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The **SM816C Heavy Duty Warning Beacon** delivers powerful 360-degree warning performance with 16 high-power 3W LEDs. SAE J845 Class 1 certified, E9 approved, and EMC compliant, this beacon meets the most stringent global safety standards for heavy-duty applications. Featuring 8 selectable flash patterns, **IP66 waterproof** protection, and wide DC 12-48V voltage compatibility.

The compact cover measures 136×127mm with overall dimensions of 136×146mm. The heavy duty aluminum mount ensures superior heat dissipation and durability, with permanent single bolt or 3-bolt installation options. Ideal for trucks, construction vehicles, mining equipment, agricultural machinery, and emergency response units. Operates reliably from -30°C to +50°C.

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 Model	SM816C
Product Type	Heavy Duty Warning Beacon
LED Configuration	16 × 3W High-Power LEDs
Flash Patterns	8 Selectable Patterns
Cover Dimensions	136mm × 127mm
Overall Dimensions	136mm × 146mm
Operating Voltage	DC 12 V - 48 V (Wide Range)
Certifications	SAE J845 Class 1, E9 Approved, EMC
Ingress Protection	IP66 Waterproof
Mount Type	Heavy Duty Aluminum Mount

Parameter	Specification
Mounting Options	Permanent Single Bolt or 3 Bolts
Operating Temperature	-30°C to +50°C
Warranty	3 Years
Customization (MOQ 500 Units)	Custom Logo, Packaging, Cable Length, Flash Patterns
Manufacturer Certifications	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
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