

## F8 Valetta M Wood solar street light with pole



### Luminaire head

Number of LED	2-fold module (24 LED)
Luminous flux	up to 4200lm
Light color	2200K/3000K/4000K
CRI	70
Light distribution	sym. wide; asym. street wide; asym. street; asym. street narrow; asymmetrical; sym. narrow
Lifetime	>100.000h
Sensor technology	with PIR sensor

### Photovoltaic module

PV power	125Wp or 195Wp
Type	monocrystalline
Tilt angle	0°, 15°, 30°, 45°, 60°, 75°, 90° (Calculated for wind zone 2, terrain category 2)

### Battery

Capacity	26Ah/12V, 39Ah/12V
Type	Nickel-Metal Hydride (NiMH)
Operating range	ambient temperature -40 to +80°C
Service life	12-15 years
Mounting position	Flood-proof installed in the mast (top), no additional battery housing or enclosures required

### Pole

Material	steel, hot-dip galvanized, powder coated optional
Light height	4/5 m
Foundation	continuous earth piece 800mm or flange plate 240/300mm

### Go live

- Intelligent battery management system standard
- condition monitoring 24/7 free of charge
- Lighting profile individually according to customer requirements
- can be changed online at any time
- light on demand
- no additional costs for networking

## F8 Valetta M Wood bill of materials

### Luminare head

Light colour	Light distribution	SX No.
2200K	sym.	8021 111L1
	asym.	8021 121L1
3000K	sym.	8021 311L1
	asym.	8021 321L1
4000K	sym.	8021 411L1
	asym.	8021 421L1

### PV-Module / Battery

PV-Power / Capacity	SX No.
120Wp with NiMH 26Ah	PV 120456-0-BP 30261

### Pole

Type	SX No.
Solar pole, impregnated wood, height: 4 000 mm, length ground piece: 1500 mm	SM 35561-0
Solar pole, impregnated wood, height: 5 000 mm, length ground piece: 1500 mm	SM 36561-0