



SCAE



SUNNYLUX SL80-2A / 4A

SUNNYLUX SL80-2A / SL80-4A is a continuous-operation lighting signal system designed to ensure visibility and safety at all times of the day, without requiring power from the electrical grid.

Completely self-sufficient thanks to its integrated photovoltaic technology, it is the ideal solution for high-risk environments such as roadworks, pedestrian crossings, and safety zones.

With its compact and discreet design, the system can be quickly installed on any standard pole, offering maximum efficiency with minimal space requirements.

SUNNYLUX SL80 is the perfect ally to guarantee safety and visibility with the highest energy efficiency.

Designed for durability, easy installation, and reliable operation — even in the most remote locations.



General Features

- 24/7 Operation: continuous and reliable lighting signal active day and night.
- Total Energy Autonomy: solar-powered system with integrated photovoltaic panel and rechargeable battery.
- Flexible Configurations: available with 2 or 4 lamps, and with central or side ("flag") mounting options to suit any installation requirement.
- Compact Structure: clean, space-saving design suitable for urban and residential environments.
- Simplified Installation: quick mounting system on Ø 60 or Ø 90 mm poles with extruded aluminum brackets.
- High Durability: made of robust materials such as impact-resistant ABS and Altuglas® lenses.

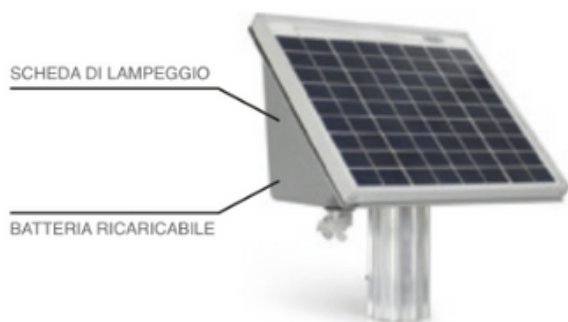
Technical Data

- Available Models:
 - SL80-2A-B / SL80-2A-C (2 lamps Ø 80 mm)
 - SL80-4A-B / SL80-4A-C (4 lamps Ø 80 mm)
- Contrast Box: Painted aluminum – L 600 x H 110 x D 35 mm
- Light Optics: 18 Primax® LEDs by Dominant® per lamp
- Light Intensity: 350 cd per lamp
- Solar Power Supply:
 - 10 W PV panel (model SL80-2A) – H 350 x W 320 x D 226 mm
 - 20 W PV panel (model SL80-4A) – H 373 x W 320 x D 267 mm
- Battery: 2 x 12 V – 9 Ah sealed lead-gel batteries
- Materials:
 - Impact-resistant ABS body
 - Altuglas DRT101® thermoplastic lenses
 - Aluminum mounting brackets for Ø 60/90 mm poles.



Reference Standards

Compliant with EN 12352 – Class L2H, ensuring luminous performance and durability in line with European standards for active road signaling systems.



Advantages

- Continuous operation without interruptions.
- 100% solar-powered, no grid connection or operating costs.
- Durable, impact-resistant materials.
- Flexible installation options (central or side mounting).
- Ideal for urban areas, secondary roads, construction sites, and pedestrian crossings.



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