouts:

Mating connector	MCBH2MSS	LUX3R	LUXR6&18R
MCIL2F	Pin1	VDC	GND
	Pin2	No Polarity	+VDC



Maintenance:

The stainless steel housing can be cleaned with water and soap and if needed polished with stainless steel polishing materials. The Lexan front glass can be cleaned with water and soap and only using a cotton cloth or any other non-scratching material. Small scratches on the front glass will not affect the view underwater. The front glass is locked in the housing with a clip ring or o-ring in a groove. The o-ring or clip ring are partially visible at the front of the housing. Make sure that the o-ring or clip ring are correct in its place. If not, do not use the camera before the o-ring or clip ring is well seated or replaced by the factory. Lubricate the connector pins regular with Silicon grease.

DO NOT: do not clean the front glass with paper or other scratching materials.

DO NOT: do not clean the front glass of Lexan with any liquid containing dissolvent.

Warranty:

The LUX-R light has a 2 year warranty on manufacturing defaults.

Warranty is lost when the light housing has been opened by the user or used in conditions otherwise then indicated in the specifications.

Specifications:

Model:	LUX3RSSA-12	LUX3R22SSA-12	LUX3R40SSA-12	LUX6RSS1.5
Lux @ 1 meter (centre)	211	1480	640	440
Beam angle	120°	22°	40°	120°
Color Temp.	6500K			
LED's	3 x 3 w		6 x 3 w	
Operational depth:	600 m			
Material:	Stainless steel 316			
Connector:	Subconn/Birns, MCBH2M, mates with MCIL2F and Lockring FLS-MC			
Control:	Auto. Temp. Control, No polarity		Auto. Temp. Control, polarity protection	
Power:	12-30 vdc (10 watt)		12-30 vdc (20 watt)	
Dimensions:	50 mm x ø 30 -ø 33 mm		60 mm x ø 36 -ø 41 mm	
Weight :	210 gr. (air), 150 gr. (water)		375 gr. (air), 300 gr. (water)	
Connection for mounting:	Jubilee clip in groove		2x M4 x 5 mm thread	

Optional brackets:

- SSBLUX3, SSBLUX6 are Novasub Kirby Morgan band mask or helmet brackets.
- SSBBC-LUX3, SSBBLUX6B Ball brackets are flexible in all position for fixed camera and light installation.
- SSBLUX6R Block brackets is easy to use brackets, especially for welding on objects.