

LIGHTPATH®

SLS9000

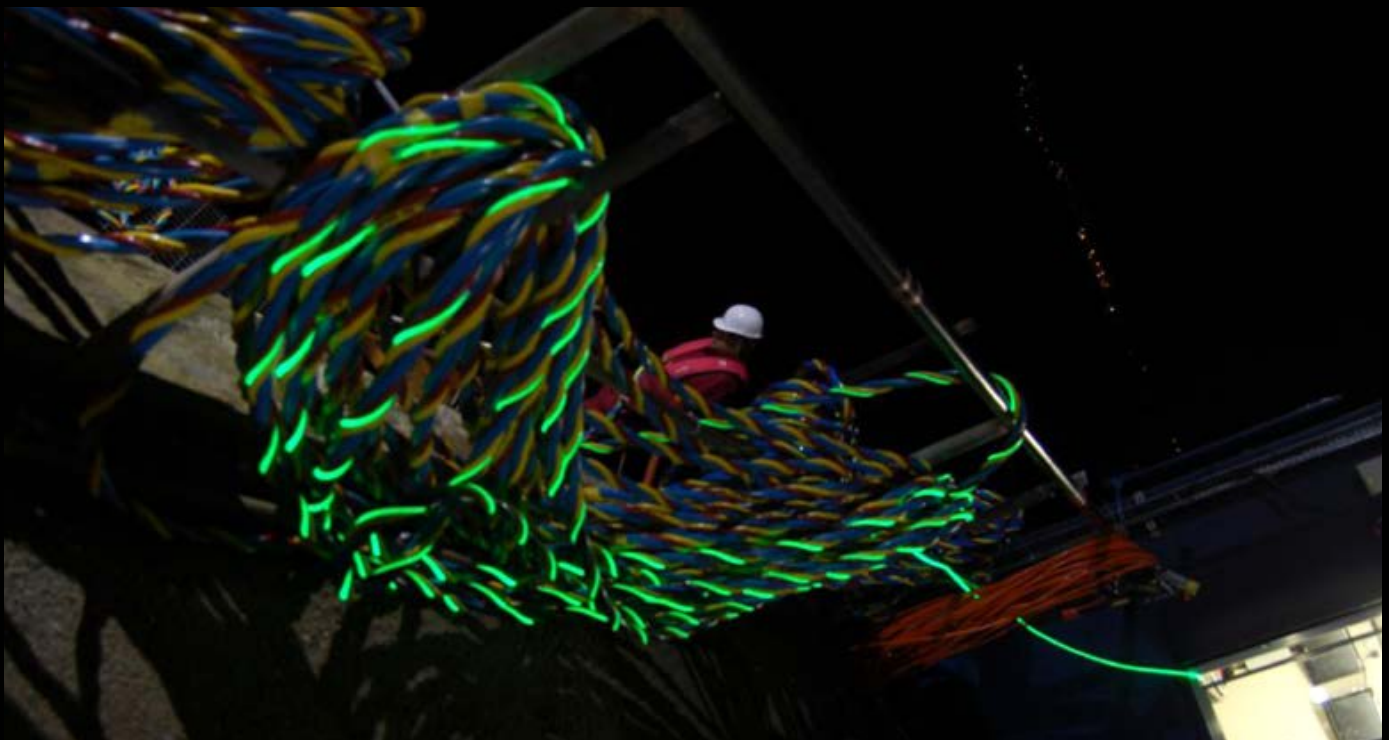
Subsea Lighting System



- The **LIGHTPATH®** SLS9000 unit was developed by PhotoSynergy Ltd (PSL) as a subsea lighting system which provides multi-diver route identification
- A three output channel version of the SLS5000, it was designed primarily to illuminate saturation excursion dive umbilicals for both divers and the bellmen
- It has three colours – green, blue and white – with an option of red for near surface operation or deck-type applications
- The SLS9000 has been in operation in the North Sea for more than eight years to depths of 500m
- It can be retrofitted to existing umbilicals and at 5mm diameter is afforded significant protection from the other hoses and cables in the umbilical



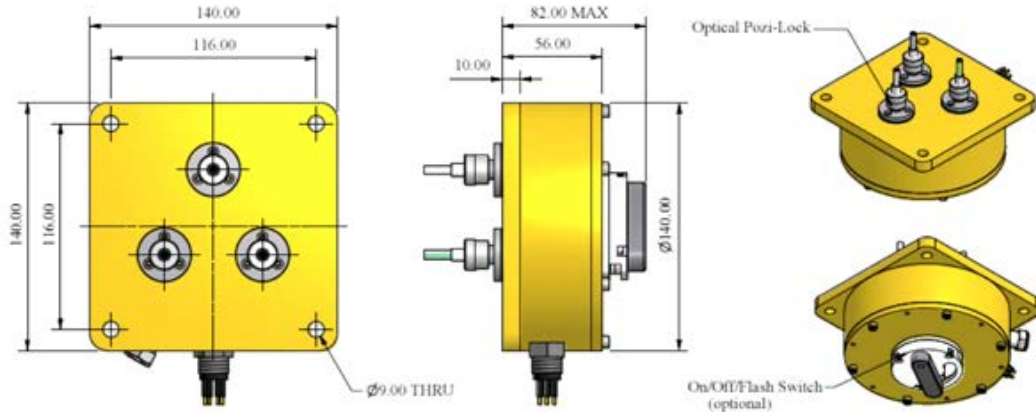
- The SLS9000 can be hard or flexibly mounted and connected/disconnected from power and umbilicals in less than three minutes



LIGHTPATH[®]

SLS9000

Subsea Lighting System



Technical Specification	Type SLS9000
Mechanical construction	Hard anodised al alloy 6082-T6
Dimensions	140x140x56mm (excluding connectors and switch)
Weight in air	2.0 Kg
Weight in water	TBC
Electrical connection	MCBH-5-MP
Mating connector (supplied)	MCIL-5-FC
Power requirement	24V dc @ 0.9A (12V dc @ 1.8A)
Power consumption	21W max
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

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

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

Updated 21/01/16

Pin out on the wet-mate connector

Pin 1	0 Volt
Pin 2	n/c
Pin 3	24 Volts
Pin 4	n/c
Pin 5	n/c



MCBH-5-MP connector

