Characteristics

robertlipinski.com introduces
the new **SLS Solar LED Street Lighting system**.
This **Street Light** is a complete lighting solution characterised by miniaturisation and functionality. A warm-white color temperature creates a welcoming ambience, promoting social interaction in the urban enviroment

In the same way we can integrate solar energy as an enviromentally friendly lighting solution.

The lamp base is an aluminium-base die-casting alloy and the cover is protected with a high quality toughened glass.

robertlipinski.com e.K.
street: Kielmannseggstrasse 80
zip code: 22043
town: Hamburg
country: Germany
phone + 49 172 4000 748
fax + 49 172 50 4000 748
post@robertlipinski.com

Edition: October 2007
please download the
current version from
http://www.robertlipinski.com

Specifications	**part 1**
lamp head unit	
illumination system	18 x 1 W high power white LEDs + 12 x 1 W high power yellow LEDs
tLumen/ luminance	950 lm/ 13 lux/ 4 m
input voltage	24 VDC
dimensions of arm + lamp head	1100/ 380 x 197 mm
material	aluminium-base die-casting alloy
customs tariff number	9405.4095
solar panel unit	
solar cells type	photosensitive and polycrystalline solar cell with aluminium frame
capacity of the solar panel	2 x 55 Wp for mediterranean latitudes
dimensions	n/a
customs tariff number	8541.4090

Specifications	**part 2**
control electronic unit	
type	automatic light control system with battery charge regulation
automatic power switch/ detector for day/ night light mode	less than 2-3 lux = power on more than 3-5 lux = power off
dimensions:	n/a
operating temp. range:	- 15° till + 65° C
Protection class:	IP 20
customs tariff number	9032.8900

Specifications	**part 3**
battery unit	
type	maintenance-free sealed lead gel battery 24 / 200 Ah
customs tariff number	8507.2092
housing for battery/ control unit	
type	waterproof box with holes for ventilation and door for service
dimensions	n/a
material	aluminium
Customs tariff number:	8535.9000

Specifications	**part 4**
mast construction	
pole height	5045 mm without the basement
design	conical circular
diameter	150 mm lower/ 100 mm upper
upright (pole) material	steel with hot dip galvanised finish
hazard area classicfication	withstand for 90 MpH wind loads with 1.3 gust factor as per AASHTO standards
customs tariff number	7308.2000
General facts	
article no.	555000.300
country of origin	Germany/ Europe
warranty	5 years/ 20 years for the solar panels
operating temperature	-15°C till + 65°C
operating time	from dusk till dawn
weight of the whole construction	170 kg
protection class	IP 65

robertlipinski.com e.K.
street: Kielmannseggstrasse 80
zip code: 22043
town: Hamburg
country: Germany
phone + 49 172 4000 748
fax + 49 172 50 4000 748
post@robertlipinski.com

Edition: October 2007
please download the
current version from
http://www.robertlipinski.com