

KARIN LED 450-1200



Application: surrounding office buildings, parks, pedestrians

Ingress protection: IP 65 for the optical part and the driver

Material: anodised aluminium alloy

Number of LEDs: 8 for 16W

Expected useful lifetime: L90F10 – 50 000 h, L80F20 – 100 000 h

CRI: >80 dla 3500K; >70 dla 4000K, 5000K

Corrective factor S/P: 1.45 dla 3500K, 1.55 dla 4000K; 1.8 dla 5000K

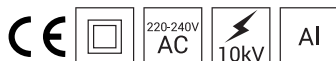
Input voltage frequency: 50 - 60Hz

Diffuser: frosted made of polymethyl methacrylate (PMMA)

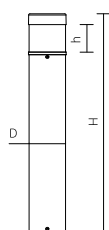
Diffuser height h: 113mm

Diameter D: 150mm

Power factor: ≥ 0.9



Code	Symbol	LED power	Luminaire power consumption	Colour temperature (CCT)	Luminous flux	Luminous efficacy	LED forward current	Height H	Total net weight	Concrete footing / reinforcement basket
45200/3/C...	KARIN 450 LED	16W	21W	3500K	1150lm	55lm/W	700mA	455mm	3kg	B-0 / Z-0
45200/4/C...	KARIN 450 LED	16W	21W	4000K	1430lm	68lm/W	700mA	455mm	3kg	B-0 / Z-0
45200/6/C...	KARIN 450 LED	16W	21W	5000K	1500lm	71lm/W	700mA	455mm	3kg	B-0 / Z-0
45210/3/C...	KARIN 600 LED	16W	21W	3500K	1150lm	55lm/W	700mA	575mm	3,5kg	B-0 / Z-0
45210/4/C...	KARIN 600 LED	16W	21W	4000K	1430lm	68lm/W	700mA	575mm	3,5kg	B-0 / Z-0
45210/6/C...	KARIN 600 LED	16W	21W	5000K	1500lm	71lm/W	700mA	575mm	3,5kg	B-0 / Z-0
45220/3/C...	KARIN 900 LED	16W	21W	3500K	1150lm	55lm/W	700mA	875mm	4,2kg	B-0 / Z-0
45220/4/C...	KARIN 900 LED	16W	21W	4000K	1430lm	68lm/W	700mA	875mm	4,2kg	B-0 / Z-0
45220/6/C...	KARIN 900 LED	16W	21W	5000K	1500lm	71lm/W	700mA	875mm	4,2kg	B-0 / Z-0
45230/3/C...	KARIN 1200 LED	16W	21W	3500K	1150lm	55lm/W	700mA	1175mm	5,5kg	B-0A / Z-0A
45230/4/C...	KARIN 1200 LED	16W	21W	4000K	1430lm	68lm/W	700mA	1175mm	5,5kg	B-0A / Z-0A
45230/6/C...	KARIN 1200 LED	16W	21W	5000K	1500lm	71lm/W	700mA	1175mm	5,5kg	B-0A / Z-0A
45232/3/C...	KARIN 1200W LED	16W	21W	3500K	1150lm	55lm/W	700mA	1175mm	6,8kg	B-0A / Z-0A
45232/4/C...	KARIN 1200W LED	16W	21W	4000K	1430lm	68lm/W	700mA	1175mm	6,8kg	B-0A / Z-0A
45232/6/C...	KARIN 1200W LED	16W	21W	5000K	1430lm	68lm/W	700mA	1175mm	6,8kg	B-0A / Z-0A



1) tolerance +/- 3% due to LEDs accuracy

Directive: 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