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The **SM601A-46 46" Strobe Light Bar with Controller Box** delivers commanding emergency warning with 26 heads × 9 LEDs — a total of 234 high-intensity LEDs. ECE R65 TA2, ECE R10, SAE J845 Class 1, and CISPR 25 Class 3 certified, it meets the most stringent global safety and EMC requirements for emergency and utility vehicles.

Featuring 51 selectable flash patterns with memory function and external controller box operation, this light bar adapts to any traffic control protocol. The **IP67 waterproof** rating and durable diamond-patterned PC lens with aluminum panel ensure reliable performance in the harshest conditions. Wide DC 12-24V compatibility makes it ideal for emergency vehicles, tow trucks, construction equipment, utility fleets, and heavy-duty applications.

**Controller Box Included:** External controller for easy flash pattern selection and memory recall. 51 selectable patterns for maximum traffic control versatility.

**OEM / ODM Ready (LOW MOQ):** 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     | SM601A-46                                    |
| Product Type      | 46" Strobe Light Bar with Controller Box     |
| LED Configuration | 26 Heads × 9 LEDs = 234 High-Intensity LEDs  |
| Flash Patterns    | 51 Selectable Patterns                       |
| Memory Function   | Yes - Recalls Last Pattern After Power Cycle |
| Operation         | External Controller Box                      |
| Housing Material  | Diamond-Patterned PC Lens + Aluminum Panel   |

| Parameter                   | Specification                                                                                               |
|-----------------------------|-------------------------------------------------------------------------------------------------------------|
| Operating Voltage           | DC 12 V - 24 V                                                                                              |
| Certifications              | ECE R65 TA2, ECE R10, SAE J845 Class 1, CISPR 25 Class 3                                                    |
| Ingress Protection          | IP67 Waterproof                                                                                             |
| Warranty                    | 3 Years                                                                                                     |
| Customization (LOW MOQ)     | 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 |