40W PRO LED Solar Street Light 4500Lm

Product codes:

Reference: PL-S-40W-4K



Product features:

Power (W): 40
Color temperature CCT: 4000K
Luminous efficacy (Lm/W): 110
LED diode efficiency (Lm/W): 100
Brightness (Lm): 4000
Colour: Grey
IP: IP65
IK: IK10
Luminous angle: 120°
Measures (mm): 963x303x84mm
Material: Aluminum + PC
Operating temperature: -20ºC ~ +55ºC
Lifespan: 800 ciclos
Certification: CE - RoHS
Warranty: 3 años

Product attributes:

Product description:

All-in-one solar street light, 26000 mAh Li-ion battery PRO Solar LED Street Light 40W 4500 lm 4000K with Twilight Sensor + PIR IP65

The (4500 lm, 4000K) integrates a lithium battery, solar panel, twilight sensor and PIR detector in a single luminaire. PHILIPS LUMILEDS SMD5050 chip (110 lm/W), silver-lacquered aluminium, IP65/IK10, up to .

? 40W? 4500 lm? Solaire? PIR

40W

Power4500 lm
Luminous flux4000K
Neutral whiteIP65 / IK10
Protection

The **40W PRO solar LED street light** is a professional road-type luminaire, integrating a lithium battery, solar panel, twilight sensor and PIR motion detector in a single device. With 40W of power and a 4500-lumen flux, it offers a 120º angle for even, high-quality light, in 4000K neutral white.

Made of **aluminium alloy** with a silver lacquer finish (IP65, IK10), it mounts on a Ø60 or Ø70 mm pole (not included). Fitted with **PHILIPS LUMILEDS SMD5050** (110 lm/W) and an integrated 26,000 mAh Li-ion battery (14.8V output, up to 800 cycles), it offers up to **5 nights of autonomy** on a full charge, even in cloudy weather (duration varies with climate, season, orientation and location).

Why choose this product? **? All-in-one solar**

Battery, panel, twilight and PIR integrated. **? Up to 5 nights**

26,000 mAh Li-ion battery, up to 800 cycles. **? PHILIPS LUMILEDS**
SMD5050 110 lm/W, 4500 lm, 4000K, IP65/IK10. Technical specifications Product typePRO solar LED street light (road)Power40WLuminous flux4500 lmColour temperature4000K (neutral white)LED chipPHILIPS LUMILEDS SMD5050 (110 lm/W)Angle120ºBatteryLi-ion 26,000 mAh (14.8V, up to 800 cycles)AutonomyUp to 5 nights (depending on conditions)SensorsTwilight + PIR motionMaterialAluminium alloy + PC (silver lacquered)ProtectionIP65, IK10MountingØ60/Ø70 mm pole (not included) Advantages

- **All-in-one solar:** battery, panel, sensors integrated.
- **Up to 5 nights:** 26,000 mAh Li-ion battery.
- **PHILIPS LUMILEDS:** 110 lm/W, 4500 lm, 4000K.
- **Twilight + PIR:** maximum efficiency.
- **IP65 / IK10:** silver-lacquered aluminium.
- **Ø60/Ø70 pole mount:** no wiring.

Recommended applications ?**Streets and roads** — self-contained street lighting.?**Car parks and accesses** — motion detection.?**Parks and gardens** — eco-friendly lighting.?**Remote areas** — no electrical infrastructure. Installation guide 1**Choose a sunny location**
Install the street light where the panel gets sun.2**Mount on the pole**
Fix it on a Ø60 or Ø70 mm pole (not included).3**Aim the panel**
Aim the panel to optimise charging.4**Check the sensors**

The luminaire switches on at dusk and reacts to motion (PIR). Frequently asked questions **What is the autonomy?**

Up to 5 nights on a full charge, depending on conditions. **Does it have a motion detector?**

Yes, an integrated twilight sensor and PIR detector. **On which pole does it mount?**
On a Ø60 or Ø70 mm pole (not included). ?

Solar
40W?

26000 mAh
5 nights?

PIR
Twilight?

IP65 / IK10
4500 lm

Product gallery:

