



LED street/park light model FLAT60

Equipment type:	LED street light
Type/Model:	FLAT60
Nominal voltage:	230 V AC – 50 Hz
Working voltage:	110 to 275 V AC
Working frequency:	0 to 200 Hz
Efficiency:	> 93%
Power factor:	> 0,97 (internally integrated power factor correction)
Nominal power:	30 to 60 W
Luminous efficacy:	> 102 lm/W with 4200 to 6000 K color LEDs (> 83 lm/W with 2700 K color LEDs)
LED color:	4200 to 6500 K (2700 K optional)
Color rendering index (CRI):	> 80 (Ra > 70 for 4500 do 7000 K LEDs)
Working temperature:	- 30 °C to +70 °C
Storage temperature:	- 5 °C to +70 °C
Humidity:	0 % to 100%
Lamp dimensions:	Ø550 x 21 mm (diameter x thickness) without support
Mass:	About 4 to 8 kg with support (depend of support length)
Environmental protection:	IP66
Support lengths:	10 cm, 50 cm, 100 cm, 150 cm or other
Material:	Aluminum / polycarbonate
Color:	Originally Gray and White (optional colors are available)
Expected lifespan:	5 to 12 years
Light intensity loss:	Loss of 9% to 15% expected for each 3 years of life (climate dependent)
Additional:	Model FLAT60-S has ability of scanning night length and reducing intensity after half of next night for extra energy savings
Other:	Temperature compensated and surge protected
Purpose:	Public roads, pedestrian lanes, parkings and parks for light classes from S5 to S2 (EN 13201 compliant)
Mounting height:	4 do 6 m

