



TECHNICAL DATA

Application	residential roads (internal), surrounding office buildings, parks, pedestrians
Ingress protection	IP 65 for the optical part and the driver
Optical system	white diffuser made of UV-resistant PC; aluminium decorative elements
Material	anodised aluminium alloy
Unit volume	0,12 m³
Expected useful lifetime	L90B10 - 100 000 h
CRI	>70
Inrush current	46 A / 250 µs
Input voltage frequency	50/60Hz
Power factor	≥0.95
Number of LED	24
Control system	LED lighting column has the possibility to connect to an external control system via DALI interface (optionally via analog signal 1-10V).



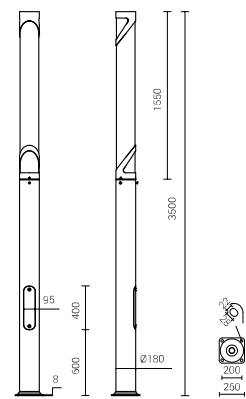
Code	Symbol	Height of the column [H]	LED power	Luminaire power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux¹	Luminaire luminous flux¹	Luminous efficacy¹	Concrete footing / reinforcement basket type	Fasteners	Net weight
42923/4/C...	SAL DECO-3 LED	3 500 mm	48 W	55 W	700 mA	4000 K	9150 lm	4500 lm	82 lm/W	B-51 / Z-51	4008	28 kg

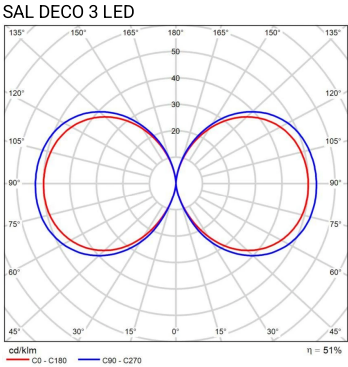
1) tolerance +/- 5% due to LEDs accuracy

DIRECTIVES AND STANDARDS

DIRECTIVES: 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 RoHS (Official Journal of the UE L 174/88 01.07.2011), 2009/125/EC(Official Journal of the UE L 285/10 31.10.2009)
STANDARDS: PN-EN IEC 60598-1: 2021-7, PN-EN 60598-2-3: 2006, PN-EN 60529: 2003, PN-EN 62262: 2003, PN-EN 62471:2010, PN-EN 55015: 2019, PN-EN 61547: 2009, PN-EN 61000-3-2: 2019 , PN-EN 61000-3-3: 2014

Lighting parameters presented based on laboratory tests according to IESNA LM-79-19





POWER SYSTEM FUNCTIONS

Luminaire 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,
- Regulation of power / luminous flux – the option of setting another value than the catalogue in the range of 30-100% of nominal one,

Overcurrent switches MCB type B or C

Lighting set	Typ	2A	4A	6A	10A	16A	20A	25A
SAL DECO-3 LED	B	1	2	4	6	10	12	15
	C	1	4	6	10	17	20	26

Fuse – type gG and GL

Lighting set	2A	4A	6A	10A	16A	20A	25A
SAL DECO-3 LED	0	4	8	11	22	31	44