



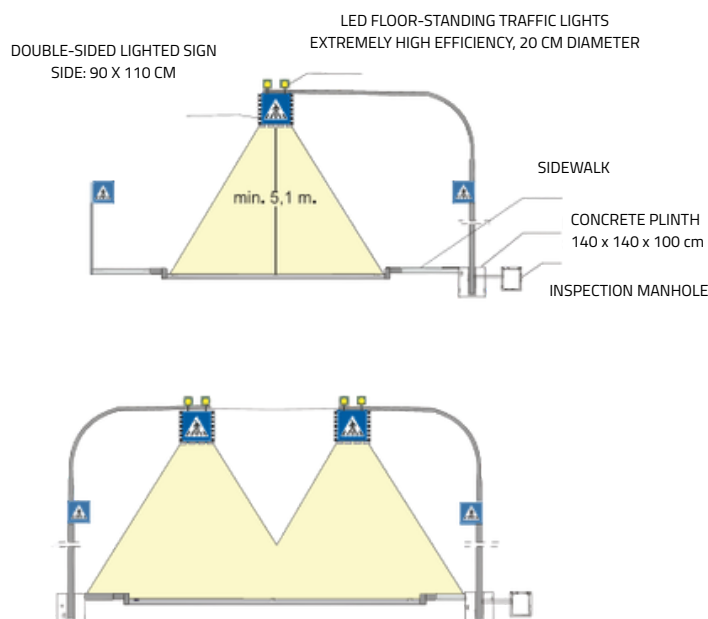
SL 90 LED 4M

Double-Sided Lighted Sign

High-Visibility Vertical Signage for Safer Mobility

The SL90 LED 4M luminous sign is designed to provide maximum visual effectiveness for pedestrian crossings, especially during nighttime or low-visibility conditions. Thanks to its robust construction, high-efficiency LED lighting system, and high protection level 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 sign is backlit and equipped with interchangeable decorated methacrylate front panels. Installation is highly flexible, with galvanized metal mounts for suspended, pole-top, or side-arm configurations. The body, made of extruded anodized aluminum profiles, ensures mechanical strength and long-term durability. Additionally, a reflective film can be applied upon request to maintain visibility even in the event of power failure, using the light from oncoming vehicles.

The illumination system features high-efficiency white LEDs. With a total power consumption of 161W, it delivers substantial energy savings compared to traditional illuminated signs, reducing both operational costs and environmental impact.



General Features:

- Number of photometric units: 4.
- 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: 39 Kg.

Electrical Features:

- Panel and photometric unit power supply: 90–264Vac.
- Panel power: 37 W.
- Photometric unit power: 124 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: 12400 lm.

Reference Standards:

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

