

NEW PRODUCT

Color|||Light

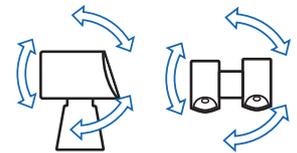
Marine searchlight technology for good and poor visibility conditions

CL35



- Extraordinary sharp white light
- Combinations with UV-light
- Unlimited movements
- Smart remote control
- Wireless remote control
- Ethernet control system
- Improved electrical motors
- Practical service hatches
- Acid proof stainless steel
- Step less speed control
- Automatic sweeping
- Position indicator
- Optional parking positions
- Multiple fixed positions
- Focusing in each lamp house
- Alerting system in display
- Check list for malfunctions
- Language selections in display
- Dimming of display
- Controlling I/O available
- Open to future functions





MODEL RANGE

TYPE	MODEL	SOURCE	RANGE
Dual White	CL35-11 ○○	HMI/HMI	5300 m
Combination White/UV	CL35-12 (or CL35-21) ○● (●○)	HMI/UV	3500 m/1200 m
Dual UV	CL35-22 ●●	UV/UV	1700 m
Daytime camera module	Suffix -1 on above	Optional	Optional
IR-camera module	Suffix -2 on above	Optional	Optional

PERFORMANCE

LIGHT	
Technology	Metal Halide
Light source	2 x 575 W HMI
Color Temp (white light)	6000 K
CRI (white light)	> 90 Ra
Luminous flux (CL35-11)	98 000 lm
Light intensity (CL35-11)	28,7 M candela
Range (CL35-11)	5300 m (1 lux)
Beam width	3-20 deg
Firefighting (CL35-11)	250 m (50-230 lux @ 12 m diameter)

MECHANICAL	
Technology	Slipring. Brushless digital controlled servo motors
Horizontal movement	Unlimited movement
Vertical movement	Unlimited movement
Speed both axis	Stepless 0 - 20 deg/sec

FUNCTIONS

STANDARD DIRECT CONTROLLED
System on/off
Light on/off
Focus (adjustable)
Movement rotation and speed

STANDARD MENU CONTROLLED
System activation
Parking mode
Graphical position indicator
User settings
System information

OPTIONAL FEATURES
Auto sweeping
Fixed position
Surveillance
Language version
Customization upon request

OPTIONAL HARDWARE	
Wireless radio control	Polished stainless
Thermal camera unit	Upside/down installation
Daylight camera unit	Ethernet switch
Extra remote panel (s)	External alerting output
Customized color	Fiber optic control cable
Wet paint (AWL grip or similar)	Customization upon request

TECHNICAL DATA

Power consumption	1460 W (<i>max load</i>)
Power consumption	6,5 A (<i>max load</i>)
Heat load (ebox)	19 W / 120 W (<i>standby/max load</i>)
Reflector size	2 x dia 410 mm
Bulb life	1 000 hours

Ballast	No external ballast
CAN bus cable	3x2x0,75 shielded, twisted pair
Power cable	5 G 1,5 shielded
OP3G cable	Ethernet CAT5-UTP <i>Fiber optic available for long distance</i>
Serial cable	RS485/RS232 <i>Optional. ICD for external control available</i>

	SEARCHLIGHT BODY	EBOX	OPERATOR PANEL
Weight (kg)	80	17	0,5
Static size (cm)	67x113x75 cm*	40x31x12 cm*	13x9x6 cm*
Material	Acid proof stainless steel 1.4401	Coated steel	Anodized aluminum / ABS
Paint	Powder coat white RAL 9016	Powder coat grey RAL 7035	Anodized black
IP-class	IP66	IP22	IP44
Operating temp range	-40/+70 Celsius	0/+60 Celsius	-20/+70 Celsius
Input power	Feeded from e-box	100-240 VAC 50/60 Hz	9 - 28 VDC

* See drawing for detailed info.

Company Profile



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ColorLight AB was founded around the development of the ColorLight searchlight family. In 1996 the first delivery was made, dual white light. A few years later the black light applications were added. The company focus is on further development of modern marine search-lights, marketing and sales and of course final assembly safeguarding first-rate quality in products and functions. As our products are integrated parts of safety systems onboard, safe and hassle-free functions are imperative to ColorLight. We aim to make Navigation/Manoeuvring safer, Search and Rescue operations quicker, Oil Spill damages smaller and Helicopter landings safer.

We are located on the west coast of Sweden, very close to the pleasant town of Halmstad.

Distributed by:

ColorLight