

Bocaro Light & Charge SMART

613069 |



Charging bollard
4051859971399
LED
L 252, B 156, H 1570



Bollard with square cross section. With EV charger to IEC 61851-1 Mode 3. For private and semi-public applications. Post made of corrosion resistant aluminium, seawater resistant powder-coated. With fully enclosed stainless steel mounting base. With LED luminaire head, light characteristic suitable for lighting public roads to DIN EN 13201. Stainless steel bracket and screws for EV charger unit. Elongated holes in base for easy bollard alignment. EV charger in integrated compartment with one type 2 charging socket, lockable.

Colour

Colour anthracite metallic

Dimensions

Length L 252 mm
Width B 156 mm
Height H 1.570 mm
Weight 21,7 kg

Lamp

Lamp LED
Colour temperature 3000K
Colour rendering index (CRI) 80
Colour tolerance 3
Rated life 50000 h (L80/B10)
Photobiological safety according to EN 62471 Risk group 1

Lighting technology

Luminous flux component in the upper half-space 1,3
CIE Flux Code / CEN Flux Code 51 88 99 99 100
Colour temperature 3.000 K
Rated luminous flux 1.900 lm
Beam angle Down 112° / 112°
Beam angle Up 0°
Glare evaluation UGR (4H 8H) 29,2

Electrical

| | |
|------------------------------------|--------------------------------|
| Control gear | AC Strom, dim.Ph.an-/abschnitt |
| Voltage | 220 - 240 V / 50 Hz |
| Number of charging units | 1 |
| Max. power per charging point | 22 |
| Number of vehicle connectors | |
| Type 2 | 1 |
| Earth leakage circuit breakers | |
| Type A/LS | 1 |
| Charging cable lockable | no |
| DC residual current detection | yes |
| Protective contact 1 | no |
| Protective contact 2 | no |
| With circuit breaker | yes |
| Network-enabled as a master | yes |
| Network-enabled as an extender | yes |
| Networkable via LAN | yes |
| Networkable via Wi-Fi | no |
| Radio standard LTE | no |
| Radio standard 5G | no |
| With energy meter | yes |
| With key switch | no |
| With built-in RFID card reader | yes |
| NFC (Near Field Communication) | no |
| Static load management | yes |
| Dynamic load management | yes |
| Ocpp version | 1.6 |
| Plug and charge (ISO 15118) | yes |
| With display | no |
| Compatible Apple HomeKit | no |
| Compatible Google Assistant | no |
| Compatible Amazon Alexa | no |
| IFTTT support available | no |
| Operation and configuration by app | yes |
| Export of charging logs | yes |
| Backend included | yes |
| With MID compliant energy meter | yes |
| Installation side connection model | 3-phase |

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| | |
|--|---------------------|
| Luminaires on B10A fuse | 40 |
| Input voltage | 400 V |
| Luminaires on B16A fuse | 60 |
| Connectable conductor cross section | 16 |
| Luminaires on C10A fuse | 65 |
| Luminaires on C16A fuse | 102 |
| System power | 20 W |
| Luminaire efficacy | 95 |
| Inrush current / Inrush current duration | 0.09 A / 60 μ s |

Approbations

| | |
|--------------------------|--------|
| Type of protection | IP 54 |
| Protection class | I |
| Ambient temperature min. | -20 °C |
| Ambient temperature max. | 40 °C |
| Conformity mark | CE |

Accessories

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