

F8 Valetta M

Solar street light complete incl. pole



Luminaire head

Number of LEDs	2-fold module (24 LEDs)
Luminous flux	up to 4200 lm
Light color	2200 K/3 000 K/4 000 K
CRI	70
Light distribution	asymmetrical/symmetrical
Lifetime	>100.000h
Sensor technology	with PIR sensor

Photovoltaic module

PV power	120Wp
Type	monocrystalline
Tilt angle	0°, 15°, 30°, 45°, 60°, 75°

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
Lighting point height	4/5 m
Foundation	with continuous earth piece 800 mm

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 Configurations

Luminare head		F8 Valetta S	F8 Valetta M	F8 Valetta M Wood
Light colour	Light distribution	SX No.	SX No.	SX No.
2200K	sym.	8110 111L1	8111 111L1	8121 111L1
	asym.	8110 121L1	8111 121L1	8121 121L1
3000K	sym.	8110 311L1	8111 311L1	8121 311L1
	asym.	8110 321L1	8111 321L1	8121 321L1
4000K	sym.	8110 411L1	8111 411L1	8121 411L1
	asym.	8110 421L1	8111 421L1	8121 421L1
PV-Module / Battery				
PV-Power / Capacity		SX No.	SX No.	SX No.
60Wp with NiMH 13Ah		PV 060352-0-BP 30131	–	–
120Wp with NiMH 13Ah		PV 120452-0-BP 30131	–	–
120Wp with NiMH 26Ah		PV 120452-0-BP 30261	PV 120452-0-BP 30261	PV 120456-0-BP 30261
120Wp with NiMH 39Ah		PV 120452-0-BP 30391	PV 120452-0-BP 30391	–
Pole				
Type		SX No.	SX No.	SX No.
Solar mast hot-dip galvanized, cylindrical stepped, height 4000 mm length ground piece 800 mm		SM 24821-0	SM 24821-0	–
Solar mast hot-dip galvanized, cylindrical stepped, height: 5000 mm, length ground piece: 800 mm		SM 25821-0	SM 25821-0	–
Solar pole, impregnated wood, height: 4000 mm, length ground piece: 1500 mm		–	–	SM 35561-0
Solar pole, impregnated wood, height: 5000 mm, length ground piece: 1500 mm		–	–	SM 36561-0