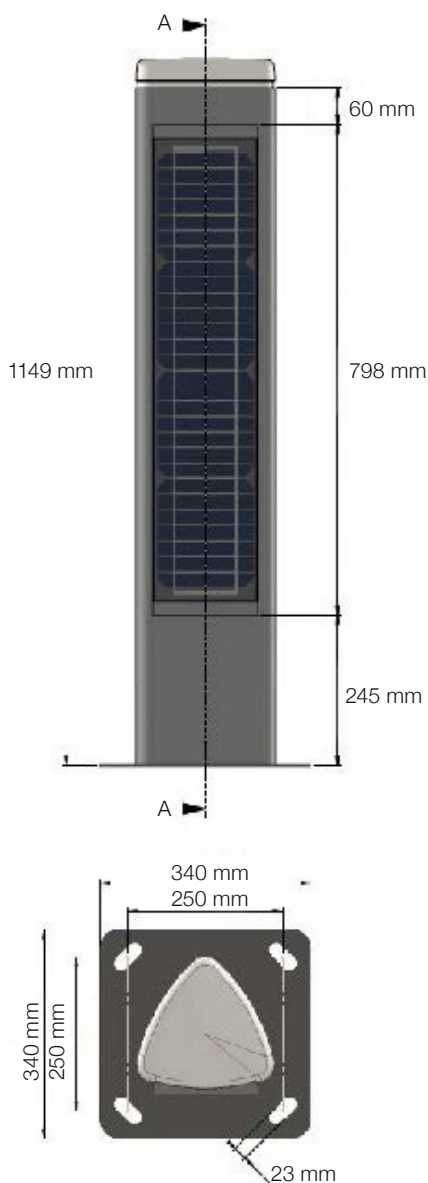


DATA SHEET

PRIESS PLECTRE SUN BOLLARD

**DESCRIPTION**

The Plectre Sun 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.

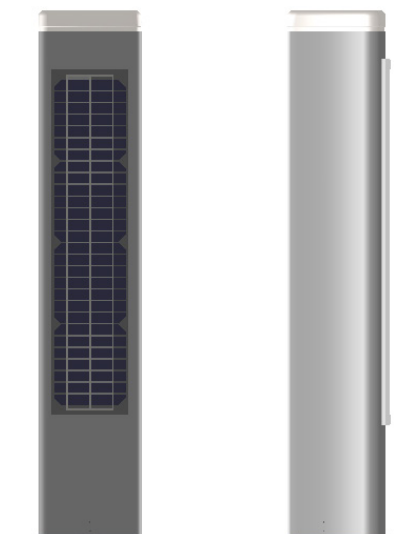
MATERIALS

Due to the choice of materials such as, recyclable aluminum and glass, Plectre Sun Bollard is a clean, eco-friendly product:

- 100% carbon-neutral operation
- 19% 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



DATA SHEET

PRIESS PLECTRE SUN BOLLARD

COLUMN

TOTAL HEIGHT	1149 MM
COLUMN	EXTRUDED ALUMINIUM PROFILE Ø250/4 MM
HATCH / OPTIONAL USB PORT	BELOW LUMINAIRE (ALTERNATIVE 400 X 95 MM)

PLECTRE SUN PV MODULES

TECHNOLOGY	MONOCRYSTALLINE 19,6% SILICIUM CELLS
DIMENSIONS	800X172 MM
PEAK OUTPUT TOTAL	37 WP (2X 18,5 WP)
SOLARCELL PROTECTION COVER	3 MM TEMPERED GLASS
OPERATION TEMPERATURE	-30°C TO +85°C

LUMINAIRE

MATERIAL	PMMA
TECHNOLOGY	LED
NUMBERS OF LED	3
WATTAGE	MAX. 9 W
COLOR TEMPERATURE	2700-3500K
LIFE	50.000 H
CERTIFICATION	ROHS

DATA SHEET

PRIESS PLECTRE SUN BOLLARD

BATTERY

TECHNOLOGY	NIMH
BATTERY VOLTAGE	12 VOLT
DEPTH OF DISCHARGE	120 WH
OPERATING TEMPERATURE	-20°C- + 70°C
EXPECTED LIFETIME / FUNCTIONAL WARRANTY	10-15 YEARS
WEIGHT	1,9 KG
AUTONOMY	4 DAYS

CONTROL UNIT

OPERATION MODE	MONOCRYSTALLINE 18% SILICIUM CELLS
OPERATION VOLTAGE	1590 X 166 MM (MIN. 3 - MAX 6 MODULES PER SIDE)
OPERATION TEMPERATURE	-40°C TO + 70°C
LUMINAIRE CONTROL	2-9W, DIMMABLE
TIME CONTROL	PV LIGHT LEVEL SENSE