Product sheet Features

AEC-SLI10-U12
Villaya Lighting SSL 01

Lighting

LED module consumption 10W	
Luminous flow	1600 lumens
Max light output	164 lm/W
Optical efficiency	92%
Color temperature	Blanche (5700 K) (4000K and 3000K available on demand)
Lifetime	50,000 hours (certified by IESNA LM-80 TM-21)
Applications	Road or square lighting

Solar panel

Solar panel technology	Monocrystalline, Horizontal
Power	50 Wp
Peak voltage	18.54 V
Lifetime	80% power after 25 years

Storage

Battery technology	NiMH (Nickel Metal Hydride) battery
Tension	12 V
stored energy	120 Wh
Operating temperatures -40°C to +70°C	
Autonomy 2 days at maximum flow	
Lifetime	12 years

Additional technical description

Dimensions (L x l x H)	1047 x 397 x 131 mm
Product weight all integrated	13kg

Mast

Recommended mast height	3 to 5 meters
Mast top diameter	60 mm

Environment

Temperature ranges	Operation: -20 to +70° C
Water resistance	IP65
Relative humidity	90%
SCx	0,08 m²

Schneider Electric

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Certifications	EN 13032-1; EN 13032-2; EN13201; EN 60598-1; ONE 62471; IEC61215;IEC 61730 I & II, EN 62133, CE, EN61000; EN61547; EN55015; EN62493; EN62479; EN300328; EN301489-1
Guarantee	6 years

Packing Information

Type	Dimensions (L x B x H in mm)	net weight (kg)	Gross weight (Kg)	Number of units
Per box	1180 x 480 x 180 13		15,5	1
Per pallet	1200 x 1000 x 1080 156		186	12

Application & Lighting program

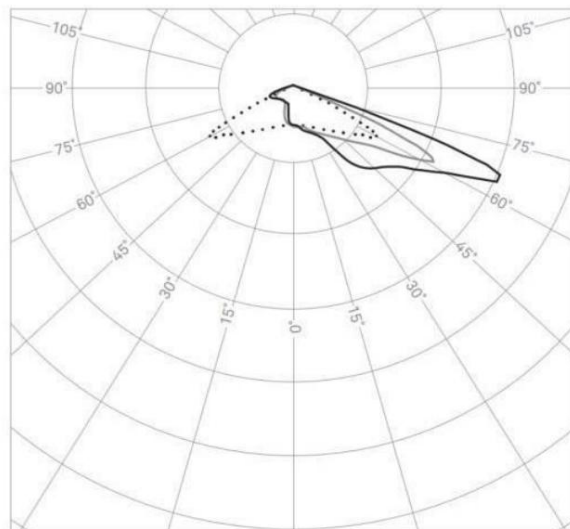|	
Technology	Application SSL Schneider
Communication	Bluetooth

Polar diagram

.... C 0–C 180   —— C 30–C 210   —— C 90–C 270