

F8 Valetta M Wood solar street light with pole



Luminaire head

| | |
|--------------------|---------------------------|
| Number of LED | 2-fold module (24 LED) |
| Luminous flux | up to 2400lm |
| Light color | 2200K/3000K/4000K |
| CRI | 70 |
| Light distribution | symmetrical; asymmetrical |
| Lifetime | >100.000h |
| Sensor technology | with PIR sensor |

Photovoltaic module

| | |
|------------|-------------------------|
| PV power | 125Wp |
| Type | monocrystalline |
| Tilt angle | 30°, 45°, 60°, 75°, 90° |

Battery

| | |
|-------------------|---|
| Capacity | 26Ah/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 | Eco light pole made of peeled spruce wood, pressure-impregnated (green) Ground/air transition zone perforated and coated with the Fürstenberg Permadur® system |
| Lightpoint height | 4/5 m |
| Foundation | continuous earth piece 1500 mm or |

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. | 8121 111L1 |
| | asym. | 8121 121L1 |
| 3000K | sym. | 8121 311L1 |
| | asym. | 8121 321L1 |
| 4000K | sym. | 8121 411L1 |
| | asym. | 8121 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 |