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The **SM12316 LED Work Light** delivers powerful 48W illumination with 16 high-intensity 3W LEDs. EMC approved for reliable operation, available in Flood 60° for wide-area coverage or Spot 30° for long-distance visibility. The sturdy die-cast aluminum housing with PMMA lens ensures impact resistance and superior optical clarity in the toughest environments.

Featuring **IP67 waterproof** protection, 6000K color temperature, and ultra-wide DC 10-30V voltage compatibility. Current draw of 3.8A at 12V and 1.9A at 24V for efficient power management. The compact square design (108mm side, 135mm with bracket, 64mm thick) fits tight spaces on trucks, construction vehicles, agricultural machinery, off-road vehicles, and marine applications. Extra-long lifetime LEDs backed by our IATF 16949 certified manufacturing.

OEM / ODM Ready (MOQ 500 units): Custom logo, packaging, cable length, and beam patterns. Supported by our IATF 16949 & ISO 9001 certified factory with 18+ years of experience. Defect rate below 0.2%, 100% on-time delivery.

Technical Specifications

Parameter	Specification
Product Model	SM12316
LED Configuration	16 × 3W High-Intensity LEDs (48W Total)
Beam Options	Flood 60° / Spot 30°
Color Temperature	6000K
Housing Material	Sturdy Die-Cast Aluminum Housing
Lens Material	PMMA Lens
Side Length	108mm (Square)
Height with Bracket	135mm
Thickness	64mm
Operating Voltage	DC 10 V - 30 V (Wide Range)

Parameter	Specification
Current Draw	3.8A @ 12V / 1.9A @ 24V
Certifications	EMC Approved
Ingress Protection	IP67 Waterproof
Warranty	3 Years
Customization (MOQ 500 Units)	Custom Logo, Packaging, Cable Length, Beam Patterns
Manufacturer Certifications	IATF 16949, ISO 9001, ECE R65, SAE, EMC, ECE R148, REACH, RoHS, CE, UKCA, IP69K, IP66, IP67, ICAO, CISPR 25

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Why Choose Sumbexauto

Advantage	Detail
Manufacturing Experience	18+ Years
Quality Certification	IATF 16949 & ISO 9001
Defect Rate	Below 0.2%
On-Time Delivery	100%
Warranty	Up to 3 Years
R&D Capability	6-8 New Designs per Year, Over 100 Patents
OEM / ODM	Fast Response, Custom Logo, Packaging & Specifications
Testing Equipment	Lumen, Aging, UV, High-Low Temp, Waterproof, Vibration