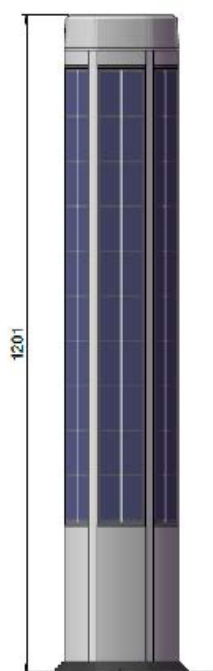




DATA SHEET

SKYLINE BOLLARD



PRODUCT DESCRIPTION

The SKYLINE bollard is a stand-alone, self-sufficient solar cell column for professional exterior LED lighting systems.

The integrated controller management system [PRI-LED] allows management of the individual lighting profile.

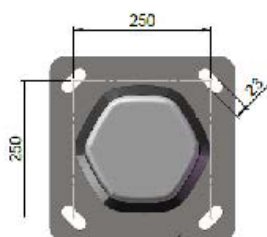
MATERIALS

Due to the choice of materials such as, recyclable aluminum and Glass, SKYLINE BOLLARD is a clean, eco-friendly product:

- 100% carbon-neutral operation
- 18% Monocrystalline solar cells
- 100% recyclable materials
- Integrated light control

BENEFITS

- 100 % green solution
- No expenses for cabling - 100% stand alone
- No costs for operation
- Aesthetic design



COLUMN	
Total height	1201 mm
Column	Extruded aluminium profile Ø210/3 mm
Hatch / optional USB port	Below luminaire (Alternative 400 x 95 MM)

PLECTRE SUN PV MODULES	
Technology	Polycrystalline 18,2% Silicium cells
Dimensions	835x88 mm
Peak output total	55 Wp (5x 11 Wp)
Solarcell protection cover	3 mm tempered glass
Operation temperature	-30°C to +85°C

LUMINAIRE	
Material	PMMA
Technology	LED
Numbers of LED	6
Wattage	Max. 6 W
Color temperature	2700-3500K
Life	> 50.000 h
Certification	CRRE

BATTERY	
Technology	NIMH
Battery Voltage	12 Volt
Energy capacity	144 Wh
Operating temperature	-20°C- + 70°C
Expected lifetime	10-15 years
Weight/ Dimensions (HxLxW)	1,9 KG/ 135x144x48 mm
Autonomy	3 days

CONTROL UNIT	
Operation mode	Stand alone
Operation voltage	12 VDC
Operation temperature	-40°C to + 70°C
Luminaire control	2-6 W, dimmable
Time control	PV light level sense
Charge control	Direct current limited