

CLITE 2



The Future Searchlight Solution

- a valuable, versatile concept for visibility in rough marine environments

Powerful and Compact LED

- THE Game Changer
- Maintenance free
- Energy Efficient
- Compact size
- Powerful LED
- 2.4 MCd
- 1 lux over 1500 m
- Over 40 000 Lm
- Daylight 6300K
- Dimmable in 3 steps
- Superior Sea Area Coverage
- Reliable and Endurable
- Up to 100 000 light hours
- Smart and Sensible control system
- Modern and Functional
- DC or AC power versions
- Optional Integrated IR thermal camera



MODEL RANGE

TYPE	MODEL	SOURCE
CL-2 (low) platform	CLite 2	LED-module developed by Luminell for Colorlight

PERFORMANCE

LED LIGHT UNIT	CLite LED module
Technology	LED
Light source	2 x 250W
Color Temp	6300 K
Color rendering index	70 (minimum)
Light intensity	2,4 M candela
Range	1500m (1 lux)
Beam width	5,7°



MECHANICAL	
Technology	Slipping. Brushless digital controlled servo motors
Horizontal movement	Unlimited movement
Vertical movement	Unlimited movement
Speed both axis	Stepless 0 - 33 deg/sec

FUNCTIONS

STANDARD DIRECT CONTROLLED	STANDARD MENU CONTROLLED	STANDARD PACK 1	OPTIONAL PACK 2	OPTIONAL PACK 3
Light on/off	System activation	Position indicator	Auto sweeping	Synchronized control
Dimlevel 75%, 50%, 25%	Parking mode	Language version	Fixed position	
Rotation speed, stepless	User settings		Surveillance	
	System information			
	Single lamp mode			

OPTIONAL HARDWARE

Wireless radio control	External power supply for panel (s)	Fiber optic control cable
Thermal camera unit (not for retrofitting)	Ethernet switch, 5 port and 8 port	Customized color
Daylight camera unit (not for retrofitting)	Upside-down installation	Wet paint (AWL grip or similar)
Extra remote panel (s)		

Note: For IR solutions, see product leaflet CLIR

TECHNICAL DATA

Power consumption	650W (max load) (EBOX 24Vdc) 850W (max load) EBOX 100-240VAC	Ballast	No external ballast
Heat load	-	Signal cable	4x2x1 shielded, twisted pair
LED-module	305x180 mm (x2)	Power cable	5G4 shielded
LED life	Up to 100 000 hours	OP3G cable	Ethernet CAT5-FTP Fiber optic available for long distance
		Serial cable	RS485/RS232 Optional. ICD for external control available

	SEARCHLIGHT BODY	EBOX DC	EBOX AC	OPERATOR PANEL
Weight (kg)	28	6	11	0,5
Static size (cm)	26x57x50 cm *	30x25x15 cm *	30x25x15 cm *	13x9x6 cm *
Material	Acid proof stainless steel 1.4401. Led module in seawater resistant powder coated aluminium.	Coated steel	Coated steel	Anodized aluminum / ABS
Paint	Powder coat white RAL 9016	Powder coat grey RAL 7035	Powder coat grey RAL 7035	Anodized black
IP-class	IP66	IP22	IP22	IP5 6
Operating temp range	-40° / +55° Celsius	+5° / +45° Celsius	+5° / +45° Celsius	-20° / +55° Celsius
Input power	Powered from ebox	24 VDC	100-240VAC 50-60Hz	9-28 VDC (max 200 mA @ 24V)

* See drawing for detailed info



ColorLight AB is a provider of professional searchlights for the global maritime market, challenging the traditional solutions with new and better solutions.

With a high level of service and with an open mind approach for every project our mission is to reduce life time cost for the owner and improve visibility and functionality for the user.

Simply - Improving Light at Sea.

We are located in Halmstad on the west coast of Sweden.

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