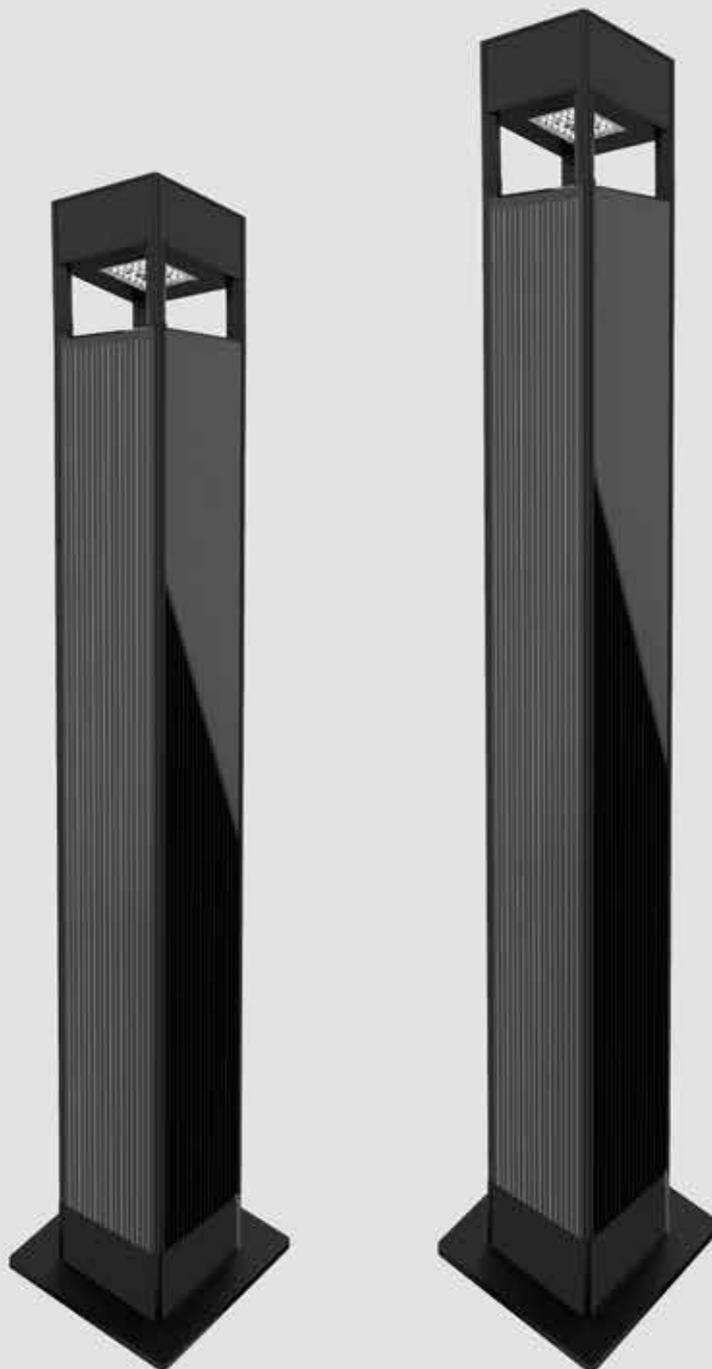


Datasheet

Previa 1200 / 1500



SELF-SUFFICIENT SOLAR LED LIGHT FOR SIDEWALKS, DRIVEWAYS, PARKS AND MORE

APPLICATION

Photinus has developed an innovative technology with its vertically oriented solar module that has opened up new dimensions in both design and functionality. This unique design guarantees unobstructed energy absorption and cannot be blocked by snow or foliage. In addition, in low light conditions, the light reflection is 100% absorbed, which is a significant advantage over conventional solar lights. Due to the elegant design, there are no limits to the possibilities of this light.

The Previa solar light is the ideal lighting for sidewalks, driveways, pedestrian walkways, parks, private gardens, boardwalks, promenades and any place where there is no access to electricity.

