

5/17/2012 11:17 am

SS100M1 SOLAR POWERED MULTIPLE LUMINAIRES LED LIGHT SYSTEM

SAFE DC LOW VOLTAGE

EXTREMELY WIDE ASYMMETRIC LENSES

ZERO LIGHT POLLUTION

SS100M1

- HIGH ENERGY EFFICIENCY
- NO MAINTENANCE COSTS
- LONG LIFECYCLE
- HIGH QUALITY AREA ILLUMINATION
- ERGONOMICAL – CLOSE TO NATURAL LIGHT
- ECOLOGICAL – MERCURY AND LEAD FREE

SS100M1

- Automatic night/day on/off & economy late night dimming
- Autonomy in nominal mode 48 hours (4 nights)
- Autonomy in Late night dimming mode 68 hours (5.6 nights)
factory preset: 50 % illuminance decreasing after 4 hours

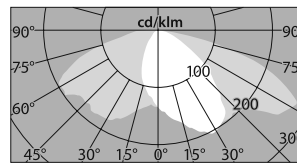
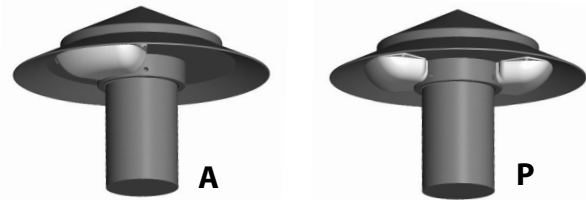
Solar Power Modul SP100M

Solar module Type	Monocrystalline, Advanced EVA encapsulation system with triple-layer back sheet
Peak power	380 Wp (2 x 190 Wp)
Lifespan	25 years
Battery Type	Sealed maintenance free, Flame retardant, Lithium technology
Capacity	200 Ah
Nominal voltage	23 V
Charging	built in intelligent charge controller (BMS & MPPT)
Lifespan	22 years (8 000 charging cycles)
Parameters of the mechanical construction:	Monoblock structure Aluminum cast alloy + Stainless steel
Dimensions (folded)	1600 x 1630 x 500 mm
Diameter of the pole at the place of fixing	from $\varnothing 70$ up to $\varnothing 160$ mm
Weight	100 kg
Additional deliveries:	Zink plated metal poles
Means of fixing the pole	underground / fundament

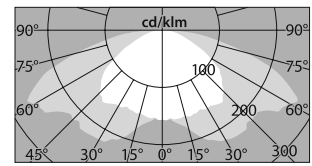
Light Sources SGdc10 (up to 10 pcs*)

Input Voltage	16 ÷ 30 V DC
LED Power	8.2 W
Power Efficiency	97 %
Total Power	9 W
LED Luminous Flux	990 lm
Junction Temperature	70°C
Optical Cover Efficiency (Matt)	90 %
Real Luminaire Efficacy (LER)	99 lm/W
Real Lamp Luminous Flux	
Outdoor White (4000 ÷ 6200 K)	789 lm
Color Rendering Index Outdoor White	CRI – 70 typical
Operating Temperature	-20° ÷ +55°C
Operating Humidity	10 ÷ 95 % RH
Lifespan L70	> 120 000 h
Ingress protection rating	IP 65
Optical cover	PMMA or polycarbonate
Installation Diameter	$\varnothing 60$ mm
Dimensions	$\varnothing 280$ x 200 mm
Weight	3,5 kg

* Different luminaire combinations possible.



SGdc10A



SGdc10P

Application SGdc10

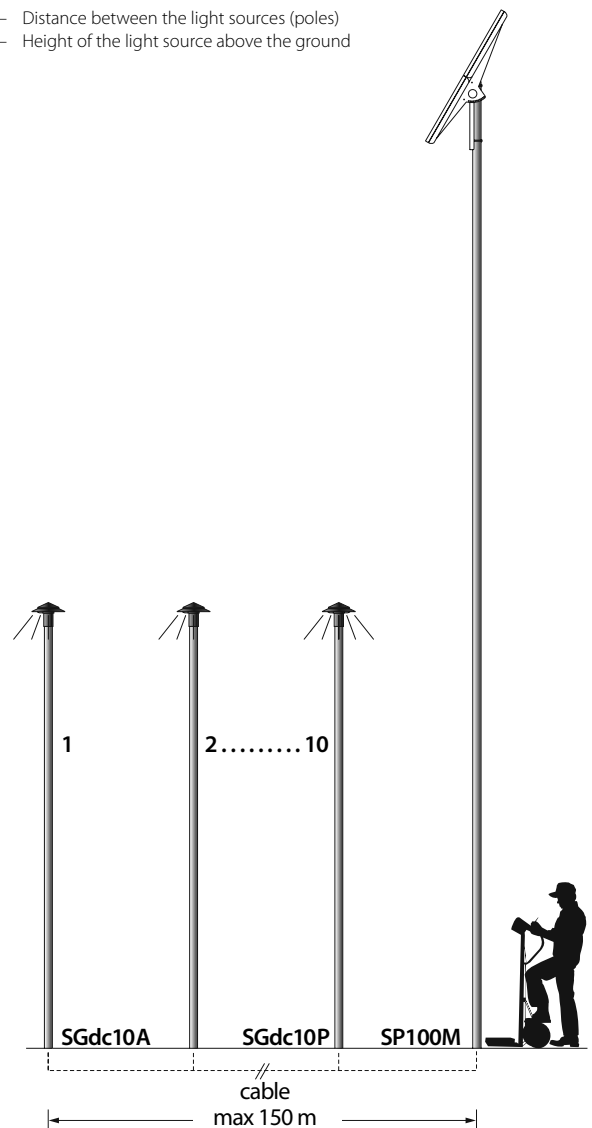
L = 8 ÷ 14 m

H = 3 ÷ 3.5 m

SGdc10A application according EU Standards

1 lane x 4 m ME5 streets L = 21 m; H = 4.5 m
(less than 60 km/h)

- L – Distance between the light sources (poles)
- H – Height of the light source above the ground



CE EN61000-6-3:1997, EN61000-6-1:1997
Quality Assurance ISO 9001:2008 AQAP 2110