



Electronic Road Safety Systems

SicurLed Pedestrian Crossing

A high percentage of fatal accidents on pedestrian crossings happen at dusk and during the hours of darkness.

Therefore, it is essential to effectively signal and illuminate pedestrian crossings to encourage the pedestrian to use them.



The new system for signalling and illuminating **SicurLed pedestrian crossings** illuminates pedestrians with a positive contrast and a high vertical illumination, in compliance with standard EN 13201.

The backlit signal, in compliance with standard EN 12899 class L2, with the help of the "active" flashing light system, helps motorists to see pedestrian crossings and pedestrians more easily.

The **Active System** varies the light level on the pedestrian crossing whenever a pedestrian begins to cross.

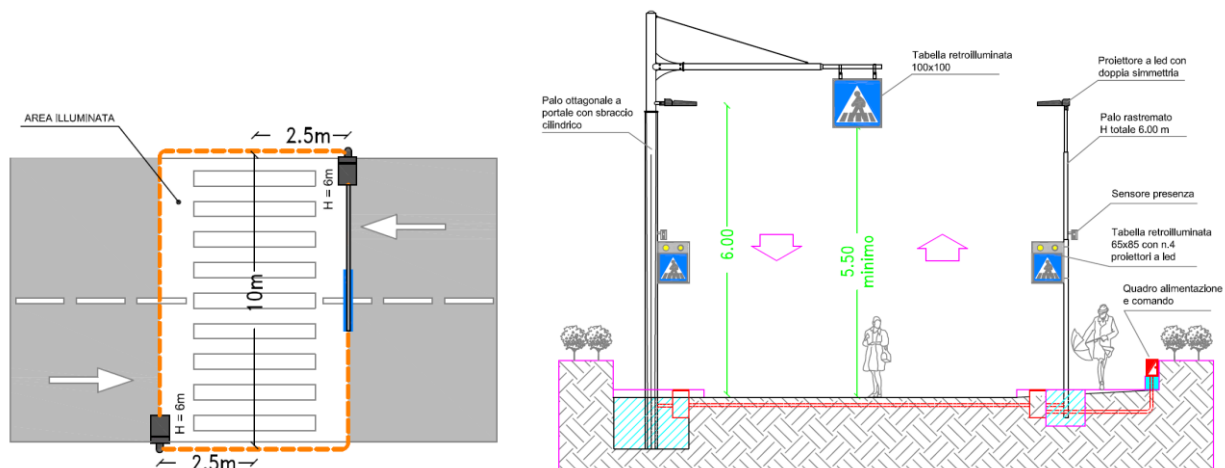


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SicurLux LED lighting in grey RAL 7040 die-cast aluminium, with 5mm tempered protective glass and dedicated LED asymmetric optic complying with standard EN 13201, significantly improves vertical illumination to give pedestrians high levels of visibility.

With 25/50 LEDs with a life of over 100,000 hours; colour temperature 4000/5,500°K; total flow 4700/8700lm; protected with an internal fuse; IP66 protection level; input voltage 100÷277VAC; insulation class II; consumption 55/85/105W; with adjustable attachment for Ø60mm post; height of installation 6m.



SicurLed 90 backlit LED Pedestrian Signal formed of a 650xH650mm w30mm aluminium box with pedestrian crossing figure coated in Diamond Grade and Translucent highly reflective film, uniform LED backlighting in compliance with standard UNI EN 12899 with laser perforated 12VDC LED white polycarbonate plate with a minimum life of 50,000 hours, 1147cd/sq.m luminance on 4 sides and a consumption of 28.8W. With class II 230VAC-12VDC 5A power supply unit operating when the Public Lighting system is activated; operating temperature between -10°C and +55°C, in IP54 6.5kg casing, complete with attachments for flag mounting on a 60/90mm post.

Active Flashing Light System for pedestrian crossings is a highly effective system for highlighting danger (presence of pedestrian) only when actually necessary, avoiding the continuous flashing of the projectors even when there are no pedestrians, which makes road users "insensitive" to light signals.

The system is activated only when the pedestrian call button is pushed or when the sensor picks up one or more pedestrians on the edge of the crossing.

The ACTIVE flashing light system for pedestrian crossings is composed of:

- Dual sensor system (infrared and microwave) with a range of up to 12m and a 3° angle, and a pedestrian call button approved by the Ministry of Transport and Infrastructure.
- Timed radio-synchronised Flashing light with battery check.
- Wireless transmission system with a long-range remote control.
- LED Projectors, diam. 100/150/200, complies with standard UNI EN 12352 class L2H/L8H.
- 12VDC power supply with Solar Kit / Public Lighting Kit / 230VAC Kit.
- Coated sheet metal casing to hold and cable the control and power supply electronics, with a sensor connector and power supply connector (solar panel and cable to connect to Public Lighting or 230VAC grid). With double calliper on the rear for anchoring the system to a post.