



SL 90 LED

Illuminated Sign for Pedestrian Crossings

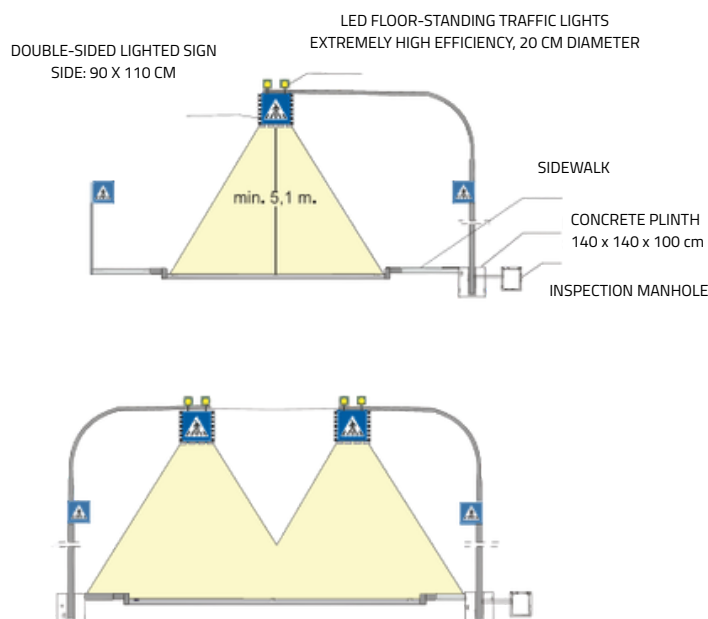


Maximum visibility, minimal consumption, guaranteed safety

The SL90 LED 2M light signal is designed to highlight pedestrian crossings with maximum visual effectiveness, especially during nighttime hours or in low-visibility conditions. Thanks to its robust construction, high-efficiency LED lighting system, and high degree of protection against atmospheric agents, the SL90 represents a cutting-edge solution for urban safety and sustainable mobility.

Available in single-sided or double-sided versions, the signal is illuminated by transparency and equipped with interchangeable decorated methacrylate fronts. Installation is flexible, with galvanized metal mounts for suspended, pole-top, or flag configurations. The body, made of extruded anodized aluminum profiles, ensures mechanical strength and long-term durability. In addition, upon request, a reflective film can be applied to ensure visibility even in the event of a power outage, taking advantage of the headlights of approaching vehicles.

The lighting system uses high-efficiency white LEDs. With a total consumption of 99W, it provides significant energy savings compared to traditional signals, reducing operating costs and environmental impact.



General Features:

- Number of photometric units: 2.
- Illuminated panel area: 90 x 90 cm.
- Color finish: Marbled Grey.
- Mounting: Tilting aerial brackets for horizontal poles of all diameters.
- Protection rating: IP55.
- Optical compartment protection rating: IP66.

Materials:

- Frame: Hot-dip galvanized steel.
- Brackets: Hot-dip galvanized steel.
- Body: Pre-painted aluminum.
- Fasteners: Stainless steel.
- Panel: Polycarbonate.
- Photometric units: Aluminum alloy.
- Photometric unit support: Hot-dip galvanized steel.

Dimensions:

- Base x Height (mm): 1112 x 1147.
- Depth (mm): 141.
- Weight: 36 Kg.

Electrical Features:

- Panel and photometric unit power supply: 90–264Vac.
- Panel power: 37 W.
- Photometric unit power: 62 W.
- Operating temperature: $-30^{\circ}/+70^{\circ}$.
- Electrical insulation class: Class II.
- Wiring: Internal connections.
- Fault repair: Repairs can be carried out without removing the signal.
- Internal connections/power supplies: All internal connections and power supplies are sealed (IP67).

Lighting Features:

- Average panel luminance: Class L2.
- Panel luminance uniformity: Class U3.
- Lighting type: LED.
- Photometric unit color temperature: 5700K.
- Photometric unit color rendering index: CRI>80.
- Photometric unit luminous flux: 6200 lm.

Reference Standards:

- Light signal: UNI EN 12899-1.
- Photometric units: UNI EN 13201.
- Pedestrian crossing illumination type: UNI TS 11726.

