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The **SM12306 LED Work Light** delivers powerful 42W illumination with 14 high-intensity 3W LEDs. Available in Flood 60° for wide-area coverage or Spot 30° for long-distance visibility, this compact work light is built for the toughest environments. The sturdy die-cast aluminum housing with PMMA lens ensures impact resistance and superior optical clarity.

Featuring **IP67 waterproof** protection, 6000K color temperature, and ultra-wide DC 10-30V voltage compatibility, the SM12306 performs reliably in all conditions. The compact round design (115mm diameter, 136mm with bracket, 72mm 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	SM12306
LED Configuration	14 × 3W High-Intensity LEDs (42W Total)
Beam Options	Flood 60° / Spot 30°
Color Temperature	6000K
Housing Material	Sturdy Die-Cast Aluminum Housing
Lens Material	PMMA Lens
Diameter	115mm (Round)
Height with Bracket	136mm
Thickness	72mm
Operating Voltage	DC 10 V - 30 V (Wide Range)

Parameter	Specification
<b>Ingress Protection</b>	IP67 Waterproof
<b>Warranty</b>	<b>3 Years</b>
<b>Customization (MOQ 500 Units)</b>	Custom Logo, Packaging, Cable Length, Beam Patterns
<b>Manufacturer Certifications</b>	IATF 16949, ISO 9001, ECE R65, SAE, EMC, ECE R148, REACH, RoHS, CE, UKCA, IP69K, IP66, IP67, ICAO, CISPR 25

### Download Datasheet (PDF)

Click the button, then select "Save as PDF" in the print dialog to download.

## Why Choose Sumbexauto

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