



Installation: -

Ingress protection: IP 66

Material: anodised aluminium alloy

Colour: graphite / black

Optical system: PMMA optics, interchangeable LED module

Number of LEDs: 12 for 24W; 24 for 48W

Operating temperature range: from -40°C to +55°C

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

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

Corrective factor S/P: – for 5000K, 4000K, 3500K

Input voltage frequency: 50 - 60Hz

Power factor: ≥0.95

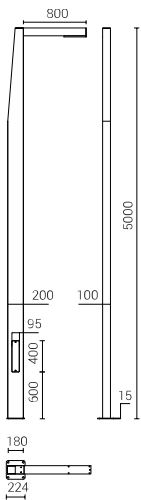
Inrush electric current: for 24W, 48W

Concrete footing / reinforcement basket type: B-50 / Z-50

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



Code	Symbol	Height [H]	LED power	Luminaire Power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux ²⁾	Luminaire luminous flux ²⁾	Luminous efficacy	Unit volume	Net weight
216530/3/...¹⁾	CORE LED 24	5m	24W	31W	700mA	3500K	3 500lm	2650lm	86lm/W	1,75m ³	42kg
216530/4/...¹⁾	CORE LED 24	5m	24W	31W	700mA	4000K	3 900lm	2750lm	89lm/W	1,75m ³	42kg
216530/6/...¹⁾	CORE LED 24	5m	24W	31W	700mA	5000K	4 100lm	2900lm	94lm/W	1,75m ³	42kg
216533/3/...¹⁾	CORE LED 48	5m	48W	55W	700mA	3500K	7 000lm	5250lm	95lm/W	1,75m ³	42kg
216533/4/...¹⁾	CORE LED 48	5m	48W	55W	700mA	4000K	7 300lm	5400lm	98lm/W	1,75m ³	42kg
216533/6/...¹⁾	CORE LED 48	5m	48W	55W	700mA	5000K	8 150lm	5700lm	104lm/W	1,75m ³	42kg



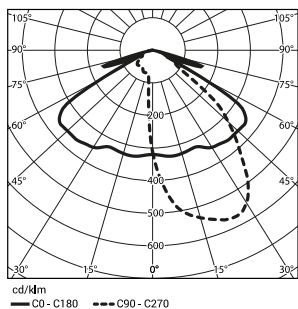
1) Symbol of chosen optical system eg. 216530/6/T2 is CORE LED 24 5000K with T2 optical system

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

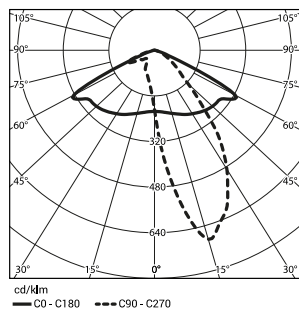
Directive: 2014/35/UE (Official Journal of the UE L 96/357 29.03.2014), 2014/30/UE (Official Journal of the UE L 96/79 29.03.2014), 2011/65/UE, 2009/125/EC

Finish: option of elastomer protection in the colour of LED lighting sets up to the height of 350 mm (as standard for CI63, CI65, CI75, CI78 interference colors)

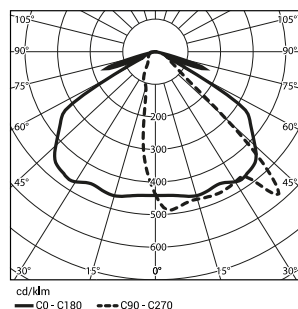
T3



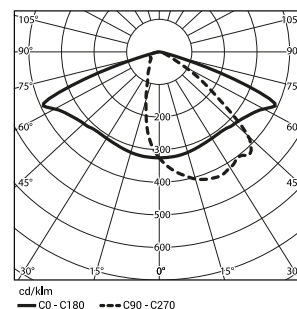
T2



ME



DW



Luminaire CORE LED in standard has following functions of intelligent power supply:

- Connection to outside control system by DALI interface (operation of analog signal 1-10V as an option),
- Possibility of programming multistage dimming of luminaire, up to 5 intervals in the range of from 10 to 100% of nominal power,
- Temperature protection of LED module (from overheating) in case of unintentional luminaire operation during the,
- Regulation of power / luminous flux – the option of setting another value than the catalogue in the range of 30-100% of nominal one,

Acceptable quantity of luminaires CORE LED on one circuit, protected by:

Overcurrent switches MCB type B or C

Luminaire	Type	2A	4A	6A	10A	16A	20A	25A
CORE LED 24W	B	2	4	8	12	20	25	31
	C	2	8	12	20	34	41	52
CORE LED 48W	B	1	2	4	6	11	13	17
	C	1	4	6	11	18	22	28

Fuse – type gG and GL

Luminaire	2A	4A	6A	10A	16A	20A	25A
CORE LED 24W	4	9	14	25	39	50	62
CORE LED 48W	4	8	11	19	30	38	47