



TECHNICAL DATA

Anodising	10 colours
Diffuser	frosted (PMMA)
Application	surrounding office buildings, private properties, hotels and restaurants
Ingress protection	IP 65 for the optical part and the driver
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
Electricity measurement	Electricity meter according to the MID directive
Network layout	TT, TN-S, TNC-S
Standard for charging stations	PN-EN IEC 61851-1:2019

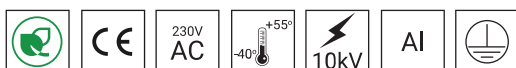


TABLE OF VARIANTS

Code	Symbol	Diffuser	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/B/C...	KARIN LED EV 3,7 BASIC	frosted (PMMA)	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
45400/3/03/B/C...	KARIN LED EV 3,7 BASIC	frosted (PMMA)	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
45400/4/03/B/C...	KARIN LED EV 3,7 BASIC	frosted (PMMA)	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
45400/6/03/B/C...	KARIN LED EV 3,7 BASIC	frosted (PMMA)	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
45400/1/07/B/C...	KARIN LED EV 7,4 BASIC	frosted (PMMA)	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
45400/3/07/B/C...	KARIN LED EV 7,4 BASIC	frosted (PMMA)	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
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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)

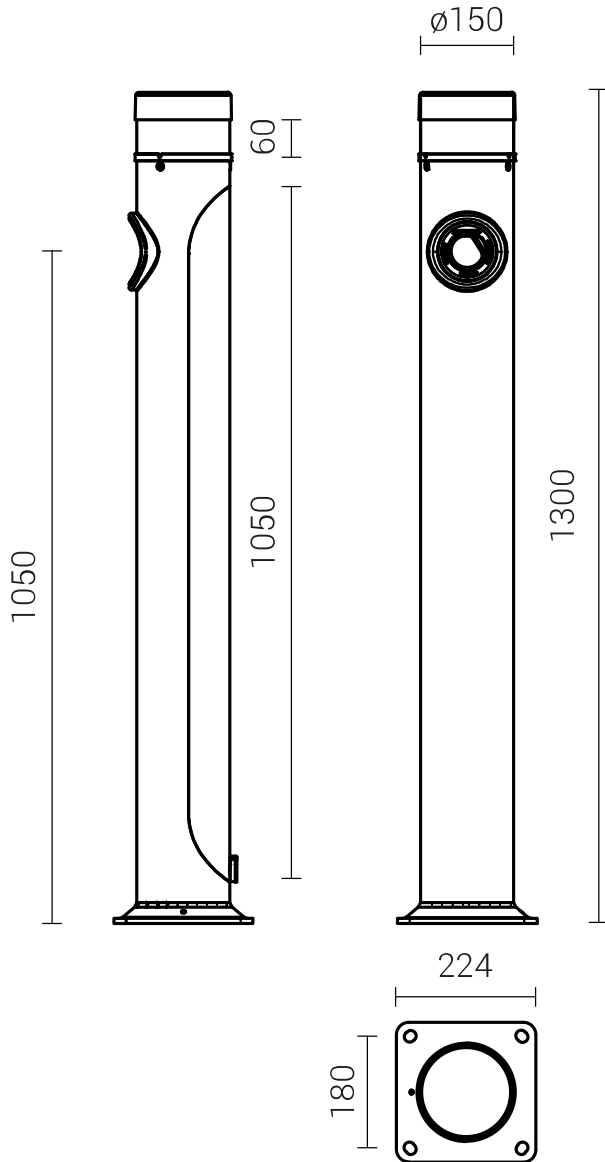
STANDARDS: PN-EN IEC 60598-1: 2021-7, PN-EN 60529: 2003, PN-EN 62262: 2003, PN-EN 62471:2010, PN-EN 55015: 2019, PN-EN 61547: 2009, PN-EN 61000-3-2: 2019, PN-EN 61000-3-3: 2014

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

KARIN LED EV BASIC



TECHNICAL DRAWING



PHOTOMETRIC CURVES

KARIN LED EV

