

TECHNICAL DATA

Anodising	10 colours
Application	surrounding office buildings, parkings
Ingress protection	IP 54
Material	anodised aluminium alloy
Expected useful lifetime	L90B10 - 100 000 h
CRI	>70
Input voltage frequency	50/60Hz
Number of LED	8
Charging socket	IEC62196 Type-2
Types of protection	Over-current circuit breaker and RCD type A (optionally RCD type B or RCD type EV)
The protection degree of electrical chamber	IP 54
Communication	2G, 3G
Electricity measurement	electricity meter compatible with the MID directive
Network layout	TT, TN-S, TNC-S
The possibility of integration with the operator's system	OCPP v1.6
Standard for charging stations	PN-EN IEC 61851-1:2019



TABLE OF VARIANTS

Code	Symbol	LED power	Luminaire power consumption	LED forward current	Colour temperature (CCT)	Luminaire luminous flux ¹	Luminous efficacy ¹	Concrete footing / reinforcement basket type	Concrete footing / reinforcement basket code	Fasteners	Charging point rated powers	Net weight
45400/1/03/C...	KARIN LED EV 3,7	16 W	20 W	700 mA	2700 K	1500 lm	75 lm/W	B-50 / Z-50	311150 / 311205	4006	3,7 kW	10.8 kg
45400/3/03/C...	KARIN LED EV 3,7	16 W	20 W	700 mA	3500 K	1550 lm	78 lm/W	B-50 / Z-50	311150 / 311205	4006	3,7 kW	10.8 kg
45400/4/03/C...	KARIN LED EV 3,7	16 W	20 W	700 mA	4000 K	1850 lm	93 lm/W	B-50 / Z-50	311150 / 311205	4006	3,7 kW	10.8 kg
45400/6/03/C...	KARIN LED EV 3,7	16 W	20 W	700 mA	5000 K	1850 lm	93 lm/W	B-50 / Z-50	311150 / 311205	4006	3,7 kW	10.8 kg
45400/1/07/C...	KARIN LED EV 7,4	16 W	20 W	700 mA	2700 K	1500 lm	75 lm/W	B-50 / Z-50	311150 / 311205	4006	7,4 kW	10.8 kg
45400/3/07/C...	KARIN LED EV 7,4	16 W	20 W	700 mA	3500 K	1550 lm	78 lm/W	B-50 / Z-50	311150 / 311205	4006	7,4 kW	10.8 kg
45400/4/07/C...	KARIN LED EV 7,4	16 W	20 W	700 mA	4000 K	1850 lm	93 lm/W	B-50 / Z-50	311150 / 311205	4006	7,4 kW	10.8 kg
45400/6/07/C...	KARIN LED EV 7,4	16 W	20 W	700 mA	5000 K	1850 lm	93 lm/W	B-50 / Z-50	311150 / 311205	4006	7,4 kW	10.8 kg
45400/1/11/C...	KARIN LED EV 11	16 W	20 W	700 mA	2700 K	1500 lm	75 lm/W	B-50 / Z-50	311150 / 311205	4006	11 kW	10.8 kg
45400/3/11/C...	KARIN LED EV 11	16 W	20 W	700 mA	3500 K	1550 lm	78 lm/W	B-50 / Z-50	311150 / 311205	4006	11 kW	10.8 kg
45400/4/11/C...	KARIN LED EV 11	16 W	20 W	700 mA	4000 K	1850 lm	93 lm/W	B-50 / Z-50	311150 / 311205	4006	11 kW	10.8 kg
45400/6/11/C...	KARIN LED EV 11	16 W	20 W	700 mA	5000 K	1850 lm	93 lm/W	B-50 / Z-50	311150 / 311205	4006	11 kW	10.8 kg
45400/1/22/C...	KARIN LED EV 22	16 W	20 W	700 mA	2700 K	1500 lm	75 lm/W	B-50 / Z-50	311150 / 311205	4006	22 kW	10.8 kg
45400/3/22/C...	KARIN LED EV 22	16 W	20 W	700 mA	3500 K	1550 lm	78 lm/W	B-50 / Z-50	311150 / 311205	4006	22 kW	10.8 kg
45400/4/22/C...	KARIN LED EV 22	16 W	20 W	700 mA	4000 K	1850 lm	93 lm/W	B-50 / Z-50	311150 / 311205	4006	22 kW	10.8 kg
45400/6/22/C...	KARIN LED EV 22	16 W	20 W	700 mA	5000 K	1850 lm	93 lm/W	B-50 / Z-50	311150 / 311205	4006	22 kW	10.8 kg

