



l'intelligence
solaire solar
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MADE IN FRANCE



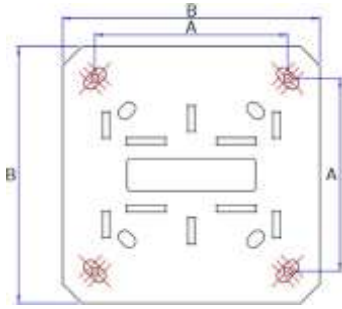
TOTEM

SOLAR STREET LAMP

SMART AND CONNECTED

LIGHTING	LED module	High efficiency LED light engine -Multichip Technology (IP 67)
	Luminous flux	3500 lumens
	Consumption	20 W
	Lighting efficacy	Up to 175 lm/W (4000 K)
	Color temperature options	2700 K, 3000 K & 4000 K
	Lifespan	50 000 hours
	Certificates	EN 62031, EN 62471
PANNEAU SOLAIRE	Technology	Photovoltaic module (Monocrystalline silicon)
	Power	150 Wc (6x25 Wc) to 200 Wc (8x25 Wc)
	Electrical characteristics (per panel)	VOC : 17,12 V / VMPP : 14,8 V / ISC : 1,91 A / IMPP : 1,83 A / 24 cells
	Dimensions (per panel)	1000 x 208 mm
	Lifespan	> 20 years at 80% of initial power
	Inclination	Vertical
	Structure	Frameless
	Certificates	IEC 61215 ; IEC 61730 I and II
BATTERIE	Battery technology	NiMH battery, maintenance free, extreme temperature resistance
	Voltage	24 V
	Capacity	240 Wh
	Operating temperature range	-40 °F to +158 °F
	Lifespan	12 years
	Certificates	EN 62133
ELECTRONIQU	Technology	SunnaCore©
	Communication	Bluetooth
	Input voltage	24 V
	Max. PV open circuit voltage	45 V
	Max. charge/discharge current	4,2 A
	Electrical protection	Electronic fuse
	Water resistance	IP65 with sealed plugs
	Certificates	CE ; EN61000
GENERAL	Material	Aluminum and Stainless Steel
	Dimensions	90 x 250 x 5000 mm
	Standard	IK07, EN40
	Weight	130 kg
	Options	Single side lighting

■ FOUNDATIONS CHARACTERISTICS



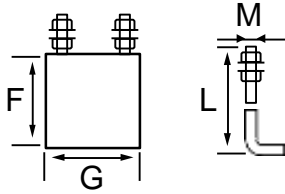
CHARACTERISTICS

Pole height	5 m
Height A	300 mm
Width B	400 mm

MASSIF (recommendations uniqueness) :

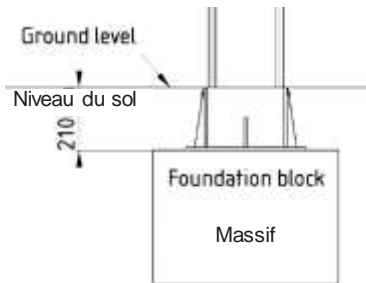
CHARACTERISTICS

Pole height	5 m
Concrete density	350 kg/m ³
Width G	700 mm
Height F	890 mm
Diameter M	M16
Width L	300 mm



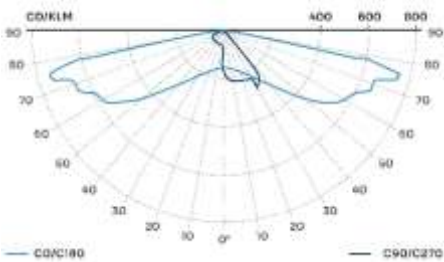
Based on local standards and soil typology. Sunna Design cannot be held responsible if the foundations of the mast are not carried out according to local standard laws.

■ INSTALLATION OPTIONS

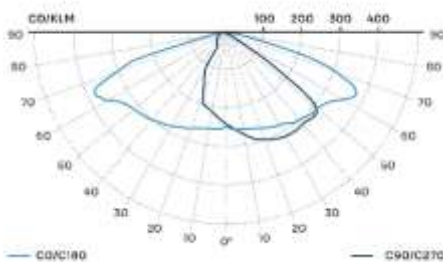


■ LIGHT DISTRIBUTION

NARROW ROAD



MEDIUM ROAD



AREA & WIDE ROAD

