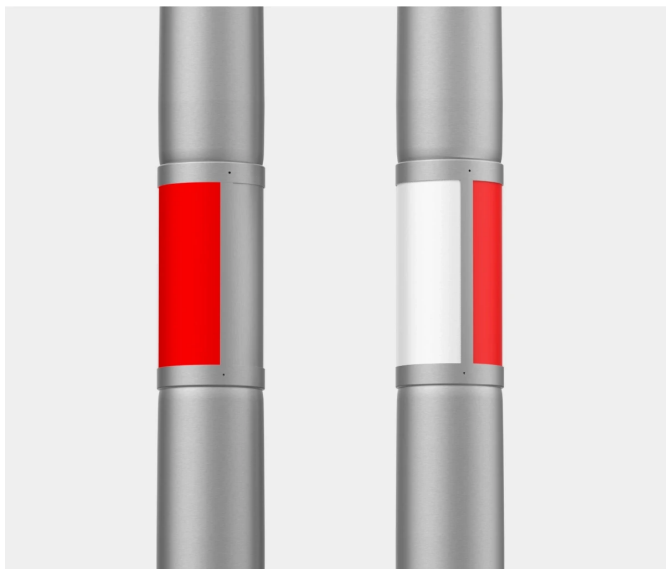




TECHNICAL DATA

Diffuser	PMMA
Application	motorways and expressway, urban roads, parkings
Ingress protection	IP 66 for the optical part and the driver
Material	anodised aluminium alloy
Unit volume	0,67 m³ (SAL 9 WŁN 1/1,5/1,7/5 EDGE) 0,74 m³ (SAL 10 WŁN 1/1,5/2,7/5 EDGE)
Operating temperature range	from -40°C to +55°C
Expected useful lifetime	L80B20 – 100 000 h
CRI	>70
Inrush current	18 A / 280 μs
Input voltage frequency	50/60Hz
Power factor	≥0.95
Control system	LED lighting set has the possibility to connect to an external control system via DALI interface (optionally via analog signal 1-10V).



TABLE OF VARIANTS

Code	Symbol	Height of the column [H]	LED power	Luminaire power consumption	Colour temperature (CCT)	Luminaire luminous flux ¹	Luminous efficacy ¹	Concrete footing / reinforcement basket type	Net weight
4273027/3/... ²	SAL 9 WŁN 1/1,5/1,7/5 EDGE-1	9 m	10 W	14 W	3500 K	1150 lm	82 lm/W	B-71 / Z-71	45.3 kg
4273027/6/... ²	SAL 9 WŁN 1/1,5/1,7/5 EDGE-1	9 m	10 W	14 W	5000 K	1150 lm	82 lm/W	B-71 / Z-71	45.3 kg
4273127/3/... ²	SAL 10 WŁN 1/1,5/2,7/5 EDGE-1	10 m	10 W	14 W	3500 K	1150 lm	82 lm/W	B-71 / Z-71	47.4 kg
4273127/6/... ²	SAL 10 WŁN 1/1,5/2,7/5 EDGE-1	10 m	10 W	14 W	5000 K	1150 lm	82 lm/W	B-71 / Z-71	47.4 kg
4273029/3/... ²	SAL 9 WŁN 1/1,5/1,7/5 EDGE-2	9 m	20 W	26 W	3500 K	2350 lm	90 lm/W	B-71 / Z-71	45.3 kg
4273029/6/... ²	SAL 9 WŁN 1/1,5/1,7/5 EDGE-2	9 m	20 W	26 W	5000 K	2350 lm	90 lm/W	B-71 / Z-71	45.3 kg
4273129/3/... ²	SAL 10 WŁN 1/1,5/2,7/5 EDGE-2	10 m	20 W	26 W	3500 K	2350 lm	90 lm/W	B-71 / Z-71	47.4 kg
4273129/6/... ²	SAL 10 WŁN 1/1,5/2,7/5 EDGE-2	10 m	20 W	26 W	5000 K	2350 lm	90 lm/W	B-71 / Z-71	47.4 kg

