SS8

AUTONOMOUS STREET LIGHT WITH SOLAR POWER SUPPLY

THE USE OF THE POWER OF THE SUN IS A GREAT CHALLENGE. THE AUTONOMOUS STREET LIGHTS OF THE SS8 FAMILY PROVIDE YOU WITH THIS FACILITY.

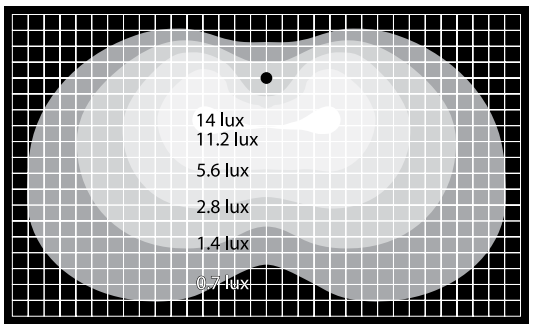
YOU MAY USE SS8 FOR LIGHTING DIFFERENT PUBLIC AND PRIVATE SITES, PARKS, ALLEYS, QUAYS, AREAS BETWEEN BUILDINGS – FREE OF TAKING CARE ABOUT THEIR MAINTENANCE.

SS8 IS AN INNOVATIVE, HIGH-TECH PRODUCT WITH A MODERN DESIGN AND UNIVERSAL APPLICATION FOR LIGHTING DIFFERENT AREAS.

