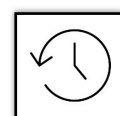
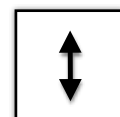


covimed **solar**
ECOLOGY
SYSTEM 50.6

LiFePO4
 BATTERY



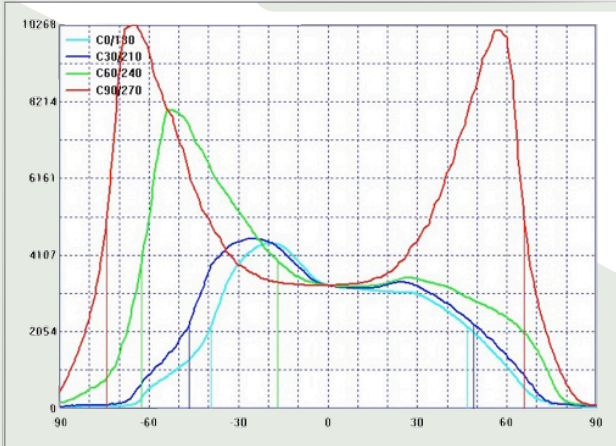
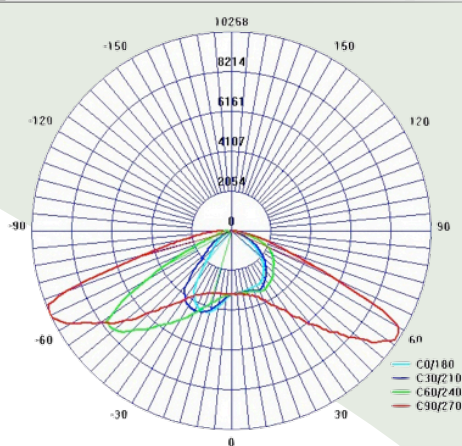
Programable



6 m



50 W
 LED



COVIMED solar street lamps, due to their design and configuration, are very easy to install, simplifying their assembly as much as possible, both in their electrical connections and in the own assembly of the lamp, which reduces the installation time. This new design of solar lamp allows us to better manage its distribution, increasing the number of units in the shipments by complete container or in the systems palletized, reducing transport costs.



Certificates in quality and environmental protection



LAMP

Power	50 w
Ligthing tipe	LED
Color temperature	5.500 K Cool white
Light intensity	6.000 Lm-120 lm/w
Optical	Lateral amplification
Durability	+ 50.000 hours
Lamp height	5,5 m
Protection index	IP 65 / IK 09

SOLAR PANEL

Power	180 W
Nominal power (Vmp)	21,2 V
Open circuit voltage (Voc)	21,24 V
Maximum current power (Imp)	10 A
Short-circuit current (Isc)	11 A
Size	1580x808x40 mm
Maximum system voltage	1.000 V

BATTERY

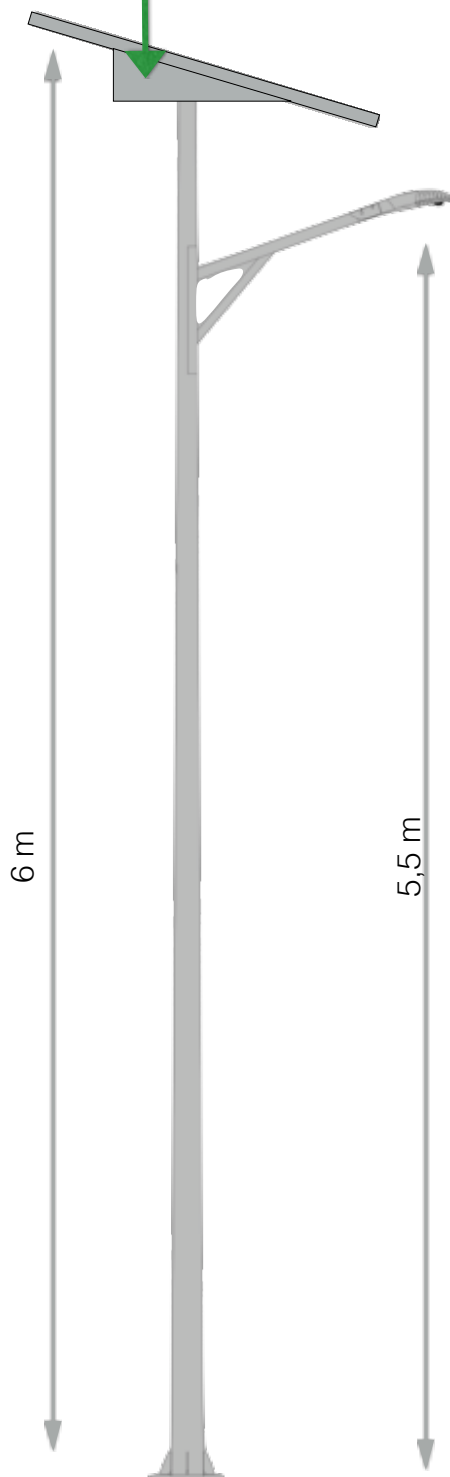
Technology	LiFePO4
Tension	25,6 V
Capacity	90 A
Weight	30 Kg
Terminal	Hermetic
Material	Compact
Battery site	Under the solar panel
Durability	10 years
Performance reserve	3 days
Protecction	Safety lock

ELECTRONICS

Input voltage	24 V DC
Charging current	15 A
Moisture	0/95%
Ip	68
Night detector	Programmable
Hours of operation lighting	Programmable
intensity	Programmable
Short circuit protection	yes
Overload protection	yes
Polarity protection	yes

MATERIAL OF THE STRUCTURE

Material	Hot galvanized steel
Total height	6 m
Painting	Epoxi un four 220°
Color	RAL 7021
Diameter	140 mm
Fixing template	400 X 400 mm
Anchor bolts	4 units 1800 x 20 mm
Fundation	1,2 x 1,2 x 1,3 m
Wind resistance	150 Km/h



FUNDATION