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

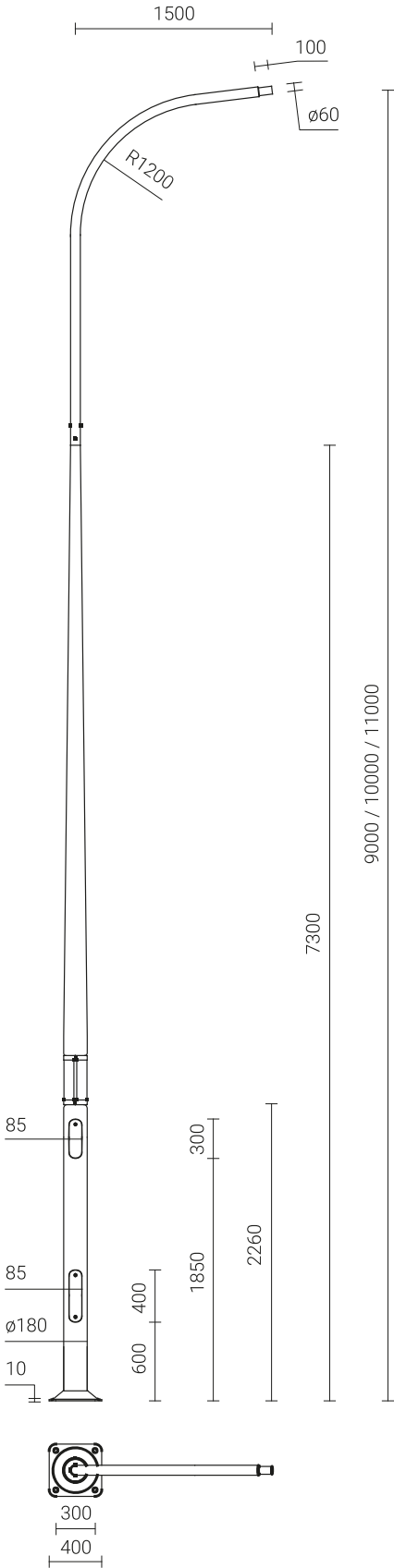
DIRECTIVES AND STANDARDS

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

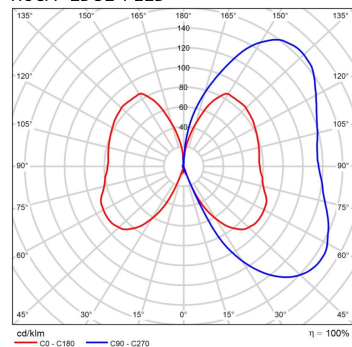
Lighting parameters presented based on laboratory tests according to IESNA LM-79-19

TECHNICAL DRAWING

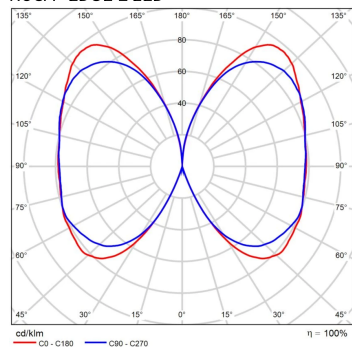


PHOTOMETRIC CURVES

ROSA - EDGE-1 LED



ROSA - EDGE-2 LED



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,

EDGE-1 LED



Colour: green
Code: **4273127/G**



Colour: blue
Code: **4273127/B**



Colour: red
Code: **4273127/R**

EDGE-2 LED



Colour: green
Code: **4273129/G/G**



Colour: blue
Code: **4273129/B/B**



Colour: red
Code: **4273129/R/R**

Colour 1
Colour 2
Available colours:
R – red
G – green
B – blue
6 – white 5000 K
3 – white 3500 K



Colour: green/red
Code: **4273129/G/G**



Colour: blue/red
Code: **4273129/B/B**



Colour: white/red
Code: **4273129/R/R**

SAL 10 WLN 1/1,5/2,7/5 EDGE-1
Code: **4273127**/colour 1
SAL 10 WLN 1/1,5/2,7/5 EDGE-2
Code: **4273129**/colour 2

ACCEPTABLE HEIGHT

EDGE LED	Acceptable height of the LED lighting set			
Field category	I zone Vref. = 22 m/s	I & III zone, up to 450m a.s.l. Vref. = 24 m/s	II zone Vref. = 26 m/s	III zone up to 755m a.s.l. Vref. = 28 m/s
I	10	10	9	-
II	11	10	10	9
III	11	11	11	10
IV	11	11	11	10