SS8 A

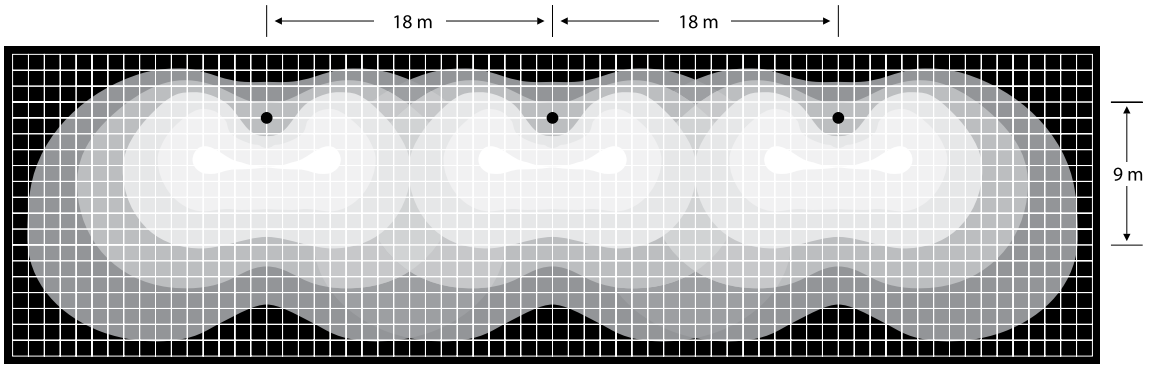
Light distribution

SS8 A **1600 lm** **h*= 4 m**

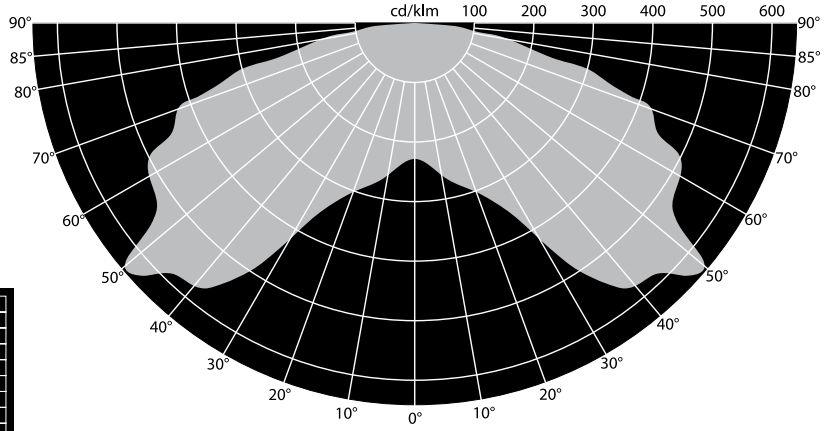


Illuminance

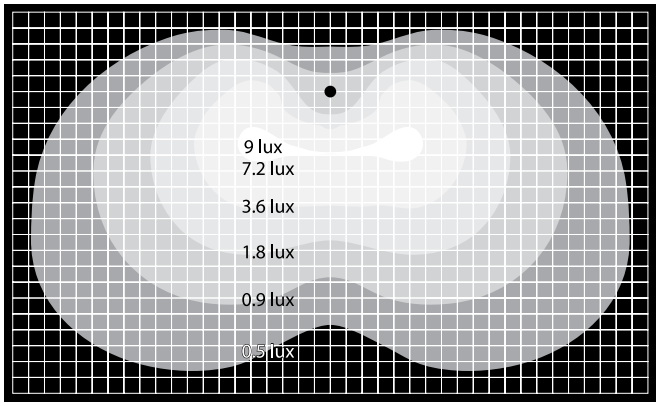
distance [m]	path with [m]	area [m^2]	E_{max} [lx]	E_{min} [lx]	k**
16	8	128	14	7	0.5
18	9	162	14	5.6	0.4
24	11	264	14	4.2	0.3
30	14	420	14	0.7	–



k = 0.4

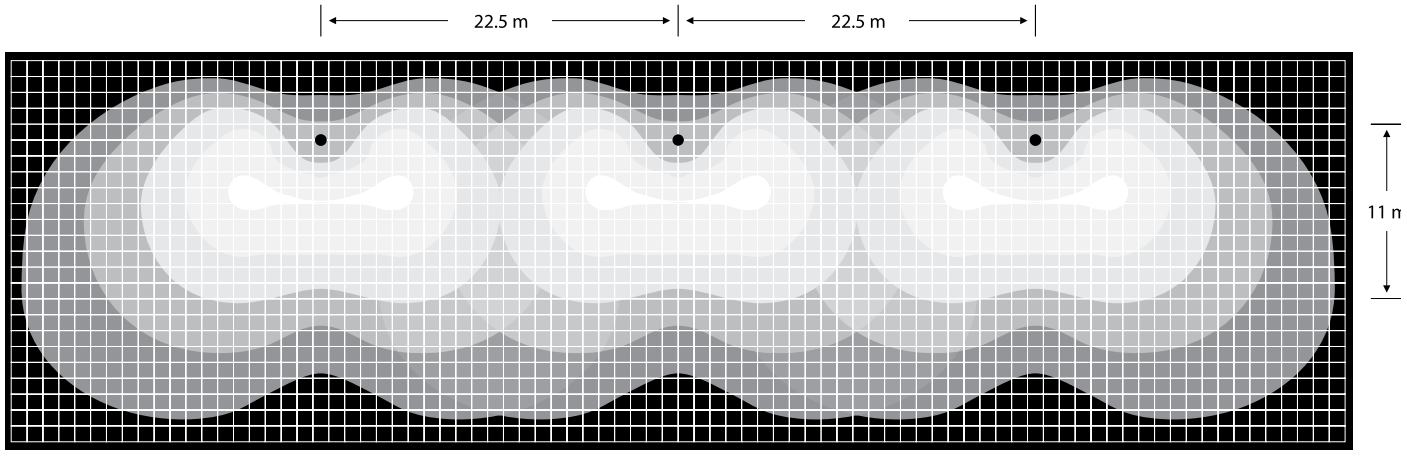


SS8 A **1600 lm** **h*= 5 m**



Illuminance

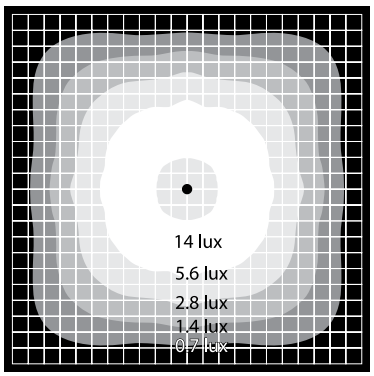
distance [m]	path with [m]	area [m^2]	E_{max} [lx]	E_{min} [lx]	k**
20	10	200	9	4.5	0.5
22.5	11	247	9	3.6	0.4
29	13	377	9	2.7	0.3
36	17	612	9	0.5	–

