



LED street light model FLAT70

Equipment type:	LED street light	
Type/Model:	FLAT70	
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:	40 to 70 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:	660 x 330 x 21 mm (length x width x thickness) without support	
Mass:	About 5 to 9 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 FLAT70-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 for light classes from S3 to ME3 - ME2 optional (EN 13201 compliant)	
Mounting height:	6 to 9 m	

