

30" SOLAR POWERED FLASHING CROSSWALK SIGN



- Our bright LED flashing Crosswalk Sign is part of a solar traffic safety series
- This sign's bright flashing LED lights and reflective 3M material can be seen from over 2500ft and makes for a great addition for safety pertaining to reducing speed ahead
- Made with an aluminum alloy board and solar board to MUTCD (W11-2) specifications
- Sign has a rechargeable battery and mountable solar panel that makes this product energy efficient and easy to use in locations where there is sunlight

PRODUCT APPLICATIONS

Flashing Crosswalk Traffic Safety Sign can be used on streets, in parking lots and more. Since these are solar powered, they can be used anywhere there is sun light. This product is very simple to install and use.

INCLUDES:

- SIGN
- SOLAR PANEL, SOLAR PANEL & INTERNAL BATTERY BACKUP
- MOUNTING HARDWARE

DOES NOT INCLUDE POLE

PRODUCT SPECIFICATIONS

PRODUCT CODE: CCRS002-030
MUTCD: W11-2 Pedestrian Crossing Sign
TYPE: 30" Solar Flashing LED Crosswalk Traffic Safety Sign
SOLAR CHARGING PANEL: 15W/18V
FLASH PATTERN: MUTCD Single Flash
BATTERY: Lithium battery 12V/7200mAH
WORKING MODE: 24/7 or Bluetooth controlled via 'TT Solar' Android App (Timer and Dimming Function)
SIGN COLOR: Engineer grade yellow or Diamond Grade Fluorescent Yellow/ Green
VISIBLE DISTANCE: >2500 feet
WORKING TIME: After one full charge, 5-7 consecutive days
BATTERY LIFE SPAN: 3-5 Years
DIMENSIONS:

SIGN: 30-inch Diamond (30"x30")

CONTROL BOX: 13.75" x 12" x 1.75"

WARRANTY: 3 Year Full Warranty

APPLICATIONS: Streets, Parking Lots and more

STANDARD HARDWARE: FITS 3" to 4" DIAMETER POSTS



*See page 6-10 for symbol design.

	A	B	C	D	E
	18	.375	.625	8	1.5
	24	.375	.625	11	1.5
C	30	.5	.75	13.5	1.875
	36	.625	.875	16	2.25
	48	.75	1.25	22	3

COLORS: SYMBOL — BLACK
 BACKGROUND — YELLOW (RETROREFLECTIVE)

MUTCD GUIDELINES

The CCRS002-030 adheres to the MUTCD Standards found within MUTCD Guidelines Section 2A.07 for Retroreflective and Illumination

- Illumination of a sign by Light emitting diodes (LEDs)
- Sign Element to be Illuminated: (1) Symbol or word message (2) Portions of the Sign border
- LED's are placed within 1 border unit of border and within words
- LED's are amber in color
- LED's are within 1/4" in width
- LED's flashing at a rate of 50 times per minute
- Background of sign is standard 3M reflective engineering grade material

FREQUENTLY ASKED QUESTIONS

Q: What is the difference between Engineer Grade and Diamond Grade?

A: Engineer Grade sheeting comes standard on the sign and uses glass beads or prismatic optical technology to reflect light. The Engineer Grade sheeting we offer will be a standard yellow color. The Diamond Grade sheeting option offers superior reflectivity for short and long distances and will come in a Fluorescent-Yellow sheeting.

Q: Would any pole work with this sign?

A: We offer hardware that fits up to a 4" round pole for our Legacy series flashing signs. Our new slim line, Helios Series does not come with hardware, but BOTH styles are easy to install and compatible with any standard traffic post (Telspar, u-channel, round straight, etc.).

Q: Can the sign be AC powered?

A: Yes! It can be either AC or Solar with Solar power being our most popular and standard stock option.

Q: Do you have a video of the sign operating?

A: Yes, we have several set-up and un-boxing videos on our YouTube channel and under the product listing on our website.

Q: Where is the connector cord on the sign?

A: The connector cord comes out from the top/side of the sign unit.

Q: What is the operational expectancy for each sign series?

A: Both our sign series solar versions are expected to operate fully for 3-5 years (depending on environment and usage). The solar panel/control box then can be replaced to give the sign an additional 3-5 years working expectancy.

Q: Can I order a custom sign?

A: We offer custom signs on both our Legacy signs and Helios Series.

INSTALLATION:

Q: Do the solar panel/control boxes work immediately or do they have to charge up first?

A: Like all solar products, they are made with a rechargeable battery that will need to be laid in bright sunshine to obtain an initial charge before operation. Once the control box has been charged for 2 full sunny days, it can be activated for use with the traffic sign.

Q: Where is the solar panel mounted?

A: We recommend mounting it as high as you can on your signpost facing optimal sunlight and best distance to connect to the sign.

Q: How easy is it to hook up the solar powered signs?

A: Very easy! Our solar LED signs are designed to be “plug and play” with minimal set-up. After the solar control box has completed its initial charge, the sign and control box can be installed. Then the 2 cords connect and are good to operate from there.

OPERATION:

Q: Can this sign be turned on and off with an app or laptop?

A: Yes. We offer an app for Android users that can operate the sign’s solar control box via Bluetooth app with on/off functions, timer options and dimming options. It must be a device that supports APK files, and the user must be within 55ft to manage changes.

Q: Does the solar sign have an App for iPhone/iOS?

A: No, only Android/APK file compatible devices for now. We are in development for an iOS/iPhone app. The standard solar box that accompanies this product will operate 24/7 factory standard, and any adjustments can only be made with the Android (APK) app.

Q: Does the solar sign shut off in the daytime?

A: Standard operation for the solar Bluetooth control box will be 24 hours unless adjusted within the Android phone/tablet app.

Q: Can I program it to function at specific times or just come on after dark?

A: The functionality and operation times can be adjusted with the programmable timer via the free Android app.

Q: What flash pattern does the sign use?

A: The sign features a single-pulse flash pattern within the MUTCD frequency requirements of 50 to 60 flashes per minute to avoid epileptic issues and other optical issues.