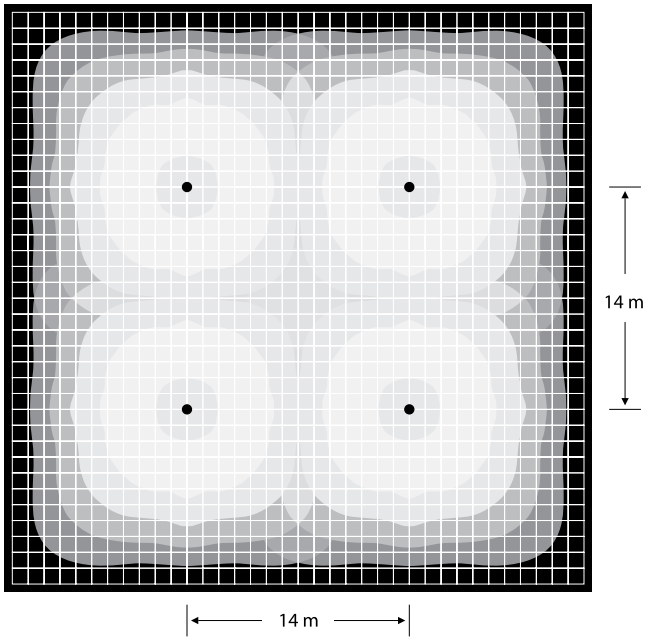


SS8 P

Light distribution

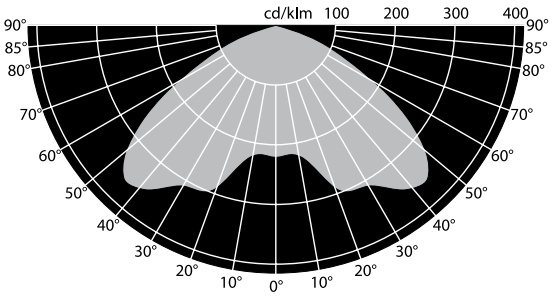
SS8 P **1600 lm** **h*= 4 m**



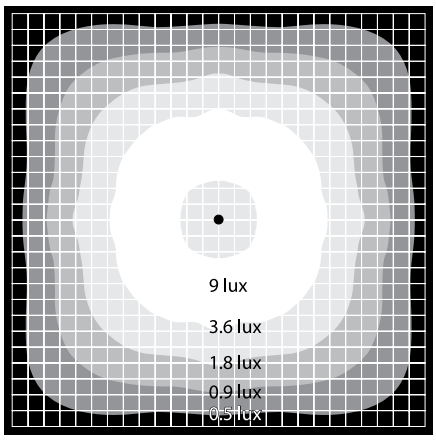


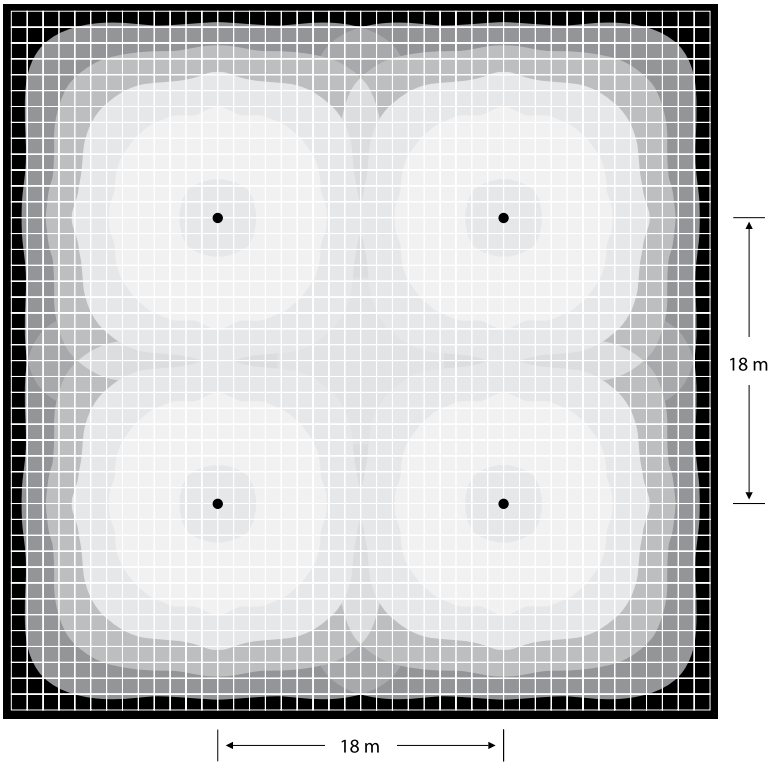
Illuminance

distance [m]	area [m^2]	E_{max} [lx]	E_{min} [lx]	k**
14	196	14	5.6	0.4
20	400	14	0.7	–



