LUXUS Power LED

Description

The LUXUS Power LED is an all purpose LED light for use in ROV and inspection applications and is ideal for use in combination with the LUXUS Colour Zoom and LUXUS Low Light cameras. The LED has an output of 2200 lumen and available with different reflectors.

The Power LED is a wet and dry lamp and can also be used in the splash zone. The electronics contain an auto resetting thermal protection switch to protect the LED and LED driver from high temperatures.

The LED light can be dimmed with a reference voltage of 0-5 VDC, 0-10 VDC or with an analogue resistor. It can be powered with a wide AC range from 90 to 250 V or with a DC power supply from 24 to 32 V.

The housing is made from titanium and has a depth rating of 4000 metres.

Features and benefits
- Light weight
- High output
- Wet and dry
- 4000 m depth rating

Applications
- Rock dump ROVs
- Small and work class ROVs
- Winch and deck monitoring

Options
- A range of different reflectors
- Optional connectors
- Custom wiring
- Universal mounting bracket

Related items
- LUXUS Colour Zoom Camera
- LUXUS High Definition Camera
- LUXUS Low Light Camera
- LUXUS High Power LED
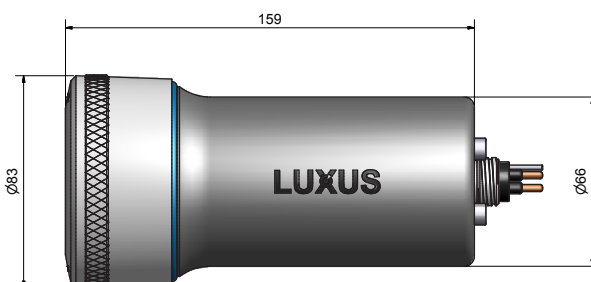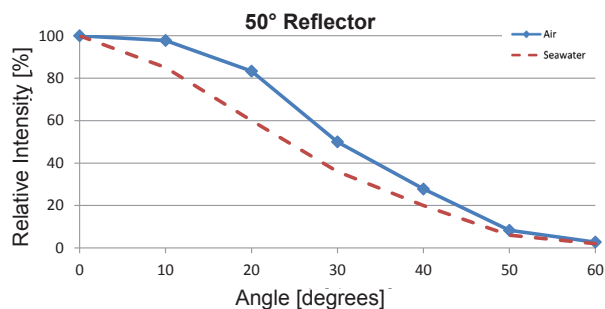- LUXUS Compact Media Controller
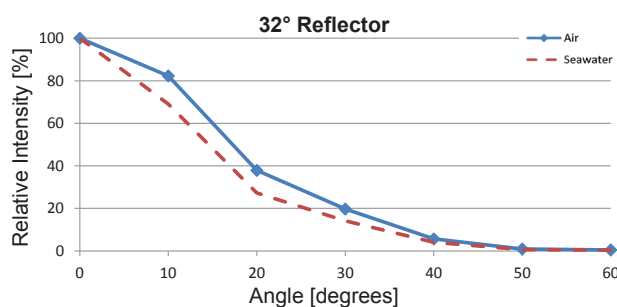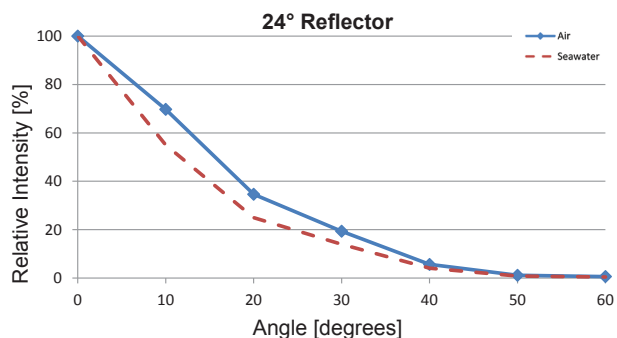- LUXUS Multi Media Controller

LUXUS Power LED light output distribution

24° Reflector

Relative Intensity [%] vs Angle [degrees]
— Air
-- Seawater

32° Reflector

Relative Intensity [%] vs Angle [degrees]
— Air
-- Seawater

50° Reflector

Relative Intensity [%] vs Angle [degrees]
— Air
-- Seawater

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Specifications

Material:	Titanium	Output:	2200 lumen
Depth rating:	4000 m	Thermal protection:	Yes, auto resetting
Test pressure:	600 bar	Standard connector:	SubConn® FCR1503M Ti (DC power supply)
Test pressure FAT:	100 bar		SubConn® FCR1505M Ti (AC power supply)
Power supply:	24 - 32 VDC 90 - 250 VAC / 50 - 60 Hz	Other connectors:	Yes
Power consumption:	25 W	Dimensions:	See drawing (mm)
Dimming:	0 - 5 VDC, 0 - 10 VDC or 5 kΩ potentiometer	Weight:	1500 g in air 875 g in water
Angle of view air:	24°, 32° or 50°	Operating temperature:	-15 to 45 °C
Angle of view water:	18°, 24° or 41°		

Specification subject to change without notice