

# Bocaro Light & Charge PRO

## 613004 |



Charging bollard  
4051859971283  
LED  
L 252, B 156, H 1570



Bollard with square cross section. With EV charger to IEC 61851-1 Mode 3. For public sector 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 20,9 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	yes
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 $\mu$ 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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