FUNCTION

The integrated battery is charged by the photinus high-power photovoltaic module and at dusk this energy is used to power the LED efficiently.

WARRANTY

5 years

The warranty on the solar lighting is granted provided that the lighting is installed as described in the installation instructions. The warranty is void if the product settings have not been changed by employees/partners authorized by photinus and/or with tools not approved by photinus.

SOLAR LIGHTING		Previa
SOLAR MODULE		
Solar panel	Monocrystalline silicon cells - especially from photinus processed with unique efficiency.	
Efficiency	22,6%	
Power	4 x 30 Wp / 4 solar module which charge the battery even when it is cloudy.	
Protection class	IK06	
BATTERY IN LIGHT POLE		
Accumulator	LiFeP04 / 230,4 Wh (12,8V 18Ah)	
Operating temperature	-20°C to +60°C	
Battery life	>10 years	
Protection class	IPX8	
LIGHTING MATERIALS		
LED Luminous flux max.	Depending on the time program and the location of the light.	
Efficiency max.	up to 200lm/W	
LED Module / Watt max.	30 W	
Color temperature	3000K	
Lifetime LED	>100 000 h (L80)	
Protection class	IP 65	
MATERIAL		
Metal parts	Aluminum powder-coated „Sparkling iron effect dark	

Subject to technical changes!

DIMENSIONS	
Total height from floor level	depending on version 1200 / 1500mm
Light point height from Floor level	depending on version 1200 / 1500mm
Height light well	120 mm
Wide	195 mm
Baseplate	300 mm x 300 mm x 10 mm

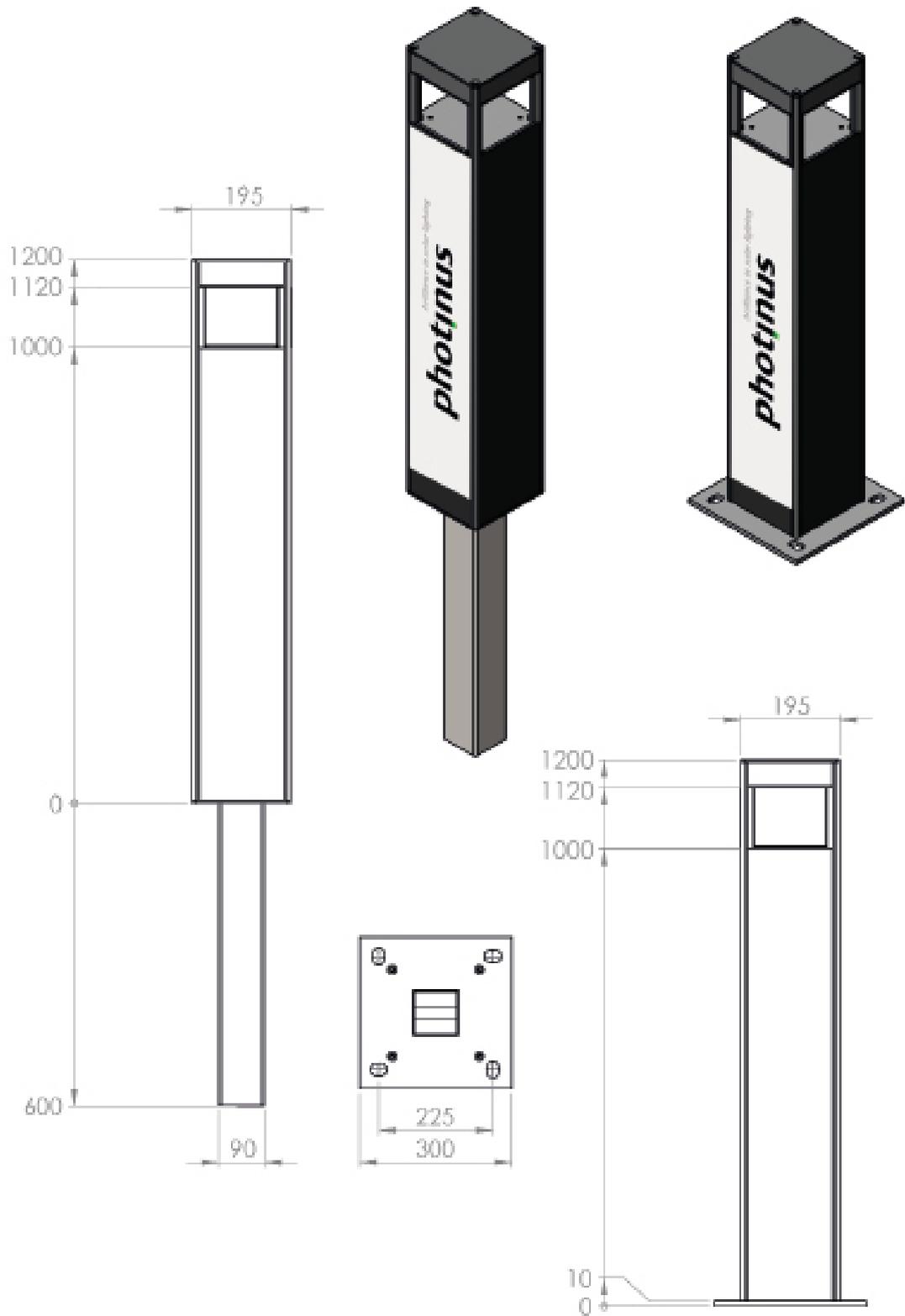
DIMENSIONS AND WEIGHT FOR SHIPPING	
Solar lamp in box	depending on version 1200/1500mm x 200 x 200 mm
Weight	25,5 kg - 30kg

