

## SISTEMI PER LA GESTIONE DEL TRAFFICO - TRAFFIC CONTROL SYSTEM



### LUMINOUS BOARD FOR PEDESTRIAN CROSSING

#### GENERAL CHARACTERISTICS

Luminous board two-side with symbol of "pedestrian crossing" cm 100x100, complying to Code of the Road.

Structure in anodized aluminum 25/10 Silver colour with front panels in thermoformed Plexiglas, 3 mm thick.

Power supply 230 V AC complete with ceiling projectors with two Sodium High Pressure lamps 70 W, small sliding window for simple inspection.

Internal lighting with four fluorescent lamps 30 W with relevant reactors (one for each lamp, in order to assure the switching on of the other reactors in case one has burnt out). Complete with stainless steel collars for fastening the board to the pole, with swinging and adjustable system, for the horizontal positioning of the board.

Available with crepuscular device of the automatic switching on at sunset. **Electrical insulation Class II.**



Projector waterproof IP65. Body in aluminium extrusion. Asymmetric reflector in high purity aluminium oxidated and anodically polished. Electrical auxiliary room separate from optic room, the

electric auxiliaries are fixed on removable steel plate. Shockproof transparent closing crystal fixed on aluminium frame fixed to the body with closing hooks. Silicon gaskets. Bracket in painted aluminium. Stainless steel screws. Bracket and glass holder frame painting in black colour with epoxy polyester powders.

#### THE SPECIFIC IMPORTANCE OF ASYMMETRIC FLOW

The use of asymmetric reflector is necessary for having the highest safety both for pedestrians and for vehicles flow.

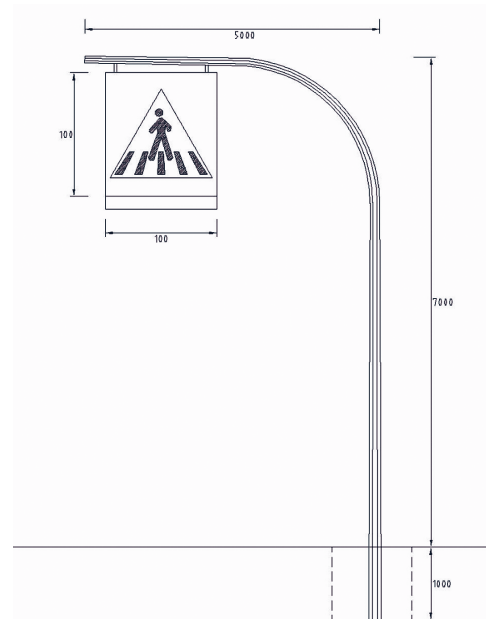
The luminous flux is diffused by slanting direction, and pedestrian is illuminated sideways, getting the maximum light contrast on the whole shape (and not only on upper extremities, as happens with a vertical light).

Asymmetric flux is oriented in the same direction of traffic flow, avoiding blinding glare of drivers (a danger for pedestrians who are crossing) and obtaining maximum comfort and minimum view effort for drivers.

#### INSTALLATION CONDITIONS

Setting aside the kind of road, the best solution is always to use one luminous sign with asymmetric projectors for each vehicular traffic lane (for example: on one road with one lane for each traffic direction, luminous signs will be two).

The minimum recommended lighting on zebra crossing is of 100 Lux at the ground.



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### ART. P/S/SLP

Octagonal section pole with bent arm, hot galvanized, diam. 200/5 mm, height from ground level 7 meters and arm of 5 meters, suitable to support the SLP board, in compliance to the Code of the Road.

Also available special poles with square section, cantilever or butterfly shape.

