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The **SM817S/SC Heavy Duty Warning Beacon** delivers powerful 360-degree warning visibility with 16 high-power 3W LEDs. Available in Amber (SM817S) and White (SM817SC), both models are SAE J845 Class 1 certified and E9 approved with EMC compliance. 8 selectable flash patterns provide flexibility for any safety protocol across global markets.

Built for the toughest environments, this beacon features **IP66 waterproof** protection, DC 12-48V wide voltage compatibility, and a heavy-duty aluminum mount with permanent single bolt or 3-bolt installation options. Compact dimensions of 166×74mm (dome: 136×54mm) and reliable operation from -30°C to +50°C make it ideal for trucks, construction vehicles, mining equipment, agricultural machinery, and heavy-duty industrial applications.

**OEM / ODM Ready (MOQ 500 units):** Custom logo, packaging, cable length, and flash 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 Series	SM817 Heavy Duty Warning Beacon
Available Models	SM817S (Amber) / SM817SC (White)
LED Configuration	16 pcs × 3W High-Power LEDs
Flash Patterns	8 Selectable Patterns
Operating Voltage	DC 12 V - 48 V (Wide Range)
Certifications	SAE J845 Class 1, E9 Approved, EMC
Dimensions (H × D)	166mm × 74mm (Dome: 136mm × 54mm)
Ingress Protection	IP66 Waterproof
Operating Temperature	-30°C to +50°C
Mount Type	Heavy Duty Aluminum Mount

Parameter	Specification
<b>Mounting Options</b>	Permanent Single Bolt or 3 Bolts
<b>Warranty</b>	<b>3 Years</b>
<b>Customization (MOQ 500 Units)</b>	Custom Logo, Packaging, Cable Length, Flash 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)

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## 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