Salt spray test (ISO 9227:2012)

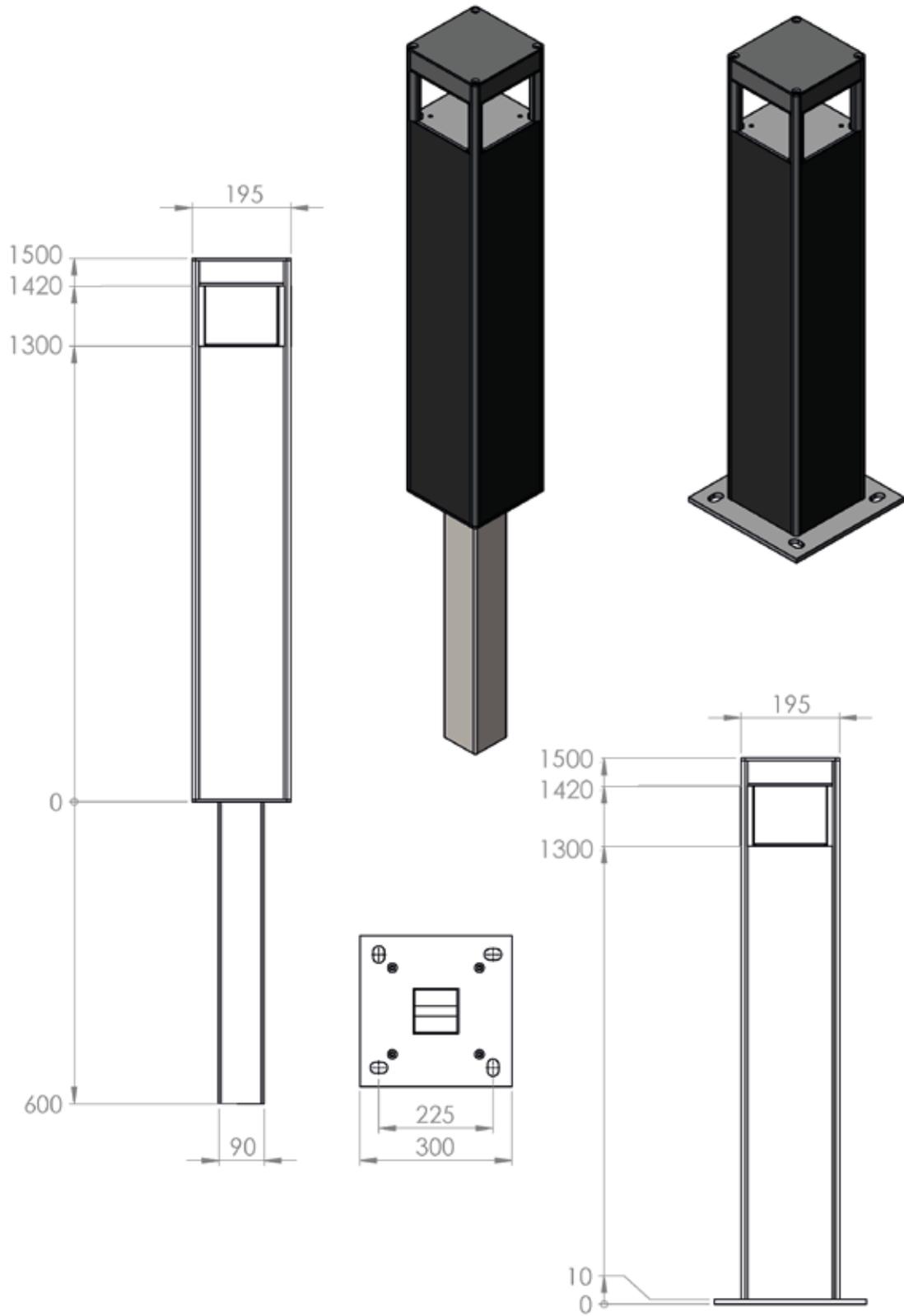
Corrosion test in artificial atmosphere - Salt spray test (ISO 9227:2012)

