INDUSTRIAL & TRAFFIC SAFETY SOLUTIONS

Solar Flashing LED Barricade Beacon Light

High-Intensity Warning Beacon | Amber Lens | Dusk-till-Dawn Auto Sensing

MUTCD TYPE B

SOLAR POWERED

BEACON DIAMETER	ILLUMINATION COLOR	BATTERY CAPACITY	OPERATING MODE
18.5 cm / 7.3"	Amber	2x 2000 mAh	Dusk till Dawn

PRODUCT OVERVIEW

The **Solar Flashing LED Barricade Beacon Light** is a rugged, autonomous hazard identification unit designed for heavy-duty traffic control, road construction, perimeter fencing, and hazard warning. Fully compliant with **MUTCD Standard Type B** high-intensity warning beacon requirements, this beacon features a high-visibility 18.5 cm (7.3") impact-resistant polycarbonate (PC) lens paired with a durable polypropylene (PP) base. Operating automatically from dusk till dawn via an integrated photocell, it powered by high-efficiency solar cells charging twin 2000mAh lithium rechargeable batteries, ensuring long-lasting strobe flash performance without requiring external wiring or frequent battery replacements.

TECHNICAL SPECIFICATIONS

PARAMETER & DETAILED SPECIFICATIONS	
Product Type	Solar Flashing LED Barricade Beacon Light
Compliance Standard	**MUTCD Standard Type B** (High-Intensity Flashing Warning Light)
LED Color / Wavelength	Amber (High-Output Warning Amber)
Lens Diameter	**18.5 cm / 7.3 inches**
Materials Construction	Polycarbonate (PC) Lens, Polypropylene (PP) Base
Power Supply	Top-Mounted High-Efficiency Solar Panel
Battery Configuration	**2x 2000mAh Lithium Rechargeable Batteries** (4000mAh Total Capacity)
Operating Mode	Photocell Control (Dusk till Dawn Auto Activation)
Functional Modes	**Strobe Flash — OFF** (Manual Master Switch Control)
Ingress Protection Rating	IP65 (Fully Weatherproof, Dustproof, Waterproof)
Visibility Range	Up to 800+ Meters (Nighttime Clearance)
Mounting Compatibility	Standard Barricades, Traffic Cones, Delineators, Guardrails, and Posts

KEY PERFORMANCE FEATURES

MUTCD Type B Standard Compliance

Engineered to deliver high-intensity amber strobe flashes required for high-speed highway zones and critical construction barricades.

Dual Li-Battery Extended Runtime

Dual 2000mAh lithium batteries store ample solar energy during daylight to guarantee continuous multi-night flashing even during overcast weather.

Autonomous Dusk-till-Dawn Sensor

High-Impact Industrial Build

Integrated photocell automatically turns the strobe on at nightfall and off at daylight break to optimize battery usage and zero maintenance.

UV-stabilized Polycarbonate (PC) optic lens and heavy-duty Polypropylene (PP) base withstand severe weather conditions, vibrations, and accidental impacts.

Operational Guidelines & Installation Note

Before initial deployment, ensure the master toggle switch is set to the "Strobe Flash" position and place the unit under direct sunlight for 6-8 hours to achieve full battery charge. Photocell will automatically govern dusk-to-dawn illumination once activated.

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Product Category: Solar Warning Beacons / Barricade Lights

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