

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
Operating temperature range	from -40°C to +55°C
Expected useful lifetime	L80B20 – 100 000 h
CRI	>70
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).

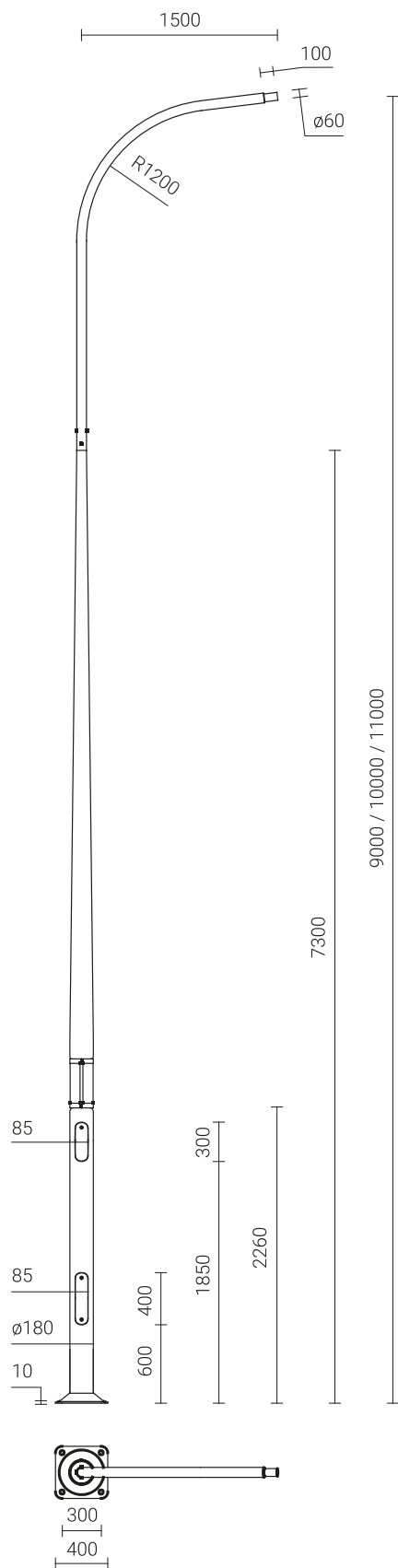


TABLE OF TYPES

Code	Symbol	Height of the column [H]	LED power	Luminaire power consumption	Colour temperature (CCT)	Luminaire luminous flux ¹	Luminous efficacy ¹	Unit volume	Concrete footing / reinforcement basket type	Net weight
4273027/3/... ²	SAL 9 WLN 1/1,5/1,7/5 EDGE-1	9 m	10 W	14 W	3500 K	1150 lm	82 lm/W	0.67 m ³	B-71 / Z-71	45.3 kg
4273027/6/... ²	SAL 9 WLN 1/1,5/1,7/5 EDGE-1	9 m	10 W	14 W	5000 K	1150 lm	82 lm/W	0.67 m ³	B-71 / Z-71	45.3 kg
4273127/3/... ²	SAL 10 WLN 1/1,5/2,7/5 EDGE-1	10 m	10 W	14 W	3500 K	1150 lm	82 lm/W	0.74 m ³	B-71 / Z-71	47.4 kg
4273127/6/... ²	SAL 10 WLN 1/1,5/2,7/5 EDGE-1	10 m	10 W	14 W	5000 K	1150 lm	82 lm/W	0.74 m ³	B-71 / Z-71	47.4 kg
4273029/3/... ²	SAL 9 WLN 1/1,5/1,7/5 EDGE-2	9 m	20 W	26 W	3500 K	2350 lm	90 lm/W	0.67 m ³	B-71 / Z-71	45.3 kg
4273029/6/... ²	SAL 9 WLN 1/1,5/1,7/5 EDGE-2	9 m	20 W	26 W	5000 K	2350 lm	90 lm/W	0.67 m ³	B-71 / Z-71	45.3 kg
4273129/3/... ²	SAL 10 WLN 1/1,5/2,7/5 EDGE-2	10 m	20 W	26 W	3500 K	2350 lm	90 lm/W	0.74 m ³	B-71 / Z-71	47.4 kg
4273129/6/... ²	SAL 10 WLN 1/1,5/2,7/5 EDGE-2	10 m	20 W	26 W	5000 K	2350 lm	90 lm/W	0.74 m ³	B-71 / Z-71	47.4 kg

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

TECHNICAL DRAWING



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,
- 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,

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

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



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



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



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

ACCEPTABLE HEIGHT

EDGE LED	Acceptable height of the LED lighting set			
	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