All solar lights have successfully passed the salt spray test.

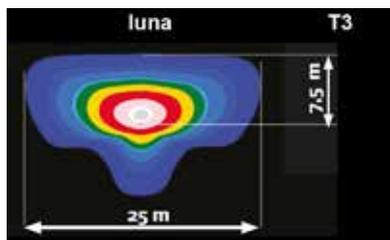
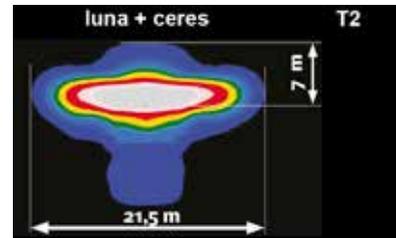
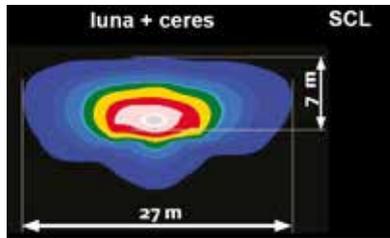
Dimensions



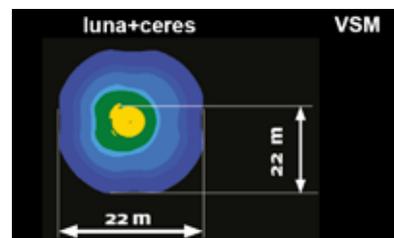
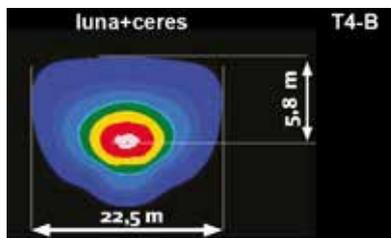
Dimensions



