Improving Light at sea

COLORLIGHT
A Searchlight – but also much more
Color Light AB is a provider of professional searchlights for the global maritime market, challenging the traditional searchlight market with new and better solutions.

We develop, market, sell and assemble searchlights from our location in Halmstad on the Swedish West coast, this since the start up 1998.

We are an independent business unit within Sunnex Lightning, part of Amplex Group - a Swedish enterprise with approx. 300 MEUR turnover and 1000 employees.

Our staff is dedicated, motivated, professional and are as well experts in light technology, searchlight applications, seamanship, system development, electronics, automation and system integration.

We serve many market segments within the maritime industry, the following pages will guide you through them and also point out some of the key benefits for you.
Our mission - *Improving Light at Sea*

Our starting point is always from the End User perspective. How we make the operation for you more efficient and easy to control, how we make sure the system always is functional when needed and how we increase the visibility around the vessel.

Also you as the owner of the vessel is really important to us so we put a lot of efforts in increasing energy efficiency using the latest technologies, manufacturing a high quality product using only premium materials in a modern robust construction. In the end this will lead to a low cost of ownership which is a good investment over time.

Finally, the installer of the system, our systems are plug and play. This to support a short installation time, easy to predict, for an urgent refit or for the forecasted new build project which is price sensitive in order to win the contract.

Being a future orientated solution provider; with high customer focus, high quality products and a service minded and professional staff we hope you will find our offers interesting. We look forward to work with you being a professional and demanding customer – this will help us develop even more.
Authority and Sea Safety vessels

COASTGUARD AND NAVY
North American, European and Asian coastguards and navy vessels are some of our important customers today. Operating offshore in the North Atlantic, Polar, Mediterranean, South Pacific, China Sea and Baltic Sea waters appreciating the light quality and controllability.

SAR, PILOT, POLICE AND FIREBOATS
A strong reference list with customers in the Swedish SSRS, Norwegian RS, Danish Danpilot, American NY Police, Russian Rosmorport Pilot, Chinese MSA, Dutch River Police and KNRM among many others. A compact and powerful solution with many supporting automatic functions for simplified control is some of the values appreciated.

RESEARCH
Norwegian, French, British and Chinese research vessels are great users of our solutions. The superior quality in combination with low distortion electronics make sure the searchlight equipment not is creating any unexpected distortions to the sensitive research equipment onboard. The most "silent" system in the market.
Authority and Sea Safety vessels

Some of the key values we offer is of great importance for you.

The Controllability. You work with your equipment frequently and it is important with an accurate, intuitive and user friendly control of your Searchlight. Sometimes you prefer the direct button and joystick control only, in other situations, an integrated external control solution is more valued. Sometimes you need a quick manoeuvre and next time you want a very slow and smooth movement. It is all there in our control system.

The performance. In some situations, the extreme illumination range is important, in other the wide beam is crucial for a successful intervention. The wide window of beam control in our system can go from wide flood to narrow spot, due to the dual head’s it is also possible to combine both range with wide illumination. You decide.

EMC – Electro Magnetic Capability is a measurement of how well your system can work in an environment with a lot of distortions but also the other way around, how much it disturbs the surrounding equipment. Our searchlight is the most silent in the market due the modern construction. This value is of high importance for vessels carrying sensitive equipment – GPS, radar, antennas, VHF and other even more sensitive research equipment.

Product Quality and Technical Service. Operating in an offshore environment we don't need to emphasize the importance of a system that always work when it is needed. We also know that every system sometimes fails, then an excellent and dedicated support and service is needed. This is a key value for us.
Industrial and Commercial

OFFSHORE SUPPLY AND CONSTRUCTION
A versatile worktool for both search and rescue operations as well as workarea and rescue zone illumination. Installation under bridge wings opens for possible rescue zone illumination due to the unlimited movement of the light heads. The optional automatic functions can be used to move the light to a preset fix position. The open protocol for external control opens for a high level of integration.

WINDFARM SERVICE
Many modern windfarm vessels today have found the values and benefits with a Colorlight solution. Long meantime between failures secures a high operational time for the vessels. The extraordinary light output in combination with the unlimited vertical movement supports a high versatility as a worklight all the way up to the turbines.

FACTORY TRAWLERS
Probably represent the most demanding customer segment. Most trawlers spend a lot of time at rough seas, in tough climate and stay out until the job is done. Light is an important tool for search and rescue but also for the operation. Our robust and high quality product can offer a combined search and rescue light, floodlight and thermal imaging solutions in one system.
Industrial and Commercial

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Versatility. You will benefit from a system that both is a lifesaving equipment on board but also can operate as a work tool for you. It might be a combination of a long range HID light with a wide beam LED-floodlight, or a combination of a thermal imager for having control of your gear without adding more control panels on the bridge or more equipment on the wheelhouse.

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Recreational

SUPERYACHTS
Our solutions are onboard the biggest and greatest superyachts today. Our future oriented control system is ready for anti-piracy and security solutions, the physical installation of the searchlights match well with the nice yacht designs.

MEGYACHTS
Tremendously nice and big yachts sailing in nice waters all over the globe is users of our solutions today. Our future oriented control system is ready for anti-piracy and security solutions, the physical installation of the searchlights match well with the nice yacht designs.

SAILING YACHTS
The really big sailing yachts have found a good installation hanging under the spreaders in the mast. A good support during dark passages and arctic exploring.
Recreational

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The Design. Being a part of a yacht the possibility to customize the system to match the overall design is important, colour or other surface treatment. The modern look of our equipment is made for standing or hanging upside/down under mast wings or other good location on board.

Versatility. You will benefit from a system that both is a lifesaving equipment on board but also can operate as an integrated part of your security platform, ready to support during a hostile attempt of intrusion. We work directly with system integrators that have made our solution an integrated part of their total concept.

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Product areas

POWERFUL HID LIGHT
CL38, CL35, CL25

High Intensity Discharge type of technology with reflector give range and light quality.

INTEGRATED THERMAL CAMERA
CLIR

An integrated Forward Looking Infrared Camera is a good support to the light. Available on any model (on new systems from factory).

POWERFUL LED LIGHT
CLED 3 SLX D, CLED 2 SLX C

Endurance and modularity are strong values for the CLED family.

POWERFUL AND COMPACT LED LIGHT
CLITE 2

The Game Changer. Powerful and compact LED. With or without IR.
Product Portfolio Overview

**CL3 SEARCHLIGHT**
- CLIR35/CLIR38
- CL35/CL38
- CLED 3 SLX D

**CL2 SEARCHLIGHT**
- CLOUD
- CLED/CL25/CLIR
- CLED/CL25
- CLIR20/25
- CLED 2 SLX C
- CL20/25
- CLITE 2 IR
- CLITE 2

**ELECTRONIC BOX**
- EB3GS CL/25/35/38
- EB3GS CL/25/35/38
- EB3GS CLED/CL20
- EB3GS CLite 2

IP66 (outdoor use)
230 VAC
IP22
230 VAC
IP22
24 VDC
IP22
24 VDC
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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 lifetime cost for the owner and improve visibility and functionality for the user.

Simply - Improving Light at Sea.

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