Passway EV

Innovative dual EV charging pillar with built-in high performance area lighting

Passway EV combines high performance area illumination with EV charging in a single, stylish and robust solution. By incorporating up to 2☐x☐22☐kW fast charging into the Passway bollard, Passway EV not only provides the power to charge your electric fleet quickly, but importantly, also provides the illumination to enable users to safely connect to the charger and identify trip hazards such as trailing cables.

The sophisticated optics provide excellent area illumination with high uniformity, low glare and less than 2% upward light, reducing light pollution. Integral emergency and SmartScan Radar options provide unparalleled safety, comfort and convenience for an EV charger.

- Superb photometric performance for wide spacings and excellent uniformity
- On-board selector switch provides on-site adjustment between area and pathway distributions
- SmartScan Radar with sensor discretely hidden behind the cover or photocell options
- SmartScan wireless emergency option
- High power charging capability up to twin 22 kW
- Simple RFID antenna to control user access as standard
- Can be connected to the internet using the integrated Ethernet port, Wi-Fi or 4G connectivity to provide optional back-office control (SIM card supplied optional extra)
- Special colours available on request

Notes: For cable lengths up to 25 m and in accordance with table 4E4A of BS7671. Ensure RCD is compliant with BS EN 61008-1 and switches all poles (including neutral).

IP54   **SMARTSCAN**   **LUXGUARD**

Lighting management

Lighting control system	**Photocell (non-dimming)** **SmartScan Radar**	Emergency system	**Non-emergency** **SmartScan Emergency**

Specification

Mounting	**Surface**	IP rating	**IP54**

EV charging

Socket	**Twin**	Charging speed	**7.4 kW** **22 kW**
Metering	**CT clamp** **MID (Measuring Instruments Directive)**		

Lighting

Lumen output (multiple)	Up to Area - 1495 lm / Pathway - 780 lm	Efficacy (multiple)	Up to Area - 59.8 LL/CW / Pathway - 55.7 LL/CW

Emergency data

Emergency lumen output	190 lm	Emergency type	Maintained
Emergency duration	3 hours	Battery specification	Nickel Metal Hydride (NiMH)

Power

LED power (multiple)	Area - 21 W / Pathway - 11 W	Circuit power (multiple)	Area - 25 W / Pathway - 14 W

LED characteristics

CRI	70+	Colour temperature	2700 K 4000 K
Rated life (hours)	100 K - L70/B10		

Compliance

UKCA	Yes	CE	Yes
Energy efficiency class	This product contains a light source of energy efficiency class C	SmartScan wireless standards compliance	Europe: EN 300 220-1 V2.4.1/ EN 301 489-3 V1.6.1. Australasia: ACMA 2014 Radio Communication Standard 2014. Thorlux Patented Wireless Technology - GB2575724

Dimensions

3 x max. M10 slots equi-spaced on Ø 195

Ø 230

Lighting head

Socket 1
Socket 1 indicator LED
RFID Antenna
Socket 2 indicator LED
Socket 2

Upper access door

Tamper-proof fixing

Photocell version

Lower access door

Tamper-proof fixing

1410▲

▲ Add 60mm for SmartScan Radar versions
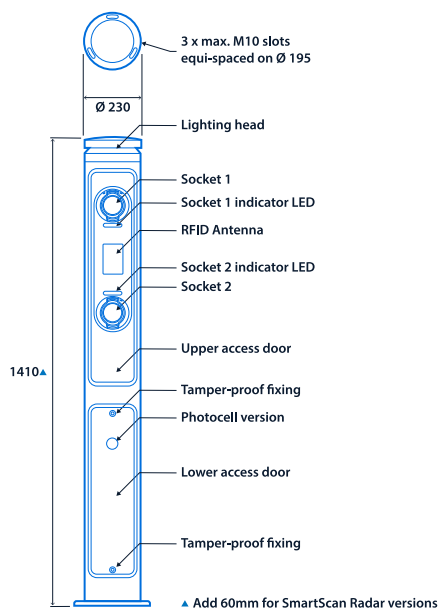
View the range

Information is correct as of 22 Oct 2024, however must not be interpreted as a guarantee of individual product performance and/or characteristics. We reserve the right to alter specifications and designs without prior notice.