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The **SM817A / SM817AC Heavy Duty Warning Beacon** delivers commanding visibility with 16 high-power 3W LEDs in a rugged, all-metal construction. SAE J845 Class 1 certified and E9 approved with EMC compliance, it offers 8 selectable flash patterns for maximum adaptability on trucks, construction vehicles, mining equipment, agricultural machinery, and emergency response units.

Available in two configurations — **SM817A** with 16 Amber LEDs for classic warning performance, and **SM817AC** with dual-color 8 Amber + 8 White LEDs for enhanced versatility. Both models feature DC 12-48V wide voltage compatibility, IP66 waterproof protection, and a heavy-duty aluminum mount with permanent single bolt or 3-bolt installation options. Operating temperature range from -30°C to +50°C ensures reliable performance in extreme conditions.

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	SM817A (16 Amber) / SM817AC (8 Amber + 8 White Dual Color)
LED Configuration	16 pcs × 3W High Power LEDs
Flash Patterns	8 Selectable Patterns
Operating Voltage	DC 12 V - 48 V
Certifications	SAE J845 Class 1, E9 Approved, EMC
Ingress Protection	IP66 Waterproof
Operating Temperature	-30°C to +50°C
Mount Type	Heavy Duty Aluminum Mount
Mounting Options	Permanent Single Bolt or 3 Bolts
Warranty	3 Years
Customization (MOQ 500 Units)	Custom Logo, Packaging, Cable Length, Flash Patterns

Parameter	Specification
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