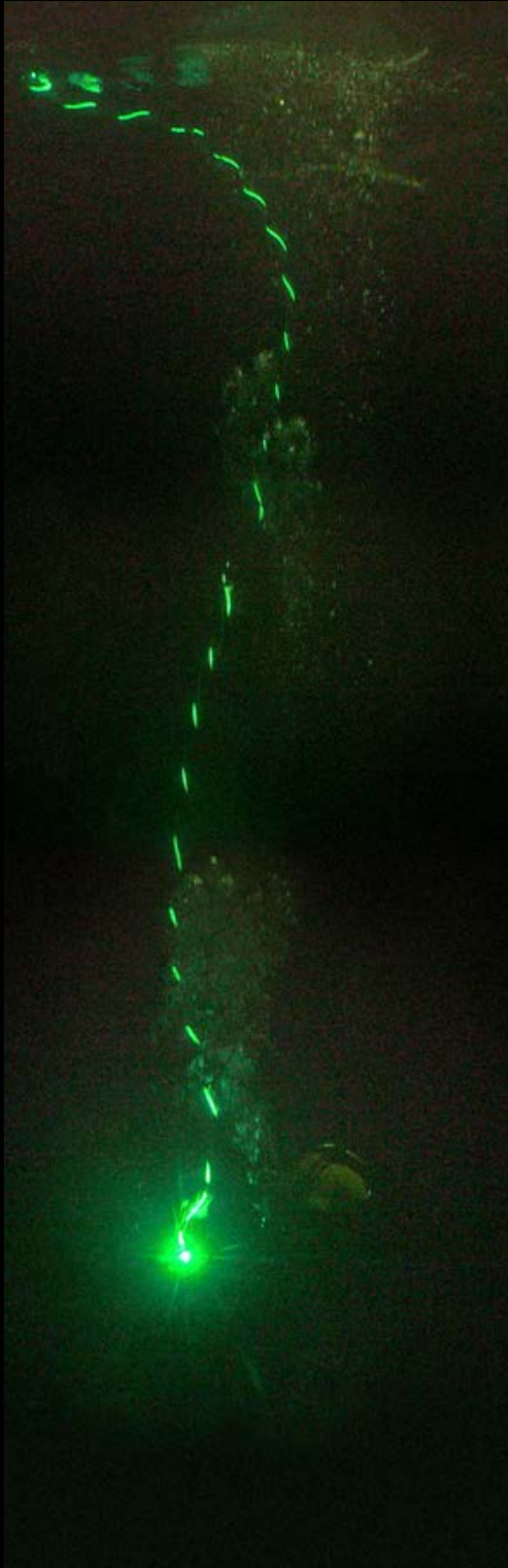


LIGHTPATH®

SLS5000

Subsea Lighting System



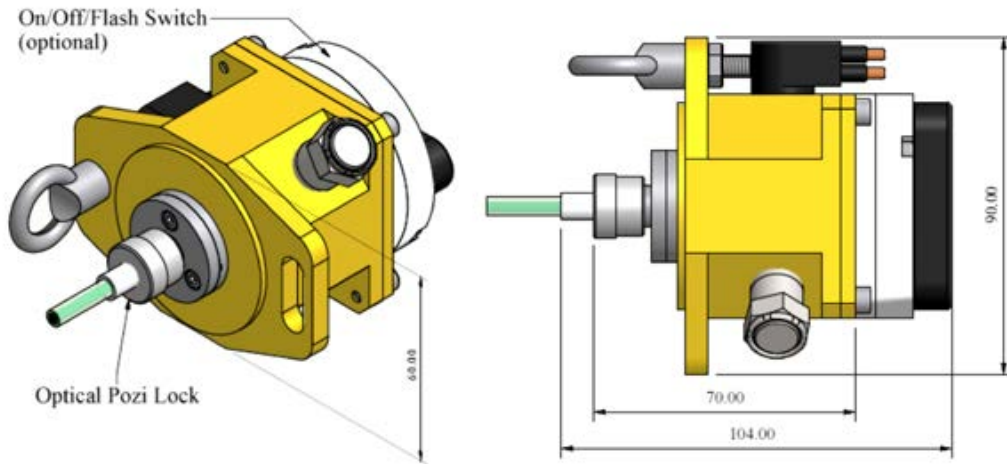
- The **LIGHTPATH®** SLS5000 unit was designed by PhotoSynergy Ltd (PSL) primarily to illuminate saturation excursion dive umbilicals, and has been in operation in the North Sea for more than eight years
- The SLS5000 is a single source operational to a depth of 500m (50bar)
- It is fitted with a helium relief valve for safe operation within saturation dive bells
- Colours adopted are green and blue, as they penetrate most efficiently in water, with white as a third option. Life expectancy is 50,000 hours or five years continuous operation
- The SLS5000 has a range of applications for subsea and salvage divers, ROV pilots and marine archaeologists, including the lighting of tool boxes, tether lines, docking or garage guidance systems and restraint systems including the golden gate
- Marine applications include enhancement of operational safety on deck through the illumination of guard rails, open hatches, temporary work areas and identifying egress routes below deck



LIGHTPATH®

SLS5000

Subsea Lighting System



Technical Specification	Type SLS5000
Mechanical construction	Hard anodised aluminium 6082-T6
Dimensions	90mm x 60mm x 104mm (excluding PRV)
Weight in air	500g
Weight in water	275g
Electrical connection	MCLPBH3M
Mating connector (supplied)	MCLPIL3F with filter and 5m cable
Power requirement	24V dc @ 0.3A (12V dc @ 0.6A)
Power consumption	7W
Colour options	Green, Blue, White, Red*
Optical coupling	Optical Pozi Lock (fibre quick connect)
Operating modes	On/Off/Flash (with optional switch)
Optical window	Sapphire
Pressure vent	Helium Relief Valve
Depth rating	500m (50 bar)
Operating temperature	0°C to 40°C
EMC	Certified to IEC 60533: 1999

*Red is recommended for near surface (<5m) or marine on deck applications

PhotoSynergy Ltd reserves the right to change the above specification without notice.

Updated 25/01/22

MCLPBH3M connector

Pin 1 (black)	0 V
Pin 2 (white)	not connected
Pin 3 (red)	24 Volts

