



CCTV Inspection Systems and Underwater Lighting



MVF 6

Underwater Lighting System

Fixed lighting for the seabed

Utilizes the latest advances in solid-state lighting (SSL)

Easy to use and requires no periodic maintenance

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Fixed underwater illumination system based on latest Led Cob technology.

Do not require any maintenance and can be installed underwater for long periods.

Overview

The system consists of one 220VAC 50/60 Hz surface unit and two, three or four floodlights.

Each floodlight is connected to the surface unit via 50m of rugged PUR cable.

Surface unit

Installed in a rugged wheeled IP67 Peli case that also allows storage of the floodlights.

The surface unit can be powered by a standard 220VAC / 16A output.

Floodlights

Based on latest Led Cob technology allows permanent installation in any position, or hanging from its own cable.

Each Floodlight is equipped with three parallel Led Cobs for a total luminosity of approx. 18.000 lux
The Led Cobs comply with IEC/EN62031:2008 and 62471:2006, general specific normative.

Cable

Purpose manufactured multi lead with a rugged PUR coating that meets any relevant standards and resistant to most chemical products.

Connections

Industry standard Sub Conn and Bulgin connectors.



SPECIFICATIONS**Surface unit**

Power: 220VCA/6A
Weight: 25 Kg
Dimensions: 650 x 350 x 500 mm
Outgoing connectors: Bulgin Buccaneer 3pin female chassi

Cable

Leads: 6 x 1.5 mm²
External coating: PUR Amarillo
Weight: 280 g/m
Underwater connector: SubConn LPIL3F
Surface connection: Bulgin buccaneer 3pin male

Foco

Power: 30VDC/ 1.3A per Led Cob.
Flux@25C: 125lum/W , approx.: 18.000 lux
CRI: 90
Weight surface: 2.200 g
Weight water: 1.900 g
Dimensions: 290x120x45mm
Max depth msw: 150m

General

Working temperature: +40 to -40 deg.C

