



# ST81 L

High power LED floodlight for decks, holds and seaports

The **ST81L** combines robust marine-grade construction with cutting-edge energy efficiency. Delivering up to 30,000 lm light output with only 4x 55 W, it provides outstanding illumination while reducing power consumption and operating costs – the ideal solution for energy-conscious ship operators and offshore installations. Its housing, made from seamless stainless steel with a durable powder coating, ensures maximum resistance against corrosion, vibration, and mechanical stress, including IP67 protection. Efficient, reliable, and built to last – available in several variants, such as multiple beam angles, gland options, different color temperatures, and many more features for your demands.

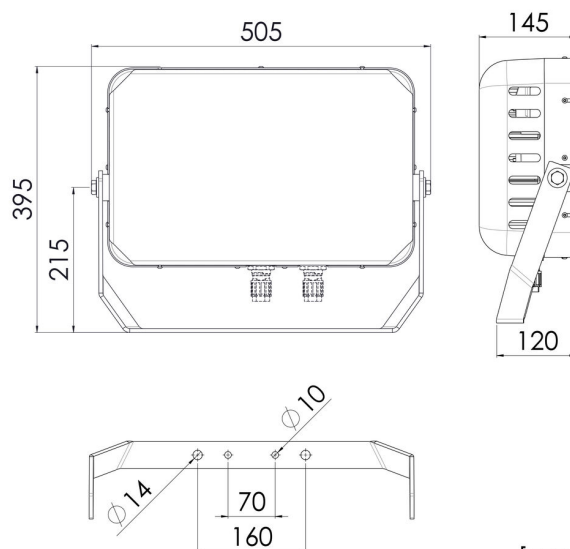
## Technical Details

Possible combinations of features and other options available on request. Please contact us for more information.

Luminaire Type	Floodlight
Input Voltage	120 - 277 VAC / 24 VDC
Area	Outdoor
Application	Cruise / Offshore / Naval / Commercial
Frequency	50-60 Hz / 0 Hz
Wattage	4x 50 W / 4x 55 W
Lumen Output	27000 lm / 30000 lm
Color Temperature	3000 K / 4000 K / 5700 K / 6500 K / Red / Green / Blue
CRI Color Rendering Index	80 / 90
Beam Angle	22° / 37° / 52° / 91°
Beam Direction	Up 90° and Down 90°
Control Mode	Switchable / Dimmable / DALI

Cover / Diffusor	Tempered glass, DIN 12150, clear
Material of Housing	Polycarbonate / Stainless Steel 1.4004
Color of Housing / Ring	RAL / NCS colors
Type of Light Source	LED
Light Source Included	Yes
Cable Entry	Cable glands, Plastic / Brass, 1x / 2x M20
External Wiring	Ø 9 - 14 mm / Ø 6 - 13 mm
Type of Connection	1x / 2x IDC fast connector / connection cable / Terminal 3-pole / 5-pole, 2.5mm <sup>2</sup> / 4mm <sup>2</sup>
Mounting Type	Bracket
IP Class	IP66/67
Corrosion Class	C3L / CX VH
Ambient Temperature in °C	-40...+50
Features	Connection box / EMI-proof

## Images



[mm]