



STRAIGHT STREETLIGHT 5.8 M

Mechanical Data

Measurements	H 580 x L 25 x P 11 cm
Light pole	Anodized aluminum
Installation	Standard concrete blocks

LEDs Light

Illuminant	IP 67 LED module high efficiency 4000K CRI> 70%
Max. Power	30W /60W
Typ. Illuminance	Up to 14 lx
Typ. Service life (50%)	>50.000 hours
Efficiency	105 lm/watt

Photovoltaic panels

Solar cells	Glass / EVA / Monocrystalline Silicon
Installed solar power	6 x 37 = 222W

Battery

Battery technology	3x LiFePO4 3.2V / 100 Ah, 960Wh
Installation	In the pole or to be buried if pole temperature over 50°C
Lifetime	> 2000 full cycles

Electronic board

Battery management	Auto Balancing charging device
Solar charger	included
Smart functions	Programmable calendar, autonomous mode, smart energy saving
Communication between poles	Via Zigbee, auto configuration in a pole group
Time and date management	Automatic by GPS
Maintenance	Via WIFI, by smartphone, touchpad or PC
Motion sensor	Microwaves (detection 7m)

Compliance

Mechanics	EN 40
Temperature range	From -10° C to 55° C
Certification	CE1166

Options

External power supply	230VAC or 12VDC, 100W required
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Made in France 

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