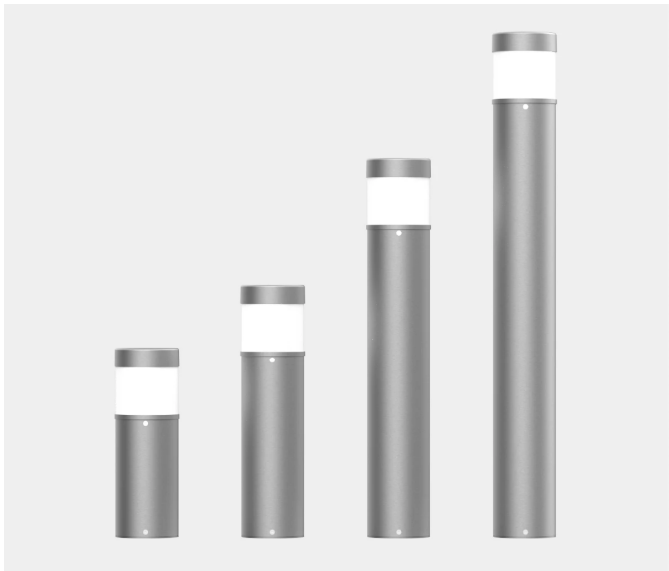
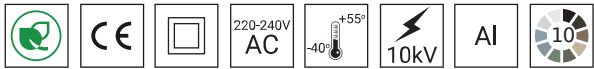
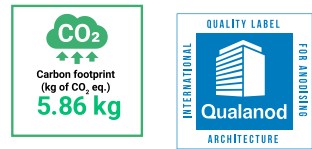


KARIN 450 LED 16



TECHNICAL DATA

Anodising	10 colours
Diffuser	frosted (PMMA)
Application	surrounding office buildings, parks, pedestrians
Ingress protection	IP 65 for the optical part and the driver
Material	anodised aluminium alloy
Expected useful lifetime	L90B10 - 100 000 h
CRI	>70
Inrush current	70 A / 220 µs
Input voltage frequency	50/60Hz
Number of LED	8



Code	Symbol	Diffuser	Height of the column [H]	LED power	Luminaire power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux ¹	Luminaire luminous flux ¹	Luminous efficacy ¹	Concrete footing / reinforcement basket type	Net weight
45200/6/C...	KARIN 450 LED 16	frosted (PMMA)	455 mm	16 W	20 W	700 mA	5000 K	3050 lm	1950 lm	98 lm/W	B-0 / Z-0	3 kg

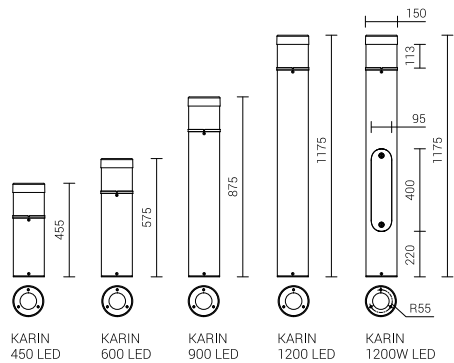
1) tolerance +/- 7% due to LEDs accuracy

DIRECTIVES AND STANDARDS

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 60598-2-3: 2006, 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

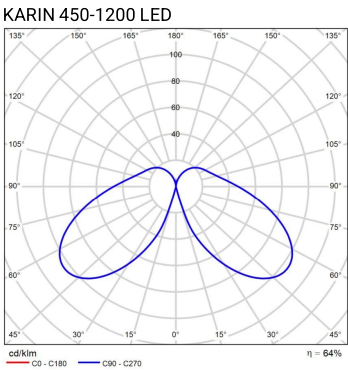
Lighting parameters presented based on laboratory tests according to IESNA LM-79-19

TECHNICAL DRAWING



PHOTOMETRIC CURVES

KARIN 450 LED 16



ACCECTABLE QUANTITY OF LUMINAIRES ON ONE CIRCUIT

Overcurrent switches MCB type B or C

Lighting columns	Typ	2A	4A	6A	10A	16A	20A	25A
KARIN 450-1200 LED	B	1	2	3	5	8	10	12
	C	1	3	5	8	13	16	20

Fuse – type gG and GL

Lighting columns	2A	4A	6A	10A	16A	20A	25A
KARIN 450-1200 LED	0	3	5	7	15	20	29