

Color Light



Marine searchlight technology for good and poor visibility conditions



For excellence in
Safety at Sea



**Seatrade
AWARDS**

2003

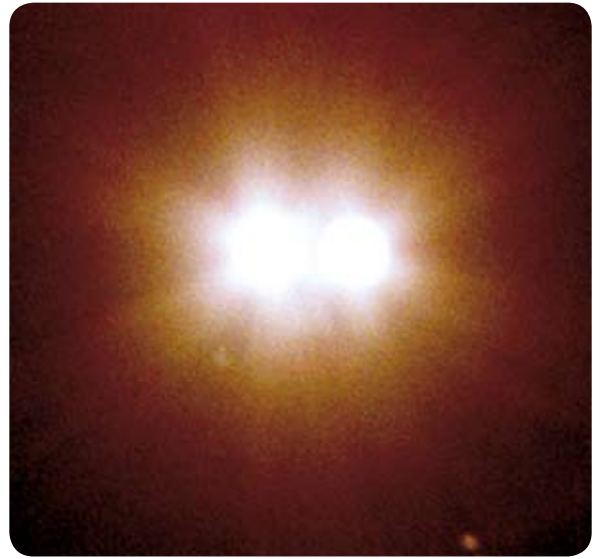
- Navigation/Manoeuvring
- Search and Rescue
- Oil Spill Detection
- Helicopter Landing

The Extraordinary White Light

The high performing white light developed by ColorLight is based on the latest technology regarding Halogen/HMI in combination with specially designed parabolic reflectors with myriad angled steps, similar to a Fresnel lens. The result is probably the sharpest white light available in the market for marine applications. The distances, the light values and the light areas are highly appreciated by many mariners at sea. The ColorLight concept of course allows the beams to be separately operated from spot to flood by remote control.

The searchlight can be equipped with two white lights, one white light in combination with black light or two black lights.

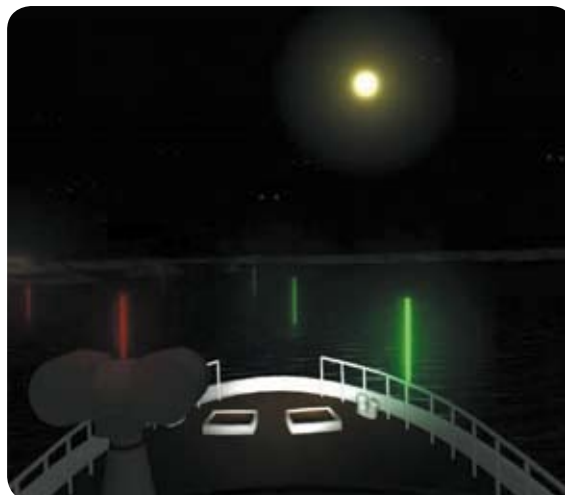
With a ColorLight installed you will see the difference!



The Remarkable Black Light (UV)

The ultraviolet light has a shorter wavelength than ordinary light and is not visible to the human eye. When the UV-beams hit fluorescent pigment a visible light is created and returned. Many modern life jackets are made from fluorescent fabrics. More and more seamarks are coated with fluorescent pigment as it also enhances the visibility in daylight from the UV-beams of the sun. The UV-beams have definite advantages during difficult conditions such as darkness, rain, fog and snow as they can cut through such obstacles more effectively. The white light becomes rather poor as you cannot see behind the reflections eventually creating a white wall. The ColorLight UV is operated in the UVA wavelength area.

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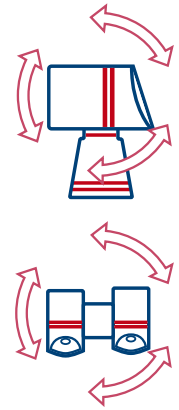


The Unique Unlimited Movement



The ColorLight concept features a dual-headed construction allowing unlimited movements, vertically and horizontally at the same time. Thus you can by remote control direct the searchlight anywhere without any limitations. This flexibility adds value to many marine applications. Strong electrical motors in combination with patented technical solutions is providing safe operations. The white light sweeps the water in a visible way. When using the black light an indicator function is needed to keep track of the position of the searchlight.

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The wireless options

ColorLight searchlights can be equipped with wireless remote control system, one or more, stand alone or in combination with the stationary remote control system.



The remote control unit is palm size and can easily be kept in a pocket. It performs the basic functions: On/Off, Unlimited movements, Speed control and Focusing. In free line of sight the operational range is 100 - 200 meters. Stronger antennas are available. The small standard radio receiver with a top antenna is easily installed in the wheelhouse. External antennas available.

The remote control is designed to operate in moist and wet conditions, to withstand heat, coldness, shocks and vibrations.



First Class References

Since first delivery in 1996 many, many mariners have experienced the ColorLight technology. We enjoy positive and rewarding feedback from professional mariners who know what to require from safety equipment that must withstand really rough conditions. The ColorLight searchlights are onboard more than 25 different types of vessels, from 12 m SAR to huge cargo and tankers.



Product Range



CL02-11



CL02-12



CL02-22



CL03-11



CL03-12



CL03-22



CL04-02



Remote Control



Wireless Remote Control

Company Profile

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 searchlights, marketing and sales and of course final assembly safeguarding first-rate quality in products and functions. As our products are integral 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.

Color Light

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