

Crosswalk Illuminator

FLASHING SIGN SYSTEM



Crosswalk Illuminator for Push-2-Cross Systems

TraffiCalm Systems is working with our customers to reduce the number of crashes at mid-block crossings. Poor lighting conditions can reduce visibility at crosswalks, contributing to safety issues. The US Federal Highway Administration (FHWA) has designated crosswalk lighting as a proven safety countermeasure that can reduce pedestrian crashes by up to 42%. TraffiCalm has developed a Crosswalk Illuminator that can easily be added to its Pedestrian Push-2-Cross Systems with Rectangular Rapid Flashing Beacons (RRFBs) and/or Flashing Pedestrian Crossing Signs.

A Crosswalk Illuminator on each pole, forward-facing in the crosswalk, will illuminate the crosswalk and pedestrians when the system is activated by a push-button or sensor. The lighting will remain steady-on for the entire duration of the flash cycle of the RRFBs and Flashing LED Signs. The system meets all FHWA luminance requirements and will not create a silhouette effect on the pedestrian.

FEATURES

Meets FHWA Illuminance Requirements for Crosswalks

TraffiCalm Crosswalk Illuminators have 900 lumens and exceed FHWA crosswalk illumination requirements to have a vertical illuminance level in the crosswalk of 20 lux, measured at a height of 1.5 meters (5 feet) from the road surface. Each illuminator controller or collaborator has a sensor to measure the amount of ambient light. The crosswalk illuminator is only illuminated during nighttime conditions.

Compatible with all TraffiCalm Intelligent Controllers and Collaborators

Easy plug-n-play compatibility with TraffiCalm Push-2-Cross Systems. The illuminators are pedestrian or sensor activated and are compatible with all major manufacturers piezo push buttons and APS Audible/Talking mid-block push buttons.

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SPECIFICATIONS

■ Illumination

12W outdoor waterproof LED floodlight

900 lumens; 80CRI, 2700K, 9-15V AC/DC

12 volts DC

Exceeds SAE J595 class 1 intensity

Meets SAE J578 for chromaticity

LED rated lifetime of 50,000 hours

■ Compatibility

Crosswalk Illuminators are compatible with all TrafficCalm® Intelligent Controllers and Collaborators

MUTCD and FHWA compliant

When selected and triggered by a button push, the TrafficCalm Controller and Collaborators will energize their radar port power outputs to activate the Crosswalk Illuminator if the ambient light sensing indicates it is dark for the duration of the RRFB flashing run time.

TrafficCalm® Crosswalk Illuminator, Push-2-Cross Systems, and RRFBs are pedestrian or sensor-activated and are compatible with all major manufacturers piezo push buttons and APS audible/talking mid-block push buttons. Touchless push-button options are also available.

■ Construction

Dimensions: 4.72" l x 1.28" w x 2.95" h (12.07cm x 3.25cm x 7.49cm)

Heavy-duty die-cast powder-coated aluminum housing in dark bronze with a polycarbonate lens

Weight: 15.1 oz (428.08 g)

UV resistant

Mount: 1/2 knuckle mount. TrafficCalm pan/tilt mount

■ Environmental

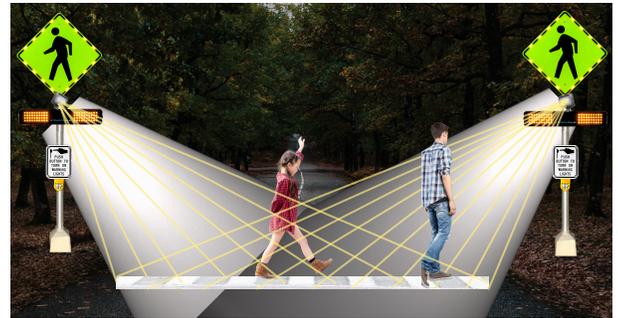
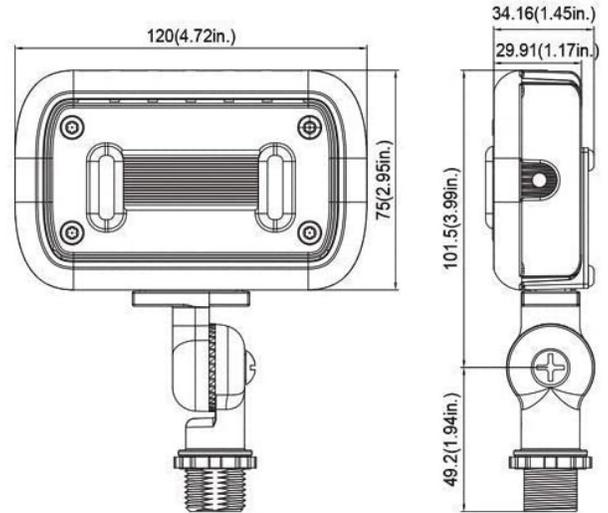
Waterproof: IP66 rated

-40°F (-40°C) to 165°F (74°C)

■ Warranty and Service

5-year limited warranty

Unlimited technical support from US based factory technicians



ADA Compliant PushButton and Frame with sign



Rectangular Rapid Flashing Beacons



Crosswalk Illuminator M75-SA314-0000



SA300 Controller / Collaborator