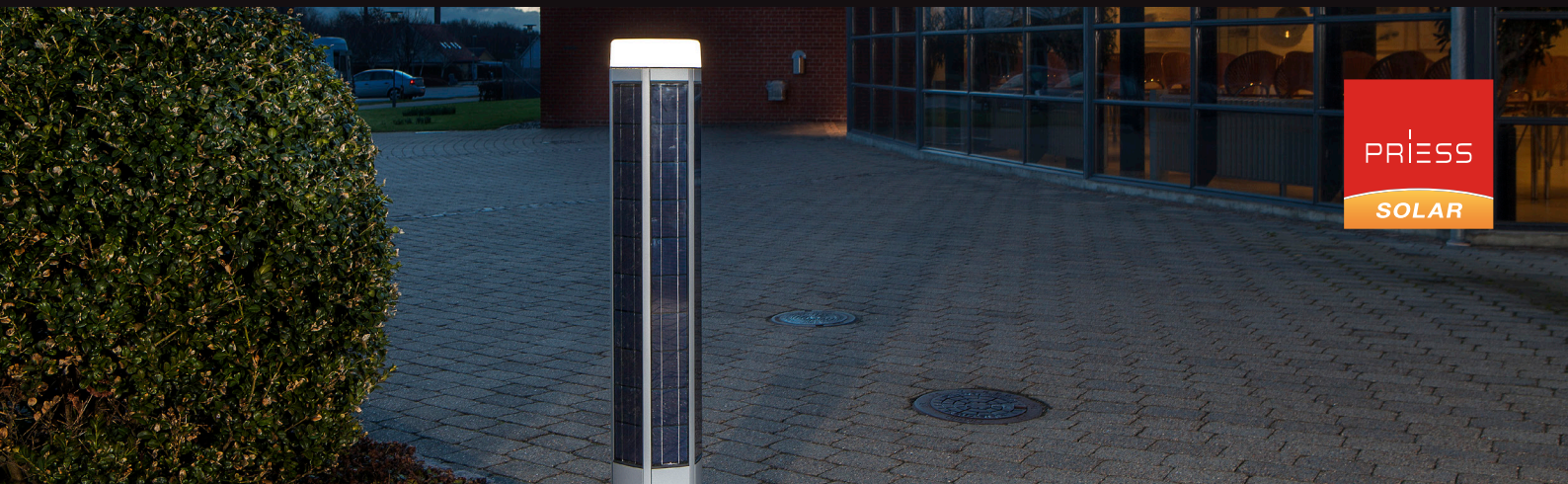




DATA SHEET

PRIESS SKYLINE BOLLARD

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.

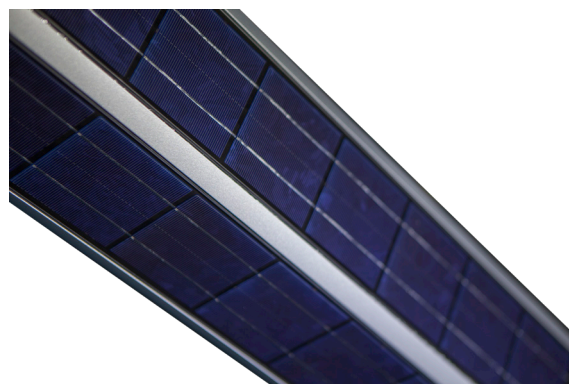
MATERIALS

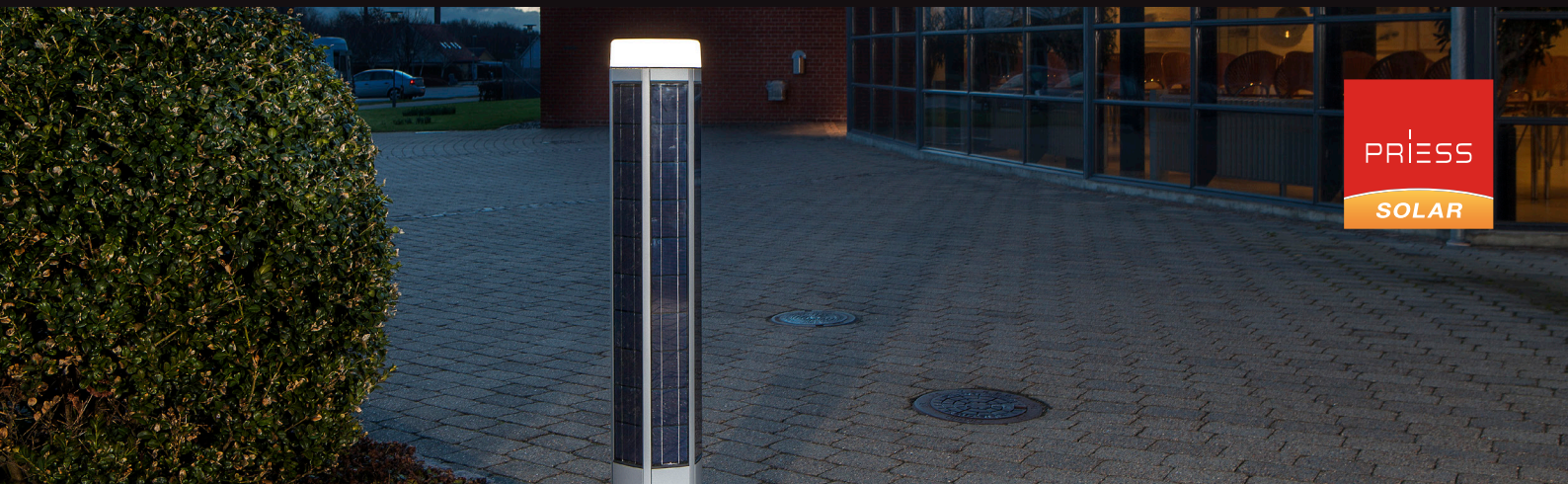
Due to the choice of materials such as, recyclable aluminum and glass, Skyline Bollard is a clean, eco-friendly product:

