



**covimed**  
**solar**  
SUSTAINABLE LIGHTING



AGENDA  
**2030**

World-leading company in the design and manufacture of solar streetlights since 2003.

COVIMED SOLAR is a company with a strong environmental vocation, all its products related to solar energy lighting, aim at sustainable development.

**"COVIMED SOLAR is a world reference in the manufacture and innovation of solar street lights"**

Company's international action makes us present in many countries where COVIMED solar street lights and lighting kits have been installed, carrying out projects adapted to the different technical requirements of the project, the continent and the country of destination.

**OBJETIVOS DE DESARROLLO SOSTENIBLE**



COVIMED SOLAR as an authorized distributor of the different UN organizations (UNHCR, UNDP, FAO ...) has collaborated in numerous lighting projects such as supplying more than 1,000 units in the refugee camps.



# BETTING FOR THE FUTURE

## ECONOMIC

No electrical line or associated work is needed (trenches, power lines, transformer ...)

No consumption of the electricity grid

Reduced maintenance

Quick and easy installation

## SUSTAINABLE

100% renewable electricity production

100% autonomous

Its operation produces 0 CO2 emissions

## EFFICIENT

High light output (170lm / W)


Long component life

Great efficiency in energy consumption

## A TECHNICAL TEAM AT YOUR SIDE

Carrying out light studies for your projects will allow you to determine the necessary power and the appropriate distance between Streetlights.

Our technical team will guide you in the implementation of necessary components depending on your needs



Allowing for better decision-making, favoring compliance with the Energy Efficiency Regulation.



# CHARACTERISTICS

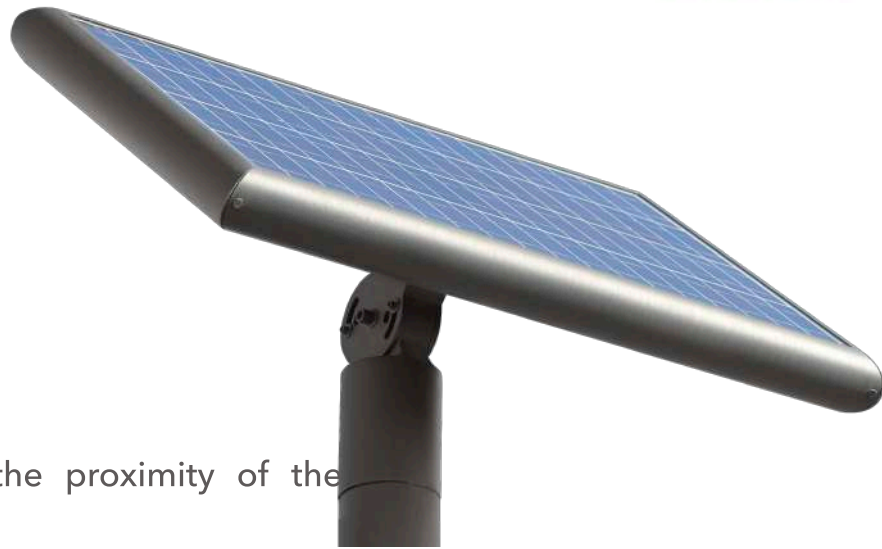


## LED LIGHTING

High light output led  
Great light projection amplitude

## COMPONENTS IN HEIGHT

Greater security against theft  
Better energy efficiency due to the proximity of the equipment  
Simpler installation  
It favors the ventilation of electronic equipment  
With security lock



## TECHNOLOGY

COVIMED SOLAR uses the latest generation LiFeP04 lithium batteries capable of storing up to 3 times more than lead-acid batteries of the same size. The batteries are made up of small lithium and iron batteries connected to each other to reduce the cyclical stress of charges and discharges, achieving increased battery durability. LiFeP04 batteries can discharge up to 90% without damage. They have a BMS that protects the battery so that in extreme climates it continues to work.

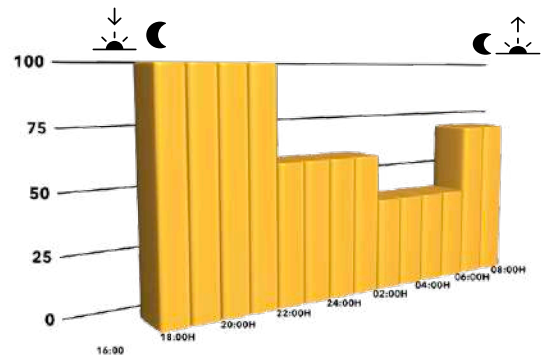


COVIMED SOLAR protects the batteries against high and low temperatures with a thermal insulator that allows a constant temperature to be maintained in the battery, thus allowing greater durability.

# CUSTOM PROGRAMMING

The Ecology and Eco Road streetlights allow programming their operation during the night:

- Define different on and off times
- Set different lighting intensities



Regulate from 0 to 100% of intensity of the led at different times Improves performance and energy savings

## REMOTE CONTROL



Group remote control and monitoring using the COVIMED software. Status display, configuration changes, location and alert notification.

## APP MONITORING



Individual or group control via APP. Status display, configuration changes, location and alert notification.

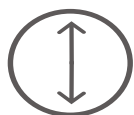




LiFePO4



20 - 40 W



4 - 6 m



Custom programming



Fast charge



2.700 K - 4.000 K



Suitable for Starlight reserves





LiFeP04



20 - 40 W



4 - 6 m



Custrom programming



Fast charge



2.700 K - 4.000 K



Suitable for Starlight reserves



**540**





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