Searchlight SL680 incl. LC100 Controller

The innovative housing of the SL680 searchlight system is designed to ensure exceptional durability and reliability. The intelligent functions of the searchlight significantly enhance operational performance and efficiency. Equipped with self-stabilizing technology, it improves the ability to navigate quickly and accurately, even in rough sea conditions with pitch and roll.

SKU: 0-600
Stock status: PENDING

Technical Specifications

ELECTRICAL DATA
Main Voltage	24V / DC
Minimum Voltage	18V / DC
Maximum Voltage	32V /DC
Total consumption (Watt)	680 W

SPECIAL FUNCTIONS
Operation mode	SEARCHMASTER Manuel
Operation mode	SEARCHMASTER Auto
Automatic rewind rotation	540°
1 LUX Range	1.800 meters
Swivel radius:	540° horizontal and 80° vertical.
Azimuth	360° horizontal

TECHNICAL DATA
Minimum operating temperature	- 25° Celsius
Maximum operating temperature	+ 55° Celsius
IP Classification	IP66 (SL680)
IP Classification	IP20 (CL100)

OPTIC
Output angle	Spot 3°
Focus	Variable
Pitch / Roll	Searchlight +/- 40° stabilized.

LIGHT TECHNICAL DATA
Light source	LED
LUMEN out (lm)	72.000

LED Lens panels	4
Power consumption light source (W)	680 Watt
Minimum light beam width	3°
Maximum light beam width	20°
Lumen per Watt (lm / W)	110
Lamp Color temperature	6000
CRI Color rendering index	70
Candela output (cd)	3.240.000

HOUSING

Top and bottom material	Marine Grade Aluminum (AW6082)
Surface treatment	Powder Coated and Corrosion protected.
GLASSTUBE	Hydrolytic glass CL. 1
LED	Panel with OSRAM
Color top/bottom	White RAL9010
Internal surface	Powder Coated Aluminum / Stainless Steel

INTERFACES

Input	NMEA, HDT, GGA, TTM and AIS VDO
Output	One data – and one alarm output
Network connections	RS485 (Proprietary protected)

CERTIFICATES

Marine IEC 60945 Approved	Yes
ISO 9001:2015 Certified	Yes
WheelMark Approval	PENDING

DIMENSIONS

SL680:

Height (cm)	65
Diameter (cm)	Ø34
Net weight (kg)	34,4

LC100:

Length (cm)	33
Height (cm)	18
Width (cm)	18
Net weight (kg)	2,3