Path and street optics



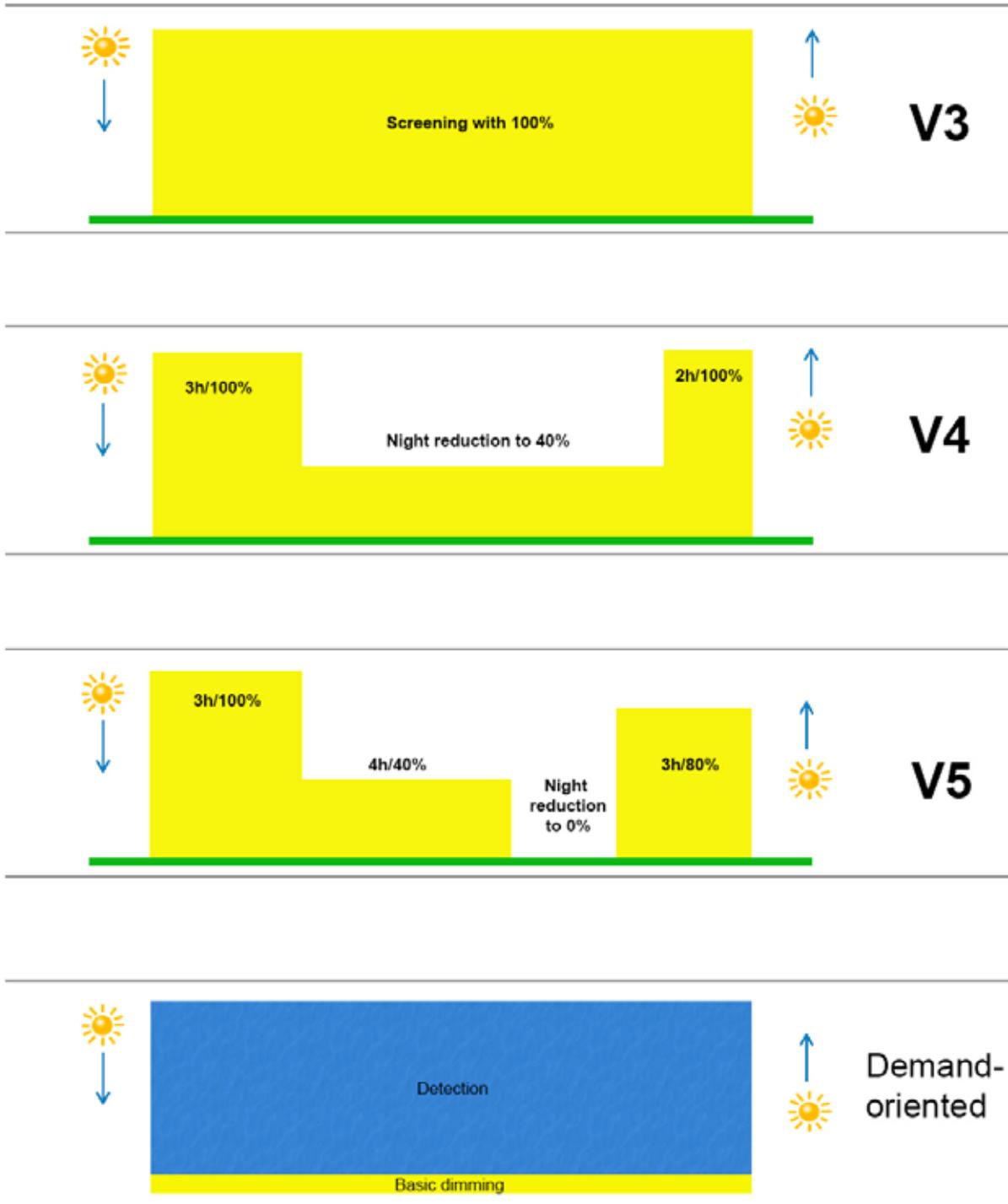
Place optics



ENERGY AND TIME MANAGEMENT

Standard factory setting V5

TIME MANAGEMENT PHOTINUS SOLAR LIGHTS



REFERENCES

juno
Graveyard / DE



juno
Bayern / DE

juno
National Guard / BHR

