

SS9A-186-SMG26-4L60

SOLAR LED STREET LIGHT

DESIGNED FOR MAINTENANCE FREE LIGHTING DIFFERENT PUBLIC AND PRIVATE SITES, PARKS, GARDENS, ALLEYS, OPEN AREAS, STREETS, ROADS, QUAYS AND OTHER AREAS.

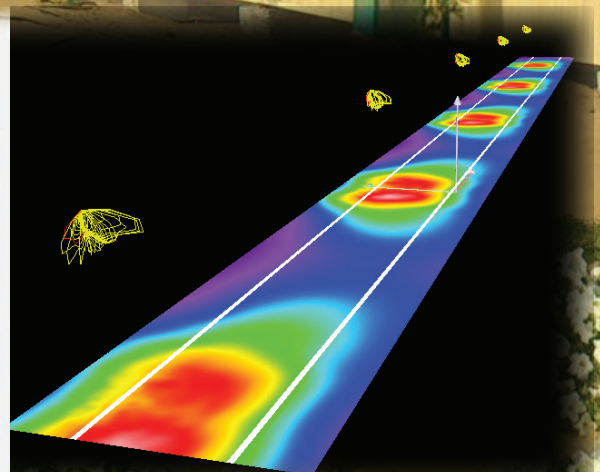
INNOVATIVE, HIGH-TECH PRODUCT WITH A MODERN DESIGN, PROVIDING EXTREMELY UNIFORM LIGHTING OF THE ROAD LANE FROM A LOW HEIGHT AND LARGE DISTANCE BETWEEN THE POLES.

EXTREMELY LONG LIFESPAN, MAINTENANCE FREE, NO NEED OF BATTERY REPLACEMENT.

INSTALLATION FRIENDLY (UPON UNPACKING YOU NEED TO FIX THE EQUIPMENT TO THE POLE ONLY).

FACILITY FOR INTELLIGENT (MIXED) POWER SUPPLY (SOLAR PLUS CONVENTIONAL) – OPTIONAL.

| False Colours | |
|---|----------|
| <input checked="" type="radio"/> illuminances | |
| <input type="text" value="16.00"/> | 16.00 lx |
| <input type="text" value="14.00"/> | 14.00 lx |
| <input type="text" value="12.00"/> | 12.00 lx |
| <input type="text" value="10.00"/> | 10.00 lx |
| <input type="text" value="8.00"/> | 8.00 lx |
| <input type="text" value="6.00"/> | 6.00 lx |
| <input type="text" value="4.00"/> | 4.00 lx |
| <input type="text" value="2.00"/> | 2.00 lx |
| <input type="text" value="0.00"/> | 0.00 lx |



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CHARACTERISTICS

- Automatic night/day on/off & economy late night dimming
- Autonomy in nominal mode 35 hours (2.9 nights)
- User programmable late night dimming available
- Remote control available
- Operating temperature from -30° up to +60°C
- Maximum air humidity 95 %

LIGHT SOURCE

| | |
|---|------------|
| LED Power | 24.75 W |
| Led driver Power Efficiency | 96 % |
| LEDs Manufacture | CREE USA |
| Total Power | 25.8 W |
| Junction Temperature at Ta = 50°C | 80°C |
| Real Luminaire Efficacy (LER) | 152 lm/W |
| Color Rendering Index (CRI) | 70 ÷ 80 |
| Real Lamp Luminous Flux for 4000 ÷ 5000 K | 3 930 lm |
| Lifespan LM79-08 | > 50 000 h |
| Ingress protection rating | IP 66 |
| Mechanical impact protection | IK 08 |

BATTERY

| | |
|-----------------|--|
| Type | Sealed maintenance free, Flame retardant, Lithium technology |
| Capacity | 60 Ah |
| Nominal voltage | 13.2 V |
| Charging | built in intelligent charge controller (BMS & MPPT) |
| Lifespan | 3 000 charging cycles (8 years) |
| Position | Integrated in tube |

SOLAR MODUL

| | |
|------------|-----------------|
| Type | Monocrystalline |
| Peak power | 186 Wp |
| Lifespan | ≥ 20 years |

PARAMETERS OF THE MECHANICAL CONSTRUCTION

| | |
|---|---------------------------------|
| Realization | Aluminum cast alloy + Hard PMMA |
| Height | 2300 mm |
| Tube diameter | ø 200 mm |
| Diameter of the pole at the place of fixing | ø 89 mm |
| Weight | 36 kg |

Additional deliveries

- Zink plated metal poles
- Means of fixing the pole underground / fundament

