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The **SM819 Series Mini Beacon** delivers professional-grade warning performance in a compact, ultra-durable design. All 5 models feature 36 high-intensity LEDs, ECE R65 TA2 and ECE R10 certified, with SAE J845 Class 1 compliance — meeting the most stringent global safety standards for emergency and utility vehicles.

Engineered for extreme environments, each beacon features **IP6K9K** protection — fully dust-tight and steam-jet proof — with multiple seals against moisture and dust. The heavy duty aluminum mount draws heat away from LEDs while the PC lens provides impact resistance. An **automatic light sensor** adjusts brightness for day and night operation. Available in 5 mount types: flexible pipe (AC, 142mm), single bolt (EC, 96mm), strong magnet (HC, 55mm), flexible & permanent (IC, 165mm), and 3-bolt compact (PC, 46mm). All operate on DC 12-24V from -30°C to +50°C.

SM819 Series Models (Cover: 93×33mm | 36 LEDs | ECE R65 TA2/R10 | SAE J845 | IP6K9K)

Model	Mount Type	Height	Certification	Voltage
SM819AC	Flexible Pipe Mount	142mm	ECE R65 TA2, SAE J845	DC 12-24V
SM819EC	Single Bolt Mount	96mm	ECE R65 TA2, SAE J845	DC 12-24V
SM819HC	Strong Magnet Mount	55mm	ECE R65 TA2, SAE J845	DC 12-24V
SM819IC	Flexible & Permanent Mount	165mm	ECE R65 TA2, SAE J845	DC 12-24V
SM819PC	3 Bolts Mount (Compact)	46mm	ECE R65 TA2, SAE J845	DC 12-24V

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 (All Models)

Parameter	Specification
Product Series	SM819 Mini Beacon (5 Models)
LED Configuration	36 High-Intensity LEDs
Cover Dimensions	93mm × 33mm (All Models)
Heights	AC:142 / EC:96 / HC:55 / IC:165 / PC:46 (mm)
Housing Material	Heavy Duty Aluminum Mount + PC Lens
Auto Light Sensor	Yes — Automatic Day and Night Mode Adjustment
Sealing	Multiple Sealed Against Moisture and Dust
Operating Voltage	DC 12 V - 24 V
Certifications	ECE R65 TA2, ECE R10, SAE J845 Class 1
Ingress Protection	IP6K9K (Dust-Tight, High-Pressure / Steam-Jet Proof)
Operating Temperature	-30°C to +50°C
Mount Options	Flexible Pipe / Single Bolt / Strong Magnet / Flexible & Permanent / 3 Bolts
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

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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