1) tolerance +/- 7% due to LEDs accuracy

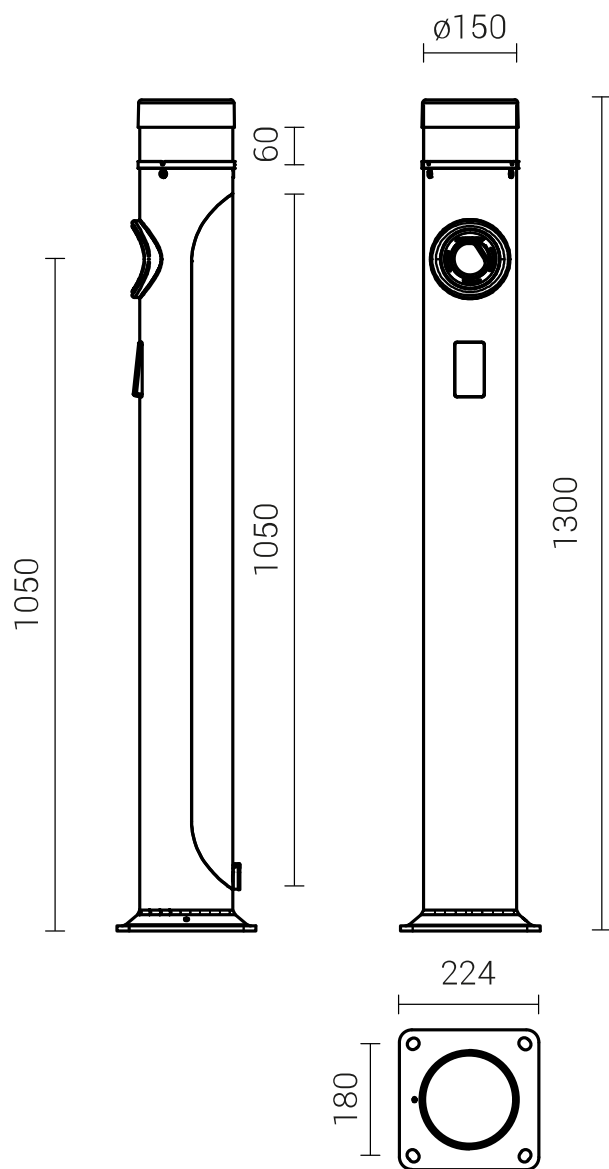
/B – Charging station intended for private use, without integration with the operator system
/C... – choice of anodising colour

DIRECTIVES: 2014/35/UE (Official Journal of the UE L 96/357 29.03.2014), 2014/30/UE (Official Journal of the UE L 96/79 29.03.2014), 2011/65/UE RoHS (Official Journal of the UE L 174/88 01.07.2011), 2009/125/EC(Official Journal of the UE L 285/10 31.10.2009)

STANDARDS: PN-EN IEC 60598-1: 2021-7, PN-EN 60529: 2003, PN-EN 62262: 2003, PN-EN 62471:2010, PN-EN 55015: 2019, PN-EN 61547: 2009, PN-EN 61000-3-2: 2019, PN-EN 61000-3-3: 2014

Lighting parameters presented based on laboratory tests according to IESNA LM-79-19

TECHNICAL DRAWING



PHOTOMETRIC CURVES

KARIN LED EV