SS8 P **1600 lm** **h*= 5 m**





Illuminance

distance [m]	area [m^2]	E_{max} [lx]	E_{min} [lx]	k**
18	324	9	3.6	0.4
25	625	9	0.5	–

* h - light spot height

** k - coefficient of brightness uniformity

SS8

FEATURES

- Compact design – all components are in one common body.
- Handiness for storage and transport.
- Facility for installation on different poles and on places as per clients request.
- Facility for installation on existing poles.
- Facility for intelligent (mixed) power supply.
- Maximum efficiency in using the maximum sun lighting at the different latitudes.
- 2 different type of light spread: P end A.
- Possibility for a built in motion detector.

LIGHT CHARACTERISTICS

Light Source	High intensity LEDs	
Luminous flux	1600 lm	2200 lx (optional)
Horizontal Output	400 m2	
LED Life Expectancy	100,000 hours	50,000 hours
Management	intelligent controller	
Remote control	yes	
Autonomy	6 days operation in intelligent mode	

POWER SUPPLY

Battery Type	SLA (Sealed Lead Acid)	
Battery Capacity	36Ah	48Ah
Nominal Voltage	12V	
Charging Regulation	Integrated charge regulator	

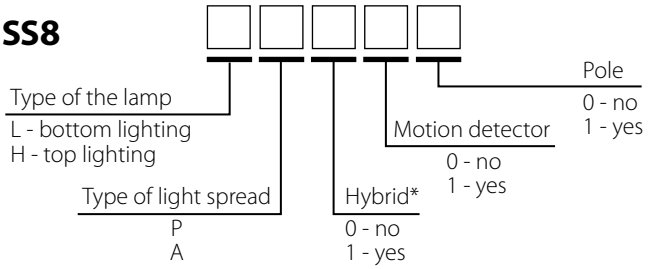
SOLAR CHARACTERISTICS

Solar Module Type	Monocrystalline
Peak Power	64 W

PHYSICAL CHARACTERISTICS – LIGHTS

Body Material	Aluminum cast alloy + Polycarbonate UV stabilized	
Height (mm)	2000	
Diameter (mm)	ø 210	
Mass (kg)	35	40

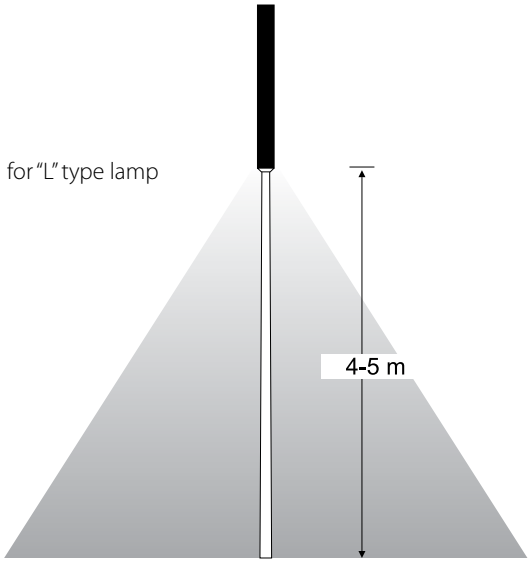
ORDERING SS8



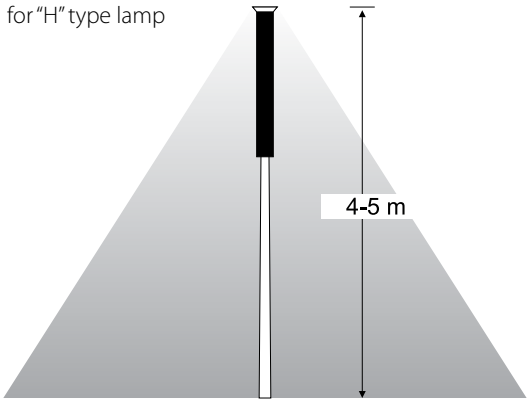
* Part-solar for locations with poor solar lighting conditions

RECOMMENDED HEIGHT for installation on the pole:

for "L" type lamp



for "H" type lamp



C E	EN61000-6-3:1997, EN61000-6-1:1997
Quality Assurance	ISO 9001:2000