



TECHNICAL DATA

Anodising	10 colours
Diffluser	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	>75
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, TN-C-S
Standard for charging stations	EN 61854-1:2011



TABLE OF TYPES

Code	Symbol	Diffluser	LED power	Luminaire power consumption	LED forward current	Colour temperature (CCT)	Luminaire luminous flux ¹⁾	Luminous efficacy ²⁾	Concrete footing / reinforcement / basket type	Concrete footing / reinforcement / basket code	Fasteners	Charging point rated power	Net weight
45K01/1/03/S/C...	KARRN LED EV 3,7 BASIC	frosted (PMMA)	16 W	20 W	700 mA	2700 K	1600 lm	75 lm/W	8-80 / Z-50	311150 / 311205	4006	3,7 kW	10,1 kg
45K02/3/03/S/C...	KARRN LED EV 3,7 BASIC	frosted (PMMA)	16 W	20 W	700 mA	3500 K	1680 lm	78 lm/W	8-80 / Z-50	311150 / 311205	4006	3,7 kW	10,1 kg
45K03/4/03/S/C...	KARRN LED EV 3,7 BASIC	frosted (PMMA)	16 W	20 W	700 mA	4000 K	1850 lm	93 lm/W	8-80 / Z-50	311150 / 311205	4006	3,7 kW	10,1 kg
45K04/6/03/S/C...	KARRN LED EV 3,7 BASIC	frosted (PMMA)	16 W	20 W	700 mA	5000 K	1850 lm	93 lm/W	8-80 / Z-50	311150 / 311205	4006	3,7 kW	10,1 kg
45K05/1/07/S/C...	KARRN LED EV 7,4 BASIC	frosted (PMMA)	16 W	20 W	700 mA	2700 K	1600 lm	75 lm/W	8-80 / Z-50	311150 / 311205	4006	7,4 kW	10,1 kg
45K06/3/07/S/C...	KARRN LED EV 7,4 BASIC	frosted (PMMA)	16 W	20 W	700 mA	3500 K	1680 lm	78 lm/W	8-80 / Z-50	311150 / 311205	4006	7,4 kW	10,1 kg
45K07/4/07/S/C...	KARRN LED EV 7,4 BASIC	frosted (PMMA)	16 W	20 W	700 mA	4000 K	1850 lm	93 lm/W	8-80 / Z-50	311150 / 311205	4006	7,4 kW	10,1 kg
45K08/6/07/S/C...	KARRN LED EV 7,4 BASIC	frosted (PMMA)	16 W	20 W	700 mA	5000 K	1850 lm	93 lm/W	8-80 / Z-50	311150 / 311205	4006	7,4 kW	10,1 kg

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

²⁾ - 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, 2009/125/EC

STANDARDS: PN-EN 60598-1: 2015, PN-EN 60529: 2003, PN-EN 62262: 2003, PN-EN 62471:2010, PN-EN 55015: 2013, PN-EN 61547: 2009, PN-EN 61000-3-2: 2014, PN-EN 61000-3-3: 2013