# **PHILIPS** Lighting



## Remote monitoring unit for solar street lighting

### RMU

Philips Solar Remote Monitoring Units (RMU) is a breakthrough solution for Off- Grid solar street lighting. It records system operation data, which can be used for energy reporting, environment and sustainable report, system state-of-the health; RMU enables real-time remote control, updating dimming profile, remote programming and upgrading. The friendly user interface of software is easy for you to manage solar lights remotely.

#### Benefits

- $\cdot$  Monitor health of critical components of the Solar lighting system
- $\boldsymbol{\cdot}$  Remotely control the solar street lights, individually or in groups
- Logs energy data for analysis of system performance
- Remotely optimize the dimming profile of street lights according to the changing solar irradiance in various seasons
- $\cdot$  Make the solar street light system Smart city ready with data access through API's
- Real time alerts to minimize outages
- Easy installation through plug and play single cable connection

#### Features

- $\cdot$  128 bit AES encrypted communication
- $\cdot$  Weather proof rugged construction
- $\cdot$  Web based User interface, compatible with all major web explorers
- $\cdot$  Multiple options to store Dimming profile in LCU or CCU
- $\cdot$  Supports both individual and group controls
- Choice of 2G/3G/4G or Ethernet based back-haul connectivity
- $\cdot$  Role based user access control mechanisms
- Configurable data read interval

#### Application

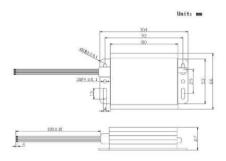
• Solar Street Lighting

#### Versions



LCU

#### **Dimensional drawing**





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