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The **SM817H Heavy Duty Warning Beacon** delivers commanding 360-degree warning performance with 24 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 127×152mm with an overall height of 170mm on a 172mm heavy duty aluminum mount. Permanent single bolt or 3-bolt installation options provide flexible mounting. The all-aluminum construction ensures superior heat dissipation and durability in the toughest environments. Operates reliably from -30°C to +50°C. Ideal for trucks, construction vehicles, mining equipment, agricultural machinery, and emergency response units.

**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	SM817H
Product Type	Heavy Duty Warning Beacon
LED Configuration	24 × 3W High-Power LEDs (72W Total)
Flash Patterns	8 Selectable Patterns
Cover Dimensions	127mm × 152mm
Overall Height	170mm (Aluminum Mount: 172mm)
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
<b>Mounting Options</b>	Permanent Single Bolt or 3 Bolts
<b>Operating Temperature</b>	-30°C to +50°C
<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