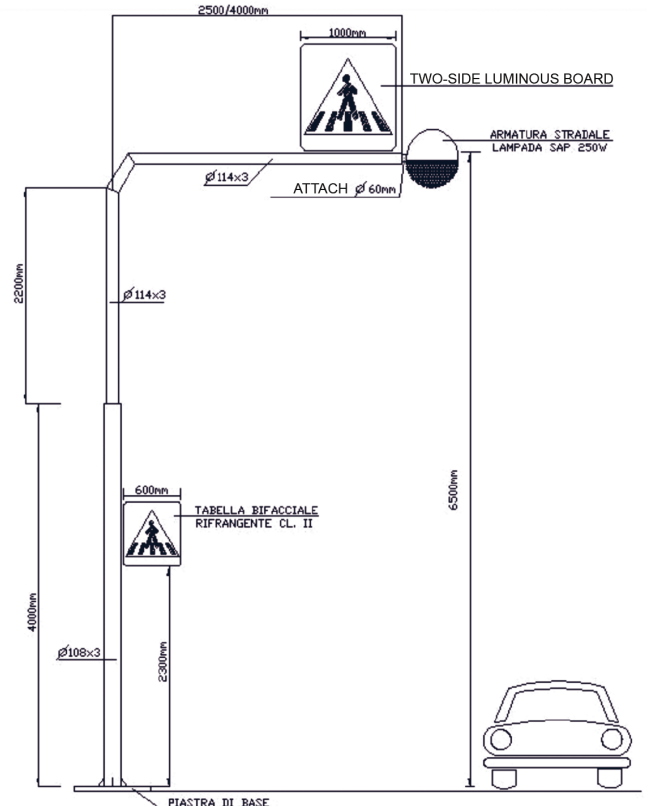
### SPECIAL VERSION - SLP/1 and SLP/2

#### LUMINOUS BOARD WITH SIDE LAMP

Luminous pedestrian crossing, especially studied for street furniture, made up by:

- Circular section pole H mt 6,50 with bent arm 2,50 or 4,00 mt complete with ground square plate and anchor bolts, painted standard yellow. Other colours on request.
- Luminous board two sides with symbol of pedestrian crossing dimensions cm 100X100
- Two-side board with refracting film Class II, symbol of pedestrian crossing cm 60X60 to be hanged to the standard of the pole
- Lighting ceiling lamp with asymmetric beam, with Sodium Lamp High Pressure 250 W
- Electrical insulation Class II

Available in LED optic version



In conformity to the law UNI EN 12899  
LED luminous beacon: LED SMT, lifetime 50.000 hours  
One-side and two-side optic  
Power supply: 12VDC o 230VAC  
standard thickness: 4 cm



Mod. SLP/1



SLP/LED LED lighting version

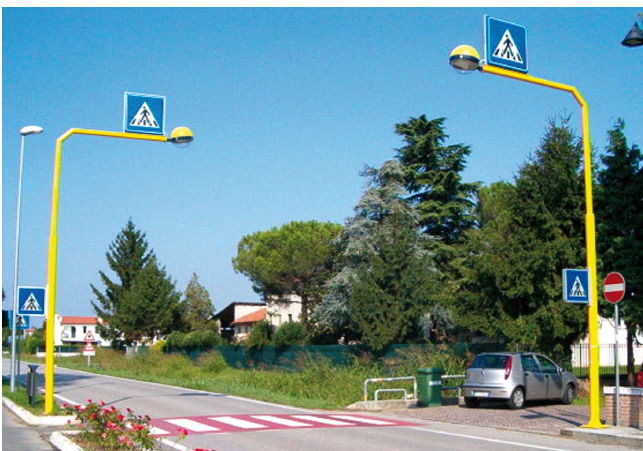
**SISTEMI PER LA GESTIONE DEL TRAFFICO - TRAFFIC CONTROL SYSTEM**



*Night visual*



*Special version with flashing yellow light Ø 200 mm*



*SLPI version*



*Particular lighting fixture*

AUTHORIZED DISTRIBUTOR



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Company with ISO 9001:2008 certificate for projects, installation and maintenance of luminous signs for traffic safety. Clearance SOA cat. OS09 class IV.