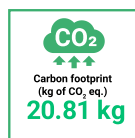


## TECHNICAL DATA

|                                             |                                                                                    |
|---------------------------------------------|------------------------------------------------------------------------------------|
| 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                                                                              |
| 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 <sup>1</sup> | Luminous efficacy <sup>1</sup> | 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       |
| 45400/4/07/B/C... | KARIN LED EV 7,4 BASIC | frosted (PMMA) | 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       |
| 45400/6/07/B/C... | KARIN LED EV 7,4 BASIC | frosted (PMMA) | 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       |

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

/B – Charging station intended for private use, without integration with the operator system

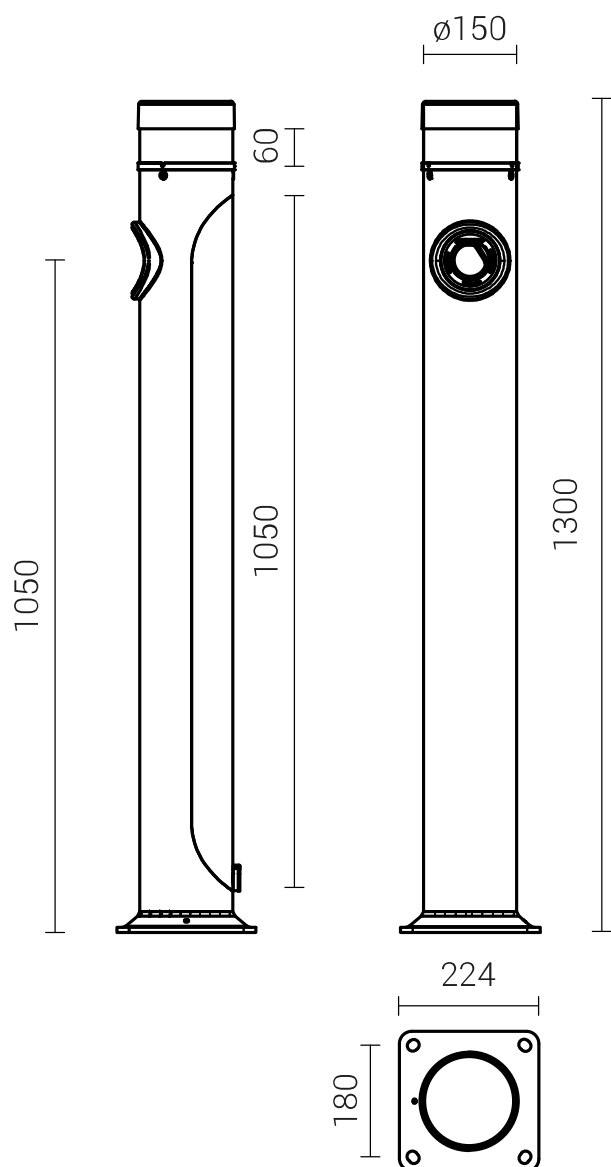
/C... – choice of anodising colour

**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

