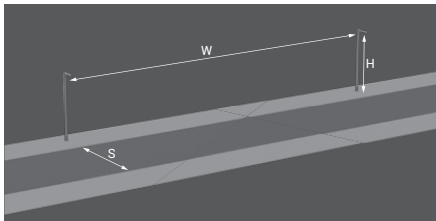


Lighting sets LED

## CORE LED

Lighting example



Residential street

CORE LED 48W, DW optics

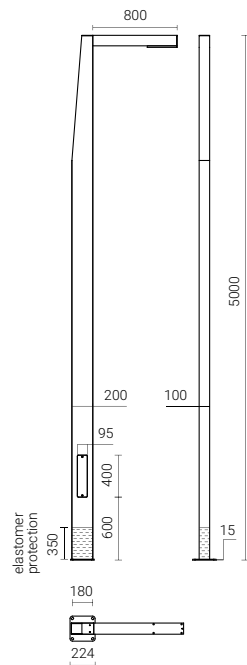
Parameters:

H – lighting sets height: 5 m

W – pole spacing: 27 m

S – road width: 6 m

Lighting class P2



**Application:** residential streets, office buildings surrounding, parks, pedestrian walkways

**Ingress protection:** IP 66 for the optical part and the driver

**Material:** anodised aluminium profiles

**Colour:** graphite / black

**Optical system:** PMMA optics, interchangeable LED module

**Decorative elements:** strip of exotic wood

**Number of LEDs:** 12 (for 24 W), 24 (for 48 W)

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

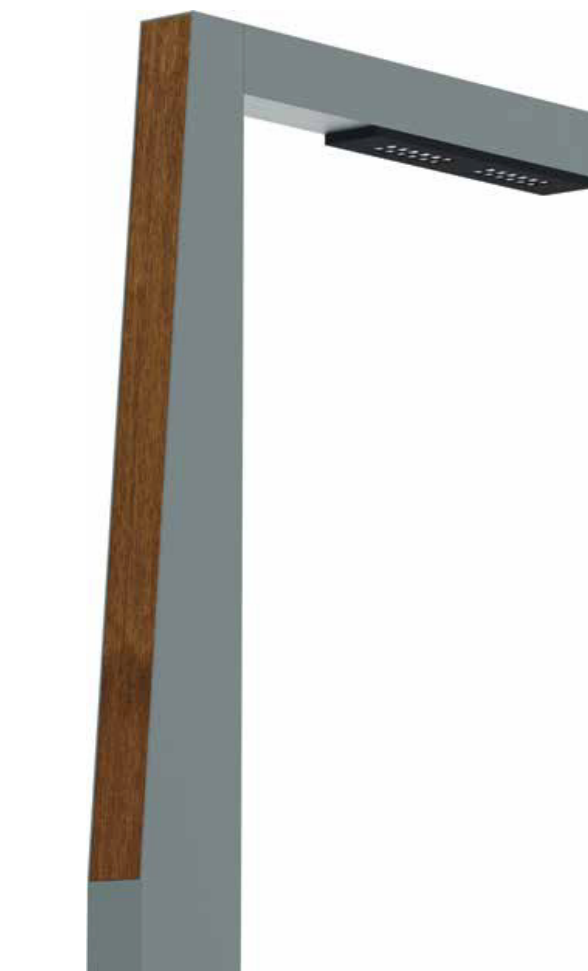
**CRI:** for 4000 K, 5000 K > 70, for 3500 K > 80

**Unit volume:** 1,75 m<sup>3</sup>

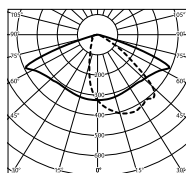
**Input voltage frequency:** 50/60 Hz

**Power factor:** ≥ 0.95

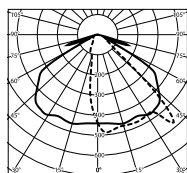
Lighting set CORE LED has the possibility to connect to an external control system via DALI interface (optionally via analog signal 1-10 V).



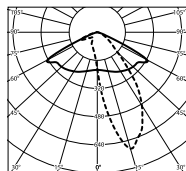
DW



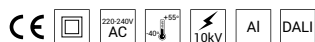
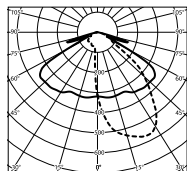
ME



T2



T3



Code	Name	Height H	LED power	Luminaire power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux	Luminaire luminous flux	Luminous efficacy	Total net weight	Concrete footing / reinforcement basket
216530/3/...	CORE LED 24	5 m	24 W	31 W	700 mA	3500 K	3500 lm	2650 lm	86 lm/W	42 kg	B-50 / Z-50
216530/4/...	CORE LED 24	5 m	24 W	31 W	700 mA	4000 K	3900 lm	2750 lm	89 lm/W	42 kg	B-50 / Z-50
216530/6/...	CORE LED 24	5 m	24 W	31 W	700 mA	5000 K	4100 lm	2900 lm	94 lm/W	42 kg	B-50 / Z-50
216533/3/...	CORE LED 48	5 m	48 W	55 W	700 mA	3500 K	7000 lm	5250 lm	95 lm/W	42 kg	B-50 / Z-50
216533/4/...	CORE LED 48	5 m	48 W	55 W	700 mA	4000 K	7300 lm	5400 lm	98 lm/W	42 kg	B-50 / Z-50
216533/6/...	CORE LED 48	5 m	48 W	55 W	700 mA	5000 K	8150 lm	5700 lm	104 lm/W	42 kg	B-50 / Z-50

/... Symbol of selected optical system