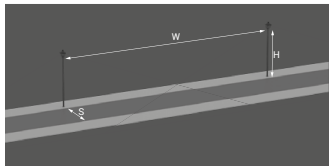


Luminaires LED
OS-1 LED



Lighting example



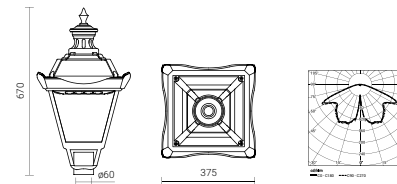
Park avenue

OS-1 LED

Parameters:
H – luminaire mounting height: 4 m
W – pole spacing: 19 m
S – road width: 4 m

Lighting class P3

Application: parks, pedestrian walkways
Installation: on S and SP type columns with spigot type B, on bracket configurations, on wall brackets KR, KP columns, extension arms, aluminium wall brackets with $\phi 60 \times 60$ mm ending
Ingress protection: : IP 66 for the optical part, IP 54 for the driver
Material: body – UV resistant polypropylene with glass fiber.
Colour: black / LED panel inox
Optical system: PMMA optics
Number of LEDs: 16
Expected useful lifetime: L90F10 – 50 000 h, L80F20 – 100 000 h
CRI: >70 for 5 000 K, 4 000 K; >80 for 3 500 K, 2 700 K
Unit volume: 0,1 m³
Input voltage frequency: 50/60 Hz
Power factor: $\geq 0,95$
 Luminaire OS-1 LED has the possibility to connect to an external



Code	Name	LED power	Luminaire power consumption	LED forward current	Colour temperature	LEDs luminous flux	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
211331/1/_	OS-1 LED 32	32 W	36 W	700 mA	2 700 K	4 950 lm	3 600 lm	100 lm/W	5,2 kg
211331/3/_	OS-1 LED 32	36 W	36 W	700 mA	3 500 K	5 150 lm	3 750 lm	104 lm/W	5,2 kg
211331/4/_	OS-1 LED 32	32 W	36 W	700 mA	4 000 K	5 900 lm	4 250 lm	118 lm/W	5,2 kg
211331/6/_	OS-1 LED 32	32 W	36 W	700 mA	5 000 K	5 900 lm	4 250 lm	118 lm/W	5,2 kg

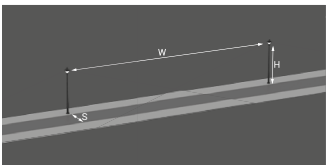


Luminaires LED

OS-11 LED



Lighting example



Sidewalk OS-11 LED, frosted diffuser

Parameters:
H – luminaire mounting height: 3.7 m
W – pole spacing: 30 m
S – sidewalk width: 4 m

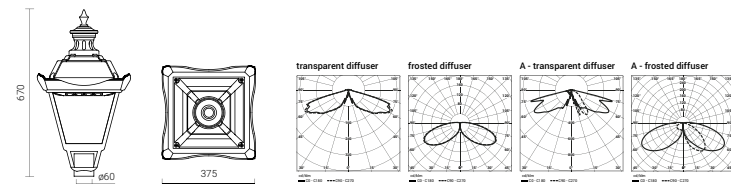
Lighting class P3



Application: parks, pedestrian walkways
Installation: on S and SP type columns with spigot type B, on bracket configurations on wall brackets KR, KP columns, extension arms, aluminium wall brackets with ø60x60 mm ending
Ingress protection: IP 66 for the optical part, IP 54 for the driver
Material: body – UV resistant polypropylene with glass fiber
diffuser – frosted or transparent (PMMA)

Colour: black
Expected useful lifetime: L90F10 – 50 000 h, L80F20 – 100 000 h
CRI: >70 for 5 000 K, 4 000 K; >80 for 3 500 K, 2 700 K
Unit volume: 0.1 m³
Input voltage frequency: 50/60 Hz
Power factor: ≥ 0,95

Luminaire OS-11 LED has the possibility to connect to an external control system via DALI interface (optionally via analog signal 1-10 V).



Code	Name	Diffuser	LED power	Luminaire power consumption	LED forward current	Colour temperature	LEDs luminous flux	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
2110050/1	OS-11 LED	frosted	38 W	42 W	800 mA	2 700 K	4 650 lm	3 650 lm	87 lm/W	5,3 kg
2110050/3	OS-11 LED	frosted	38 W	42 W	800 mA	3 500 K	4 900 lm	3 850 lm	92 lm/W	5,3 kg
2110050/4	OS-11 LED	frosted	38 W	42 W	800 mA	4 000 K	6 300 lm	4 950 lm	118 lm/W	5,3 kg
2110050/6	OS-11 LED	frosted	38 W	42 W	800 mA	5 000 K	6 300 lm	4 950 lm	118 lm/W	5,3 kg
2112050/1	OS-11 LED	transparent	38 W	42 W	800 mA	2 700 K	4 650 lm	3 800 lm	90 lm/W	5,3 kg
2112050/3	OS-11 LED	transparent	38 W	42 W	800 mA	3 500 K	4 900 lm	4 000 lm	95 lm/W	5,3 kg
2112050/4	OS-11 LED	transparent	38 W	42 W	800 mA	4 000 K	6 300 lm	5 150 lm	123 lm/W	5,3 kg
2112050/6	OS-11 LED	transparent	38 W	42 W	800 mA	5 000 K	6 300 lm	5 150 lm	123 lm/W	5,3 kg
2110050/1/A	OS-11 LED	frosted	38 W	42 W	800 mA	2 700 K	4 650 lm	3 500 lm	83 lm/W	5,3 kg
2110050/3/A	OS-11 LED	frosted	38 W	42 W	800 mA	3 500 K	4 900 lm	3 700 lm	88 lm/W	5,3 kg
2110050/4/A	OS-11 LED	frosted	38 W	42 W	800 mA	4 000 K	6 300 lm	4 750 lm	113 lm/W	5,3 kg
2110050/6/A	OS-11 LED	frosted	38 W	42 W	800 mA	5 000 K	6 300 lm	4 750 lm	113 lm/W	5,3 kg
2112050/1/A	OS-11 LED	transparent	38 W	42 W	800 mA	2 700 K	4 650 lm	3 650 lm	87 lm/W	5,3 kg
2112050/3/A	OS-11 LED	transparent	38 W	42 W	800 mA	3 500 K	4 900 lm	3 850 lm	92 lm/W	5,3 kg
2112050/4/A	OS-11 LED	transparent	38 W	42 W	800 mA	4 000 K	6 300 lm	4 950 lm	118 lm/W	5,3 kg
2112050/6/A	OS-11 LED	transparent	38 W	42 W	800 mA	5 000 K	6 300 lm	4 950 lm	118 lm/W	5,3 kg