

# STREETCHARGE:EV V1

FREE-TO-USE

Type 2, Mode 3 Charging Socket  
3.6kW Or 7.2kW

# ROLEC

EV

MANUFACTURED IN THE UK



The STREETCHARGE:EV V1 has been designed and developed to offer a highway specification LED street light combined with an electric vehicle charging point, providing Mode 3 fast charging in either 3.6kW or 7.2kW speeds.

This complete EV charging street light offers a 56w energy efficient LED lighting head, making the unit ideal for locations such as streets and highways, as well as both private and public car parking areas.

## PRODUCT FEATURES

### EV Charging Point

- IEC 61851-1 Mode 3 EV charging compliant
- Charging speeds - 3.6kW (16A) & 7.2kW (32A)
- IEC 62196 (Type 2) charging socket c/w security hatchlock
- Built-in overload and fault current charge point protection (RCBO)
- Built-in LED charging status indicator
- Full operating instruction fascia
- EV driver can simply park, plug in and charge their vehicle
- Mobility-friendly design

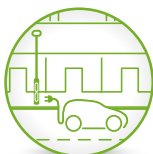
### Street Light

- 6 metre galvanised steel column to BSEN 1461:2009 standards, c/w 1 metre root mounting
- Dual door access (1x light and 1x EV). Corrosion resistant & UV stabilised
- IP66 56W 7000 lumens energy-efficient LED street light head with an estimated 20 years of service life/100,000 hour lifetime
- Double pole fused cut out to BS7654 (inc. BS88 AC19 tag type fuse)

Unit shown: STREETCHARGE:EV V1  
Socket (Type 2) Charging Unit



Product of the Year  
Award 2017



Highway Spec  
Column



Branding & Colour  
Options Available



Energy Efficient  
LED Lighting



IP66 Weather Proof  
& UV Stabilised

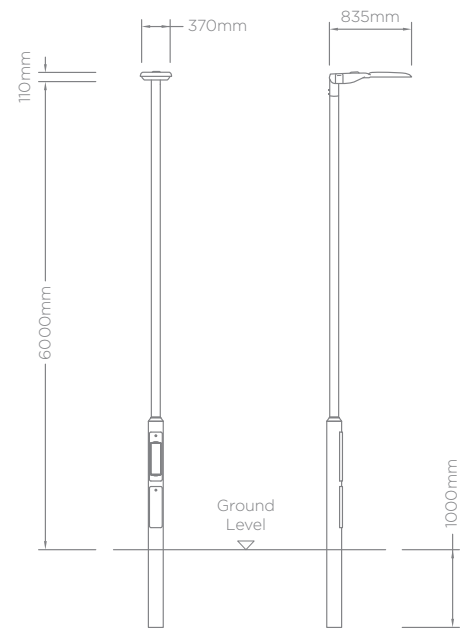


CE  
Certified

# SPECIFICATIONS

## PHYSICAL

Column Dimensions	6m column above ground / 1m of root below ground, 76mm diameter column top
Column Material	Galvanised steel to BSEN 1461:2009 standard
Column Colour	RAL 6018 green as standard (Other colours available)
Light Head Dimensions	370mm x 110mm x 835mm (W x H x D)
Light Head Material	Die-cast aluminium
Light Head Finish	Grey polyester powder paint finish to RAL 7035
Certifications & Compliances	Wiring Regulations - BS 7671 (18th Edition) IET EV Regulations, Glow Wire Testing - IEC 60695-2-13 EMC Compliance - EN 61000-6-3:2007, EN 61000-6-2:2005 Safety Compliance - EN 60950-1:2006, EN 60950-22:2006, Low Voltage Directive (LVD) 2014/35/EU BSEN40, PD6547: 2004+A1: 2009 Load class B, Deflection class 3 Environmental Protection - IP66 (Category 1) Weatherproof BS EN 60529, UL94 Flame Rating at V2 for 1.5mm and 3.0mm



## ELECTRICAL

Product Code	EVST0010	EVST0030	EVST0020	EVST0040
Charging Socket	IEC 62196 (Type 2)			
Rated Output	3.6kW		7.2kW	
Rated Current	16A		32A	
Charge Protocol	Mode 3			
EV Charging Compliance	EN 61851-1:2001, EN 61851-21:2002, EN 61851-22:2002			
Input Voltage	230V AC/50Hz (Single Phase)			
Overload & Fault Current Protection	Built-in 30mA Type A RCBO & 6mA DC Sensitive Device 20A		40A	
Lighting Head	IP66 56W energy efficient LED street light head			
Cut Out	Double pole fused cut out to BS7654. Includes BS88 AC19 tag type fuse			
Incoming Cable	Comes complete with approx 1.5m length of 6mm x 3core H07RN-F			
Key Switch Control	X	✓	X	✓



## OPTIONS & ACCESSORIES

- Built-in class 1 MID compliant kWh meter
- Corporate branding (colours, logo badge, etc.)
- Charge point signage
- EV charging cables (Type 1 to Type 2 or Type 2 to Type 2)
- 82w/10,000 lumens lighting head available



In association with:

**BEI** lighting  
lighting from the ground up

*fabrikat*

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