

## F8 Valetta M 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
- group/row switching
- frequency measurement
- no additional costs for networking

## F8 Valetta M

### bill of materials

#### Luminare head

Light colour	Light distribution	SX No.
2200K	sym. wide	8131 161L1
	asym. street wide	8131 151L1
	asym. street medium	8131 141L1
	asym. street narrow	8131 131L1
	asymmetrical	8131 121L1
	sym. narrow	8131 111L1
3000K	sym. wide	8131 361L1
	asym. street wide	8131 351L1
	asym. street medium	8131 341L1
	asym. street narrow	8131 331L1
	asymmetrical	8131 321L1
	sym. narrow	8131 311L1
4000K	sym. wide	8131 461L1
	asym. street wide	8131 451L1
	asym. street medium	8131 441L1
	asym. street narrow	8131 431L1
	asymmetrical	8131 421L1
	sym. narrow	8131 411L1

#### Photovoltaic modul & battery pack

Photovoltaic modul	Battery pack	SX No.
125 Wp; hot-dip galvanized	26 Ah	PV 120453-0 BP 30261
	39 Ah	PV 120453-0 BP 30391
125 Wp; powder coated	26 Ah	PV 120453-9 BP 30261
	39 Ah	PV 120453-9 BP 30391
195 Wp; hot-dip galvanized	26 Ah	PV 195453-0 BP 30261
	39 Ah	PV 195453-0 BP 30391
195 Wp; powder coated	26 Ah	PV 195453-9 BP 30261
	39 Ah	PV 195453-9 BP 30391

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### bill of materials

#### Pole

Type	SX No.
Solar pole, hot-dip galvanized, cylindrical, height 4000 mm, base plate 240 mm	SM 24032-0
Solar pole, hot-dip galvanized, cylindrical, height 4000 mm, base plate 300 mm	SM 24034-0
Solar pole, hot-dip galvanized, cylindrical, height 4000 mm, ground section length 800 mm	SM 24031-0
Solar pole, hot-dip galvanized, cylindrical, height 5000 mm, 125 Wp base plate 240 mm	SM 25032-0
Solar pole, hot-dip galvanized, cylindrical, height 5000 mm, 125 Wp base plate 300 mm	SM 25034-0
Solar pole, hot-dip galvanized, cylindrical, height 5000 mm, 125 Wp ground section length 800 mm	SM 25031-0
Solar pole, hot-dip galvanized, cylindrical, height 5000 mm, 195 Wp base plate 240 mm	SM 25042-0
Solar pole, hot-dip galvanized, cylindrical, height 5000 mm, 195 Wp base plate 300 mm	SM 25044-0
Solar pole, hot-dip galvanized, cylindrical, height 5000 mm, 195 Wp ground section length 800 mm	SM 25041-0
Solar pole, powder coated, cylindrical, height 4000 mm, base plate 240 mm	SM 24032-9
Solar pole, powder coated, cylindrical, height 4000 mm, base plate 300 mm	SM 24034-9
Solar pole, powder coated, cylindrical, height 4000 mm, ground section length 800 mm	SM 24031-9
Solar pole, powder coated, cylindrical, height 5000 mm, 125 Wp base plate 240 mm	SM 25032-9
Solar pole, powder coated, cylindrical, height 5000 mm, 125 Wp base plate 300 mm	SM 25034-9
Solar pole, powder coated, cylindrical, height 5000 mm, 125 Wp ground section length 800 mm	SM 25031-9
Solar pole, powder coated, cylindrical, height 5000 mm, 195 Wp base plate 240 mm	SM 25042-9
Solar pole, powder coated, cylindrical, height 5000 mm, 195 Wp base plate 300 mm	SM 25044-9
Solar pole, powder coated, cylindrical, height 5000 mm, 195 Wp ground section length 800 mm	SM 25041-9