

# SOLAR-POWERED STREET LIGHTING



## SolarTech (UK) Ltd

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**Model STC 110/36-D**

## Benefits

SolarTech Street Lights use a solar module-battery system to generate and store electricity during daylight hours. This energy is then released by a timer at night to run light bulbs of various sizes.

SolarTech Street Lights excel in low life-cycle costs. The installed price for stand-alone solar street lights may be lower than with conventional street lights. This is due to zero expenses for now redundant power cables, trenches, transformers, meters and on-site production of electricity.

Solar-powered street lights have meanwhile proven to be the most reliable light source in the event of power cuts or emergency situations.

## Features

Each unit optimized to load and weather data on site

Solar parts protected by vented galvanized steel enclosure with lockable hinged door above lantern

Lower life cycle cost than grid-connected lights

Galvanized steel column to EN40

Available as kit with/without column

Vandal-protected

EMC compliant

Temperature compensation

## Luminaire

Compact fluorescent tube 36 Watt  
2900 Lumen

Eav = 10.7 Lux at spacing of 18 metres

GRP housing sealed to IP65

Vandal resistant lens

Lamp inverter: efficiency > 90%

Dimmable brightness

## Deep-cycle battery

Carbon fibre monobloc 200 Ah at C20 rate

Min. winter autonomy: 9 days

## Solar Module

Peak output 110 Watt polycrystalline

Max. Current 6.3 A

## Lighting Controller

Dusk to dawn or adjustable lighting time

## Optional

Lightning protection

Extra protection on module front and rear

Remote control