VX-120

High-Powered LED Work Light for Marine, Wet and Austere Location Applications and Environments



120 W
~12,000 lm

9–32 VDC
Multi-volt input

IP69K
Sealed for spray-down

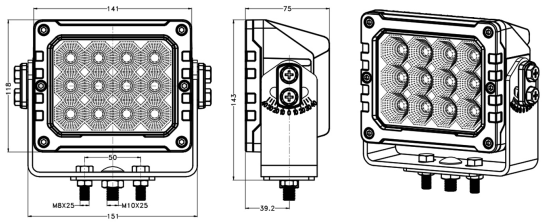
5700K
2200K low-glare option

The VX-120 is a 120W, 9–32 VDC LED work light that produces about 12,000 lumens from twelve 10W Osram LEDs. An ADC12 aluminum alloy housing, PC lens and 4mm 304 stainless steel bracket are rated IP69K and for vibration up to 60G, with a built-in Deutsch connector for a sealed, plug-in connection. Beyond deck and work lighting, the VX-120 is a strong fit as a brow light on tugs, workboats and other smaller vessels. A 2200K option is available for applications that require less glare.

TECHNICAL SPECIFICATIONS

Specification	VX-120
Rated Power	120 W
Input Voltage	9–32 VDC (multi-volt)
Luminous Flux	~12,000 lm
LED Source	12 × 10 W Osram LEDs
Color Temperature	5700K standard; 2200K option; custom CCT options available
Beam	Flood (~75°) standard; 10° spot optional
Ingress Protection	IP69K
Vibration	Up to 60G
EMC/EMI	CISPR 25 – Class 5
Operating Temp.	−45°C to +85°C (−49°F to +185°F)
Materials	PC lens; ADC12 aluminum alloy housing; 4 mm 304 stainless steel bracket
Mounting Bolts	M8 × 25 (2 pcs) and M10 × 25 (1 pc)
Connector	Built-in Deutsch connector
Dimensions (W × H × D)	141 × 118 × 75 mm (5.55 × 4.65 × 2.95 in); 151 mm (5.94 in) wide at bracket
Warranty	3 years

DIMENSIONS (mm)



HOW TO ORDER

VX-120	57K	FL
Model	CCT	Beam

CCT: 57K = 5700K (standard); 22K = 2200K (option); custom CCT available
Beam: FL = ~75° flood (standard); SP = 10° spot
Example: VX-120-22K-SP is a 2200K, 10° spot VX-120

2200K LOW-GLARE OPTION



VX Series fixture at 2200K: warm, low-glare light for brow and deck use.