

NTE Sistemas LED Street Light SOLAR KIT TUBULAR



SOLAR
BY NTE

NTE LED SOLAR KIT TUBULAR

A hexagon solar panel which fits around most poles with a diameter from Ø70 - Ø160mm. Available in three different capacity dimensions. Optional motion detector. Choice in different LED luminaires to complete your ideal Solar Light system. NTE Compatible luminaires: PULSAR, LEF, NEBULA, ROUND, GEF, PM-PRO. Easy and fast installation. Made in Spain.

NTE LED TUBULAR SOLAR KIT

The NTE TUBULAR SOLAR KIT luminaire consist of a photovoltaic panel, a high capacity lithium-ion battery, great durability and is IP65. In addition it includes a charge controller and the option to install a motion sensor.

MOTION SENSOR

The system can incorporate a microwave motion sensor that reduces high intensity and consumption in periods of time when no movement is detected in the zone. The luminaire will turn on when the solar radiation drops below a minimum value. When motion is detected, the light intensity will rise to a marked value, for a set period of time once the detection ceases.

TECHNICAL INFORMATION

Rank Class III. Impact resistance IK09. Protection degree IP65. Load cycles battery 4.000. For ambient temperatures -40° - 60°C. Choice of 3 different model capacities. Manufacturer Warranty 5 years. (3 on the battery). Pole connection from Ø70 - Ø160mm. Up to 10 years estimate kit life.

SPECS

BATTERY:

Maintenance free - Ferrostatic Lithium - Usefull battery life up to 4.000 cycles.

SOLAR PANEL:

Tolerance +/- 3% - Nominal voltage 36V - Open circuit voltage 43,2V - Nominal current 3,90 Ah - Peak voltage 140 Wp.

KIT:

Voltage 24V - Capacity (Ah) 48/80 Ah - Estimated kit Life >10 years.

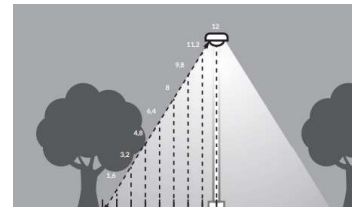
DIMENSIONS

MODEL S: 1560 x 225 mm LxW, weight 20,7 kg.
MODEL M: 1560 x 225 mm LxW, weight 20,7 kg.
MODEL L: 3120 x 200 mm LxW, weight 41,4 kg.

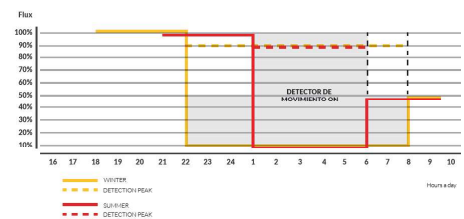
Article No.	Description	Voltage	Watt	Peak V	Charging time*
83NTE8030	Solar Tubular Kit S	24	640	140 Wp	<5h
83NTE8031	Solar Tubular Kit M	24	1.024	140 Wp	<8h
83NTE8032	Solar Tubular Kit L	24	1.024	280 Wp	<5h

* Estimated calculation for and average irradiance equal or greater than 1000W/m2.

Standard programming example with motion sensor regulation.



With Motion Detection



Without Motion Detection

