

SOLAR TRAFFIC BLINKER

"From Sun to Safety – Every Blink Matters"



ALCOLite

TECHNICAL SPECIFICATION

Material	Polycarbonate (PC) engineering plastic, vandal resistance metal covering , high quality weatherproof construction for long durability
Light- Emitting area size	300mm-500mm
LED Quantity	Super bright LED with minimum 140 pc-200 pc
Total LED power	8 W approximately
LED wavelength	950 nm ± 5m
LED luminance	> 800 - 1000 mcd
LED lifespan	> 12000 hours
LED colour	Red/Amber
Working mode	24 hours continuous working or light-sensor control
Flashing frequency	40 - 60 times / minutes, except special requirement
Visibility	> 1000 meter
Battery	12.8v-14.8v LiFeO4 Battery/lithium Battery
Battery Charger	Microprocessor-based Battery Charger
Solar panel	18 V /8W
Wind load resistance	> 2km/m ²
Working temperature	-10°C to +90°C
Protection	IP68
Controller circuit	Micro-controller circuit

ALCOLITE INDIA ROAD SAFETY PVT. LTD.

Registered Office : H-14, DSIIDC Industrial Complex, Udyog Nagar, Rohtak Road, Nangloi, Delhi-110041

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KEY FEATURES & BENEFITS

- ✓ **Easy Installation** – No electrical wiring required.
- ✓ **Cost-Effective** – Saves installation & maintenance cost.
- ✓ **Safe & Reliable** – No electric shock hazards.
- ✓ **Long-Lasting** – Low power consumption, durable design.
- ✓ **Highly Visible** – Super bright LEDs in all weather.
- ✓ **Eco-Friendly** – 100% solar-powered.
- ✓ **Versatile** – Works in extreme temperatures & high wind.
- ✓ **Maintenance-Free** – IP68 protection for durability.



APPLICATION AREAS

Solar blinker traffic lights are designed to improve road safety in critical areas.

Ideal for:

- Accident-Prone Zones
- School Zones & Pedestrian Crossings
- Construction & Under-Construction Sites
- Road Dividers, Black Spots & Sharp Curves

WHY CHOOSE OUR SOLAR BLINKER TRAFFIC LIGHTS?

- ✓ Boost safety at critical points and high-risk zones.
- ✓ Provide clear, highly visible warnings to drivers to help prevent accidents.
- ✓ An ideal solution for both permanent installations and temporary traffic management.
- ✓ Get a reliable, low-maintenance solution that saves money on installation and operation.



Sizes Available : 100mm | 200mm | 300mm | 400mm

Outer Casing : Metal/ Polycarbonate