

TECHNICAL SPECIFICATIONS

Brand	BBIER
Housing Material	Black Metal / Aluminum Housing
Operating Voltage	12V DC
Beacon Size	8" Diameter
LED Color Options	Yellow (Amber) / Red
Flash Pattern	Single Flash
Solar Panel	15W / 18V
Battery	12V / 7200mAh
Control Box Size	15" x 13.75" x 1.75"
Working Mode	24/7 or Dusk to Dawn
Shipping Weight	5.5 KG
Warranty	1 Year Limited Warranty

PRODUCT OVERVIEW

The **BBIER Solar-Powered 8" LED Warning Beacon** is a heavy-duty, grid-independent traffic and safety signaling system. Combining a premium 15W solar collector, high-capacity battery storage, and an ultra-bright LED head, this fixture ensures reliable operations in demanding environmental conditions.

KEY FEATURES

- **Solar Autonomy:** Fully integrated 15W panel charges the 12V 7200mAh battery pack, ensuring continuous operation without external power grids.
- **Rugged Build:** Corrosion-resistant black metal aluminum housing protects inside electronics and withstands impacts.
- **Intelligent Photocells:** Smart automated controller switches easily between steady 24-hour operation and energy-saving Dusk-to-Dawn schedules.
- **High-Visibility Optics:** Distinctive single-flash frequency optimized for critical safety warning and high-hazard identification.

Logistics & Support

Quick Reference

Unit Net/Shipping Weight:	5.5 KG
Factory Warranty Coverage:	1 Year Warranty
Enclosure Ingress Protection:	Outdoor Rated

TYPICAL APPLICATIONS

- Road construction zones & work-site warning signaling.
- Pedestrian crosswalk safety and school zone alerts.
- Heavy industrial plants, mining, and warehouse hazard warnings.
- Off-grid perimeter signaling and remote gate entries.

OPERATION GUIDE & SETTINGS

- **24/7 Continuous Mode:** The beacon flashes continuously regardless of environmental ambient lighting conditions.
- **Dusk-to-Dawn Mode:** Built-in photodiode sensor automatically enables the flash pattern during night hours and powers down at daylight.

BBIER® LIGHTING CO., LTD.

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