



ST81 L

High power LED floodlight for decks, holds and seaports

The **ST81 L** 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 ² / 4mm ²
Mounting Type	Bracket
IP Class	IP66/67
Corrosion Class	C3L / CX VH
Ambient Temperature in °C	-40...+50
Features	Connection box / EMI-proof

Images