



STP
studiothesiaprogetti

**STREETLED S1MA
MAIN SPECIFICATIONS**

Applications	Street lighting
Optics	Custom high-efficiency reflectors / Secondary optics on individual LEDs
Colour temperature	1: Cold White 5,500K; 2: Warm White 3,000K; 8: Neutral White 4,000K, CRI ≥ 70
CRI and colour difference (SDCM)	Min. 70, 80 upon request Color difference among several devices: Max. 5 step MacAdam
Photobiological compliance	Exempt Group
Insulation class	Class I (1) / Class II (2) upon request
Protection rating	IK08, Optical compartment IP66
Cable harness	Internal connections
Dimensions	674x360x161 mm
Weight	12.5 Kg

ELECTRICAL SPECIFICATIONS

Rated voltage	220-240 V 50/60 Hz
LED current	350 - 525 - 700 mA
Power factor	> 0.9 (full load)
Control technology	Up to 3 time intervals programmable dimming upon request
Overvoltage protection	10kV common mode / 8kV differential mode - Optional SPD with In=5kA
LED life expectancy (T_{amb} -10°C to 40°C)	350 (F) - 525 (E) - 700 (D) mA L80 B10 > 90,000 hr

MATERIALS

Mounting	Suitable for 60/76 mm diameter poles
Frame and heatsink	System equipped with anti-condensation valve for air reflow
Optics	Custom high-efficiency reflectors / Secondary optics on individual LEDs
Screen	Flat tempered glass thickness 4 mm, thermal and impact shock resistant UNI-EN 12150-1

CODING

product code	optic type	LED colour	power	clusters	class	dimming	surge suppression
S1MAG	1 (Parking 1)	1	D	2	1	N (No dimm.)	S (Standard 6Kv)
	2 (Street)	2	E	4	2	2 (4hr 50%)	A (Augm. 10Kv)
	5 (Narrow)	8	F	6		5 (8hr 50%)	
	6 (Regular)						
	8 (Wide)						

Product specifications may vary at any time and will be confirmed at time of order.
Values shown are calculated with +/- 5% tolerance.

INPUT POWER AND FLUX STREET
(T_{amb}=25°C, T_r=85°C, T_c=4000K)

StreetLED F4	104 W	10,628 lm
StreetLED F6	156 W	15,942 lm
StreetLED E4	158 W	15,222 lm
StreetLED D4	214 W	19,442 lm
StreetLED E6	238 W	22,832 lm
StreetLED D6	270 W	24,570 lm

INPUT POWER AND FLUX PARKING
(T_{amb}=25°C, T_r=85°C, T_c=4000K)

StreetLED F4	104 W	12,688 lm
StreetLED F6	156 W	19,042 lm
StreetLED E4	158 W	18,170 lm
StreetLED D4	214 W	23,440 lm
StreetLED E6	238 W	26,270 lm
StreetLED D6	270 W	33,822 lm

In combination with code MTW05629 for wall/side mounting

