



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
CN	>70
Input voltage frequency	50/60Hz
Number of LED	8



TABLE OF TYPES

Code	Symbol	Height of the column [m]	LED power	Luminance power consumption	LED forward current	Colour temperature (CCT)	Luminous flux*	Luminous efficacy*	Concrete footing / reinforcement basket type	Diameter [Ø]	Net weight
4Q200/1/C...	KARIN 450 LED 8	455 mm	8 W	12 W	350 mA	2700 K	800 lm	80 lm/W	8-0 / Z-0	150 mm	3 kg
4Q200/3/C...	KARIN 450 LED 8	455 mm	8 W	12 W	350 mA	3500 K	850 lm	85 lm/W	8-0 / Z-0	150 mm	3 kg
4Q200/4/C...	KARIN 450 LED 8	455 mm	8 W	12 W	350 mA	4000 K	1000 lm	100 lm/W	8-0 / Z-0	150 mm	3 kg
4Q200/6/C...	KARIN 450 LED 8	455 mm	8 W	12 W	350 mA	5000 K	1000 lm	100 lm/W	8-0 / Z-0	150 mm	3 kg
4Q200/1/C...	KARIN 450 LED 16	455 mm	16 W	20 W	700 mA	2700 K	1500 lm	75 lm/W	8-0 / Z-0	150 mm	3 kg
4Q200/3/C...	KARIN 450 LED 16	455 mm	16 W	20 W	700 mA	3500 K	1500 lm	78 lm/W	8-0 / Z-0	150 mm	3 kg
4Q200/4/C...	KARIN 450 LED 16	455 mm	16 W	20 W	700 mA	4000 K	1850 lm	93 lm/W	8-0 / Z-0	150 mm	3 kg
4Q200/6/C...	KARIN 450 LED 16	455 mm	16 W	20 W	700 mA	5000 K	1850 lm	93 lm/W	8-0 / Z-0	150 mm	3 kg
4Q2100/1/C...	KARIN 600 LED 8	575 mm	8 W	12 W	350 mA	2700 K	800 lm	80 lm/W	8-0 / Z-0	150 mm	3.5 kg
4Q2100/3/C...	KARIN 600 LED 8	575 mm	8 W	12 W	350 mA	3500 K	850 lm	85 lm/W	8-0 / Z-0	150 mm	3.5 kg
4Q2100/4/C...	KARIN 600 LED 8	575 mm	8 W	12 W	350 mA	4000 K	1000 lm	100 lm/W	8-0 / Z-0	150 mm	3.5 kg
4Q2100/6/C...	KARIN 600 LED 8	575 mm	8 W	12 W	350 mA	5000 K	1000 lm	100 lm/W	8-0 / Z-0	150 mm	3.5 kg
4Q210/1/C...	KARIN 600 LED 16	575 mm	16 W	20 W	700 mA	2700 K	1500 lm	75 lm/W	8-0 / Z-0	150 mm	3.5 kg
4Q210/3/C...	KARIN 600 LED 16	575 mm	16 W	20 W	700 mA	3500 K	1500 lm	78 lm/W	8-0 / Z-0	150 mm	3.5 kg
4Q210/4/C...	KARIN 600 LED 16	575 mm	16 W	20 W	700 mA	4000 K	1850 lm	93 lm/W	8-0 / Z-0	150 mm	3.5 kg
4Q210/6/C...	KARIN 600 LED 16	575 mm	16 W	20 W	700 mA	5000 K	1850 lm	93 lm/W	8-0 / Z-0	150 mm	3.5 kg
4Q2200/1/C...	KARIN 900 LED 8	875 mm	8 W	12 W	350 mA	2700 K	800 lm	80 lm/W	8-0 / Z-0	150 mm	4.2 kg
4Q2200/3/C...	KARIN 900 LED 8	875 mm	8 W	12 W	350 mA	3500 K	850 lm	85 lm/W	8-0 / Z-0	150 mm	4.2 kg
4Q2200/4/C...	KARIN 900 LED 8	875 mm	8 W	12 W	350 mA	4000 K	1000 lm	100 lm/W	8-0 / Z-0	150 mm	4.2 kg
4Q2200/6/C...	KARIN 900 LED 8	875 mm	8 W	12 W	350 mA	5000 K	1000 lm	100 lm/W	8-0 / Z-0	150 mm	4.2 kg
4Q220/1/C...	KARIN 900 LED 16	875 mm	16 W	20 W	700 mA	2700 K	1500 lm	75 lm/W	8-0 / Z-0	150 mm	4.2 kg
4Q220/3/C...	KARIN 900 LED 16	875 mm	16 W	20 W	700 mA	3500 K	1500 lm	78 lm/W	8-0 / Z-0	150 mm	4.2 kg
4Q220/4/C...	KARIN 900 LED 16	875 mm	16 W	20 W	700 mA	4000 K	1850 lm	93 lm/W	8-0 / Z-0	150 mm	4.2 kg
4Q220/6/C...	KARIN 900 LED 16	875 mm	16 W	20 W	700 mA	5000 K	1850 lm	93 lm/W	8-0 / Z-0	150 mm	4.2 kg
4Q2300/1/C...	KARIN 1200 LED 8	1 175 mm	8 W	12 W	350 mA	2700 K	800 lm	80 lm/W	8-0A / Z-0A	150 mm	5.5 kg
4Q2300/3/C...	KARIN 1200 LED 8	1 175 mm	8 W	12 W	350 mA	3500 K	850 lm	85 lm/W	8-0A / Z-0A	150 mm	5.5 kg
4Q2300/4/C...	KARIN 1200 LED 8	1 175 mm	8 W	12 W	350 mA	4000 K	1000 lm	100 lm/W	8-0A / Z-0A	150 mm	5.5 kg
4Q2300/6/C...	KARIN 1200 LED 8	1 175 mm	8 W	12 W	350 mA	5000 K	1000 lm	100 lm/W	8-0A / Z-0A	150 mm	5.5 kg
4Q230/1/C...	KARIN 1200 LED 16	1 175 mm	16 W	20 W	700 mA	2700 K	1500 lm	75 lm/W	8-0A / Z-0A	150 mm	5.5 kg
4Q230/3/C...	KARIN 1200 LED 16	1 175 mm	16 W	20 W	700 mA	3500 K	1500 lm	78 lm/W	8-0A / Z-0A	150 mm	5.5 kg
4Q230/4/C...	KARIN 1200 LED 16	1 175 mm	16 W	20 W	700 mA	4000 K	1850 lm	93 lm/W	8-0A / Z-0A	150 mm	5.5 kg
4Q230/6/C...	KARIN 1200 LED 16	1 175 mm	16 W	20 W	700 mA	5000 K	1850 lm	93 lm/W	8-0A / Z-0A	150 mm	5.5 kg