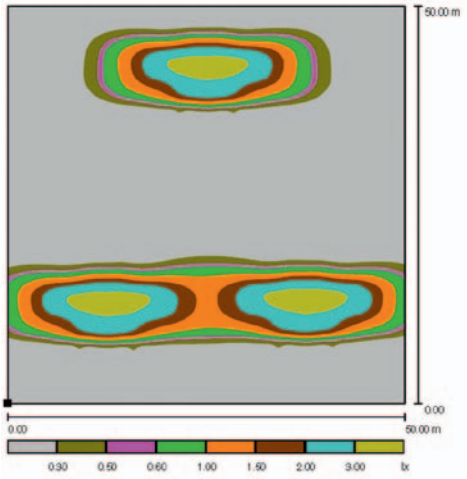

DIALUX Light intensity distribution curve (LID)
Single- and double-view
Example: pole distance 25 m

Eco StreetLine | Towersun Park
Solar Street Lighting

A highly secure power supply in critical weather regions – can be used anywhere where there is no power supply but a highly relaible power supply is needed even during poor lighting conditions. Thanks to the cubistic aluminium structure with 4 photovoltaic modules, sufficient energy can be generated by means of diffuse light especially in poor weather regions. The perpendicular placement of the modules prevents snow accumulation in winter. Ingenious energy-saving functions guarantee reliable functioning over several nights even during bad weather. As per DIN EN13201, based on its lighting performance of the »Towersun Park« is highly recommended for residential streets, side streets, parking areas etc.

PHOTOVOLTAIC ENERGY-PILLAR	
Modules	Mono crystalline silicium cells
Output Pmpp (maximum)	64 W (4 PV modules) The modules are loaded also at diffuse light, 8 to 15 % of the module performance
Battery	12 V 18 Ah (NiMh)
Operating temperature	-20°C bis +60°C
Battery life	Approx. 5 – 6 years (depends on temperature)
Guarantee	2 years
Dimensions energy-pillar	237 x 237 x 655 mm
Protection type	IP 67 / IP 69
Efficiency	17 %

LAMP	
LED max. output	8 x 2 W
LED max. light flux	1.600 lm
Typical light flux	From 260 lm to 600 lm
Autonomous time with full battery max.	68 h
Colour temperature	6,300 K Cool white
LED life	> 50,000 h
Miscellaneous	Insect-neutral light

DIMENSIONS	
Total height from ground level	5,100 mm
Light point level from ground level	4,200 mm
Total pole length	5,500 mm
Length of pole installed in ground	750 mm
Materials	Powder coated steel / Anthracite

MAINTENANCE CYCLES	
Battery replacement	Recommended after 6 years
LED replacement	Recommended after 12 years
Guarantee / Warranty	2 years (incl. Battery)
Guarantee*	2 years: with 100 % product guarantee 5 years: guarantee for 90 % minimum performance 10 years: guarantee for 80 % minimum performance

* The guarantee running time gets on as of production date

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