



## TECHNICAL DATA

<b>Anodizing</b>	10 colours
<b>Diffuser</b>	frosted (PMMA)
<b>Application</b>	surrounding office buildings, parks, pedestrian
<b>Ingress protection</b>	IP 65 for the optical part and the driver
<b>Material</b>	anodized aluminium alloy
<b>Expected useful lifetime</b>	L90B10 - 100 000 h
<b>CRI</b>	>70
<b>Input voltage frequency</b>	50/60Hz
<b>Number of LED</b>	16 (KARN 2400 LED) 24 (KARN 3600 LED, KARN 4800 LED)
<b>Control system</b>	Luminaire has the possibility to connect to an external control system via analog signal 1-10V



## TABLE OF TYPES

Code	Symbol	Height of the column [m]	LED power	Luminaire power consumption	LED forward current	Colour temperature (CCT)	Luminaire luminous flux*	Luminous efficacy*	Concrete footing / reinforcement [Ø] basket type	Diameter	Net weight
4Q40/1/C...	KARN 2400 LED 32W	2 400 mm	32 W	38 W	700 mA	2700 K	2850 lm	75 lm/W	Ø-50 / Z-50	150 mm	12 kg
4Q40/3/C...	KARN 2400 LED 32W	2 400 mm	32 W	38 W	700 mA	3500 K	2950 lm	78 lm/W	Ø-50 / Z-50	150 mm	12 kg
4Q40/4/C...	KARN 2400 LED 32W	2 400 mm	32 W	38 W	700 mA	4000 K	3450 lm	91 lm/W	Ø-50 / Z-50	150 mm	12 kg
4Q40/6/C...	KARN 2400 LED 32W	2 400 mm	32 W	38 W	700 mA	5000 K	3450 lm	91 lm/W	Ø-50 / Z-50	150 mm	12 kg
4Q50/1/C...	KARN 3600 LED 48W	3 600 mm	48 W	55 W	700 mA	2700 K	4250 lm	77 lm/W	Ø-60 / Z-60	180 mm	26 kg
4Q50/3/C...	KARN 3600 LED 48W	3 600 mm	48 W	55 W	700 mA	3500 K	4450 lm	81 lm/W	Ø-60 / Z-60	180 mm	26 kg
4Q50/4/C...	KARN 3600 LED 48W	3 600 mm	48 W	55 W	700 mA	4000 K	5200 lm	95 lm/W	Ø-60 / Z-60	180 mm	26 kg
4Q50/6/C...	KARN 3600 LED 48W	3 600 mm	48 W	55 W	700 mA	5000 K	5200 lm	95 lm/W	Ø-60 / Z-60	180 mm	26 kg
4Q54/1/C...	KARN 4800 LED 82W	4 800 mm	48 W	55 W	700 mA	2700 K	4250 lm	77 lm/W	Ø-60 / Z-60	180 mm	32 kg
4Q54/3/C...	KARN 4800 LED 82W	4 800 mm	48 W	55 W	700 mA	3500 K	4450 lm	81 lm/W	Ø-60 / Z-60	180 mm	32 kg
4Q54/4/C...	KARN 4800 LED 82W	4 800 mm	48 W	55 W	700 mA	4000 K	5200 lm	95 lm/W	Ø-60 / Z-60	180 mm	32 kg
4Q54/6/C...	KARN 4800 LED 82W	4 800 mm	48 W	55 W	700 mA	5000 K	5200 lm	95 lm/W	Ø-60 / Z-60	180 mm	32 kg
4Q70/1/M...	KARN 6000 LED 116W	6 000 mm	116 W	134 W	700 mA	2700 K	8350 lm	62 lm/W	Ø-71 / Z-71	300 mm	70 kg
4Q70/3/M...	KARN 6000 LED 116W	6 000 mm	116 W	134 W	700 mA	3500 K	8750 lm	65 lm/W	Ø-71 / Z-71	300 mm	70 kg
4Q70/4/M...	KARN 6000 LED 116W	6 000 mm	116 W	134 W	700 mA	4000 K	10250 lm	77 lm/W	Ø-71 / Z-71	300 mm	70 kg
4Q70/6/M...	KARN 6000 LED 116W	6 000 mm	116 W	134 W	700 mA	5000 K	10250 lm	77 lm/W	Ø-71 / Z-71	300 mm	70 kg

\*) tolerance +/- 5% due to LEDs accuracy