- 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**

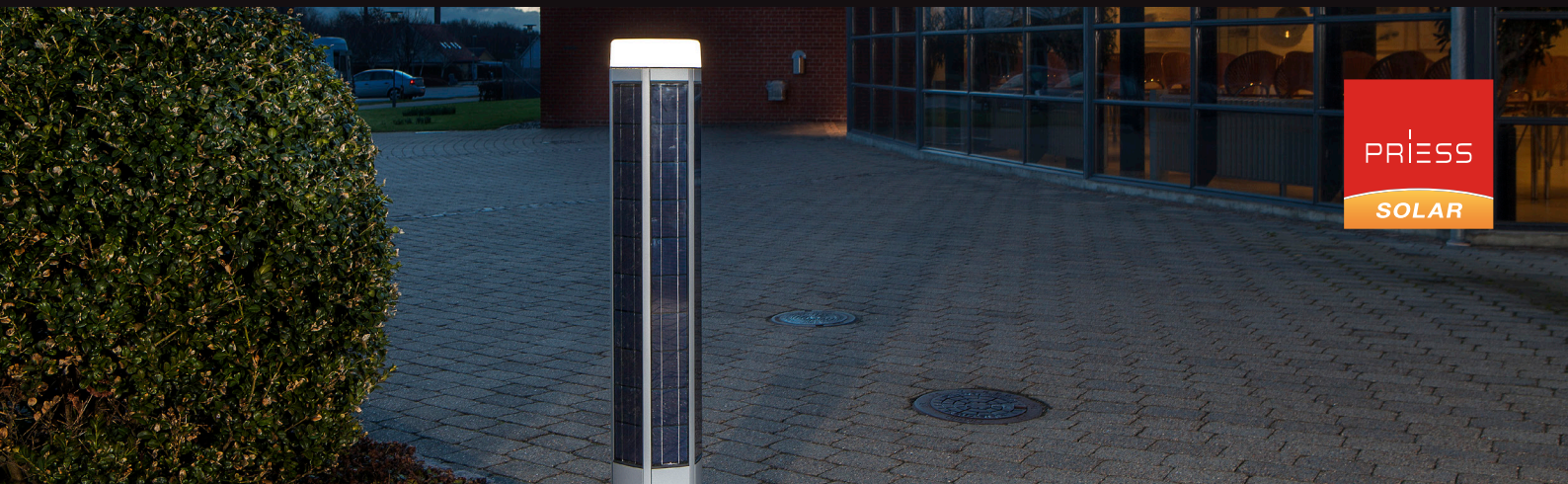
TOTAL HEIGHT	1201 MM
COLUMN	EXTRUDED ALUMINUM PROFILE Ø210/3 MM
HATCH/OPTIONAL USB PORT	BELOW LUMINAIRE (ALTERNATIVE: 400 X 90 MM)

SKYLINE PV MODULES

TECHNOLOGY	POLYCRYSTALLINE 18,2% SILICIUM CELLS
DIMENSIONS	835 X 88 MM
PEAK OUTPUT TOTAL	55 WP (5 X 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 6W
COLOR TEMPERATURE	2700-3500K
EXPECTED LIFETIME	> 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 (H X L X W)	1,9 KG / 135 X 144 X 48 MM
AUTONOMY	3 DAYS

CONTROL UNIT AND POWER MANAGEMENT SYSTEM

OPERATION MODE	STAND ALONE
OPERATION VOLTAGE	12 VDC
OPERATION TEMPERATURE	-40°C - + 70°C
LUMINAIRE CONTROL	2-6 W, DIMMABLE
TIME CONTROL	PV LIGHT LEVEL SENSE
CHARGE CONTROL	DIRECT CURRENT LIMITED