

SUNNYMOON

SOLAR LIGHT POLE



Our led lighting for premises from the SunnyMoon series is based on the LED DockLight fixture. The lamp post receives its electricity from an inbuilt solar panel.

Even though the SunnyMoon is simpler in terms of appearance and technique than the Mira series, it is also more favourably priced. It has an astro controlled time switch, as a standard, into which the dusk hours have been pre-programmed, as a result of which almost every lighting scenario is plausible and it is, for example, possible to prevent light pollution to the largest possible extent. The high yield we achieve from solar energy is enabled by the in-built MPPT regulator.

Because the lamp post has been equipped as a stand-alone, the SunnyMoon can be easily placed in areas without an electrical power supply or where it is difficult to realise. The general

principle is that the PV panel can be placed in the most ideal position, depending on the geographical location. A power supply battery is applied to store solar energy as a result of which it lasts for a remarkably long time. We feel this fitting's price/quality ratio is very favourable. A 5 year full guarantee applies to the product, with the exception of the battery.

Models

As a standard the fixture is providing a neutral white light (5,000K) and are available as an option in the colour 3,000K (warm white). The light point height can be adjusted if required. A hybrid module is available for the SunnyMoon as a result of which it is possible to achieve a connection to the power grid so that the battery can be charged further if, for example, you want a larger capacity.

Specifications

Product name	SunnyMoon
Light point height	5.0 metres
Total height	6.5 metres
Type PV cell	Monocrystalline
Battery type	Semi-traction , 12 Volt
Material and finishing of the pole	Galvanised steel
Light source Docklight	LED
Beam angle of the fixture	120°
Average life span of the LED	50,000 hours
Light colour	5,000K (neutral white)
Housing material of the fixture	Coated die-cast aluminium
IP class	IP65



Type	SunnyMoon 1600	SunnyMoon 2800	SunnyMoon 5400
Power consumption	20 Watts	30 Watts	53 Watts
Solar panel capacity	275 Wp	275 Wp	2 x 275 Wp
Battery capacity	80 Ah	80 Ah	110 Ah
Light flow (dep. on light colour)	1,400 – 1,800 lumens	2,600 – 3,000 lumens	5,000 – 5,800 lumens

