TRTLIGHTING

E-VIA CITY

IP54 (lighting head IP66)
Ingress Protection

IK10
Impact Resistance

17kg Weight

Electrical Class I

-20 to 30°C Ambient

SPECIFICATION

- ✓ Professional lighting optic with less than 2% upward lighting
- ✓ 7.4kW or 22kW dual sockets
- ✓ Fully PAS1899 compliant
- ✓ Single and three phase open PEN fault protection
- ✓ Certified MID meter or CT variants available
- ✓ Extruded aluminium body
- ✓ IK10 impact rating - suitable for public spaces
- ✓ Supports static and dynamic load management
- ✓ OCPP 1.6J compliant and OCPP 2.0.1 ready

MADE IN UNITED KINGDOM

DIMENSIONS & SPECIFICATIONS	
Dimensions	165mm x 1500mm
Charging System	IEC 61851 Mode 3
Power Input	Single phase / three phase, 230 / 400V, 63A
Power Output	7.4kW or 22kW
Protections	AC 30mA, DC 6mA
Markings	UKCA
OCPP	OCPP 1.6J compliant and OCPP 2.0.1 ready

DESIGN FEATURES	
PEN Fault Detection	Open PEN fault protection on single and three phase
Safety Feature	Locking mechanism to prevent disconnection of cable under load

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LIGHTING	
Wattage	5-19W
LED CCT	2700K, 3000K or 4000K
LED CRI	>70
Lument Output	Up to 1,100lm
Lumen Maintenance	Projected L85 after 100,000 hours

COMPLIANCE	
Standards	LVD 2014/35/EU, EMCD 2014/30/EU, BS EN61851-2019, EN61000-2, EN61000-3, CE certified, BS7671-2018
GDPR	Your privacy and sensitive data is handled with care and in compliance with GDPR
Accessibility	Fully PAS1899 compliant

CHARGING FEATURES	
Charging Options	Single phase 7.4kW to three phase 22kW options
Metering	CT or certified MID meter variants available
Suitability	Suitable for business, commercial, fleet and public charging
Power Sharing*	Connect up to 40 sockets on one grid connection. Available power will be distributed evenly to connected EVs. Supports static and dynamic load management.

CONNECTIVITY	
Connectivity	Ethernet, Wi-Fi and 4G sim card and 36 months data supplied as standard
Commissioning	Full configuration of the charger set up using a web portal
Secure Authentication	Protect your charger from unauthorised use using the RFID access or use the plug and charge mode for fast and easy access
Configurable Cable Lock	Option to lock the cable into charger

MECHANICAL CHARACTERISTICS	
Housing Material	High pressure die cast LM6 aluminium and high quality extruded 6063T6 aluminium
Housing Finish	Chromate free pre-treatment, polyester powder coat, light grey (RAL9006), dark grey (RAL7022), black (RAL9005) or bespoke colours on request
Lens Material	UV stabilised polycarbonate
Ingress Protection Rating	IP54 (lighting head IP66)
Weight	17kg
Impact Resistance Rating	IK10
Mounting Methods	Socket or flange

SHIELD OPTIONS	
Universal Front/Rear	04GSK71899
Side	04GSK71725

*Dynamic load management and solar charging requires an E-Via Sense kit

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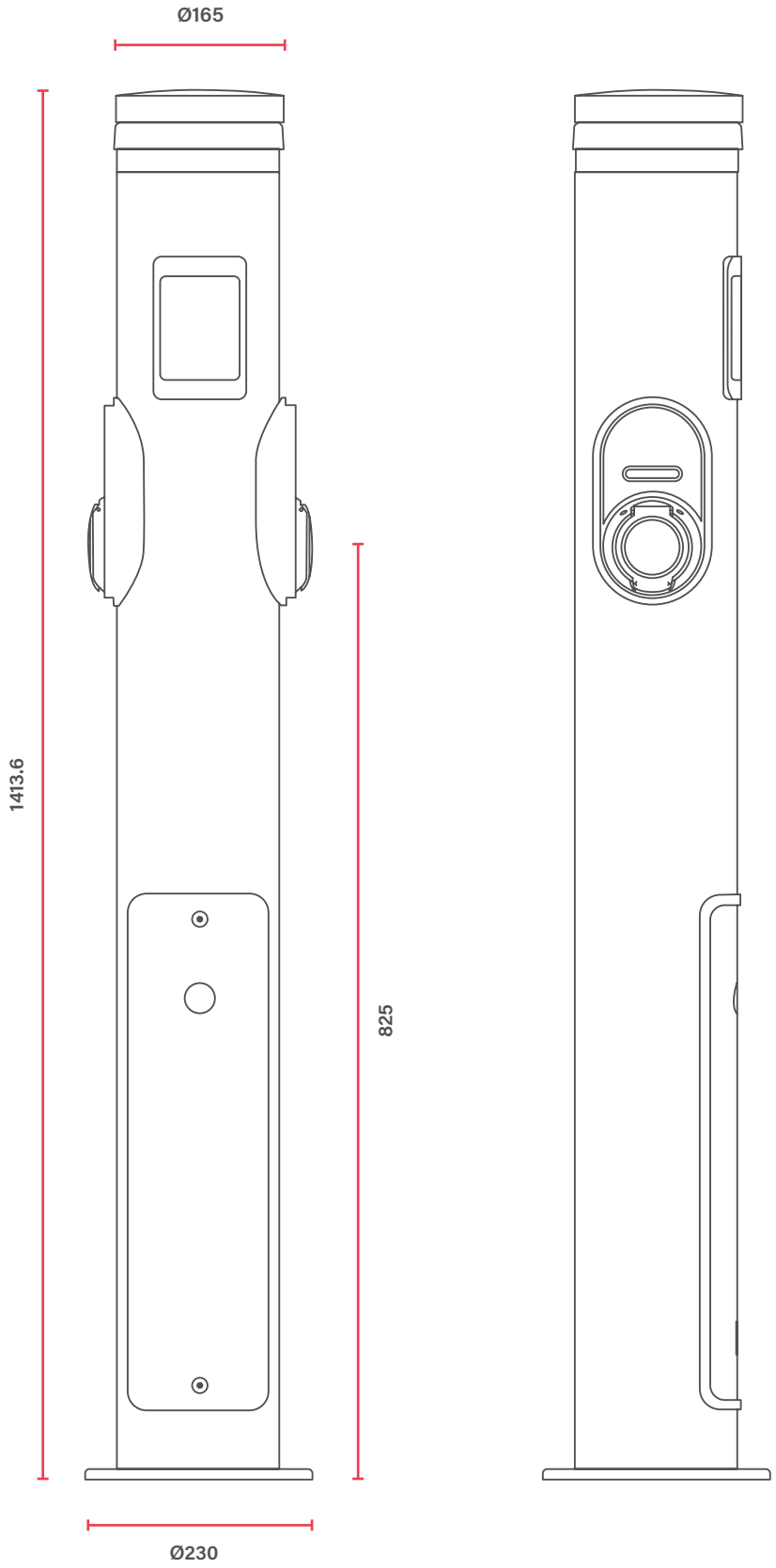
TRTLIGHTING



All information detailed within this datasheet is accurate at the date of issue.
The information provided is subject to change at our discretion. If any questions arise or extra information is required, please contact TRT Lighting directly.
E-Via City Datasheet issue July 2026.

FOR MORE INFORMATION
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