

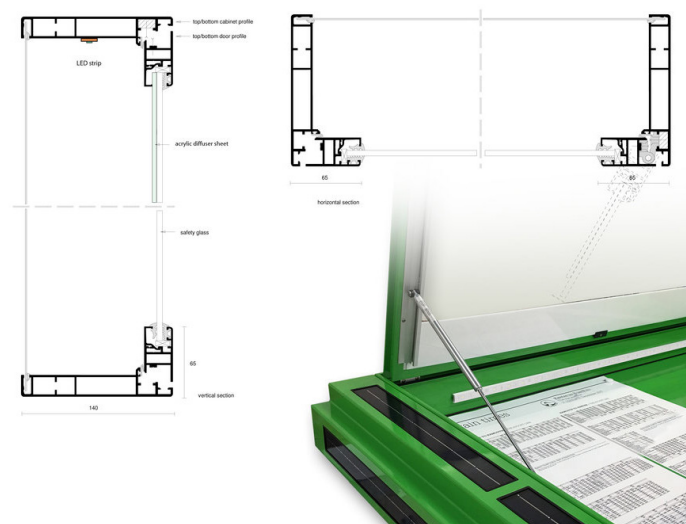


**SOLARCASE | SOLAR POWERED DISPLAY CASE**

**DESCRIPTION**

Solarcase post-mounted illuminated display cases enable illuminated signage to be installed in locations where street lighting and mains electric supply does not exist or would be prohibitively expensive to install. At night, the light remains at a low level until activated by an infrared sensor, when the illumination increases to the maximum level for 10 sec.

With the large capacity solar cells skillfully incorporated in the sleek aluminum posts, Solarcase display cases are designed to look like normal post mounted signs. Although they avoid the use of large intrusive, solar panels and battery boxes, the power generated from the PV cells is capable of illuminating the enclosed signage from dusk until dawn for up to 14 days, without sunlight.



**FEATURES**

- Vandal resistant solar cells- sealed behind UV stabilized tempered glass.
- Dust proof, watertight enclosures - IP66 rated
- Can provide night lighting from dusk until dawn for up to 14 days without daylight
- Large capacity (465 sq.in.) solar cells generating up to 51.6 W total output
- Batteries can last up to 10 years and can be disabled when not in use
- Intelligent power management system maximizes the power generated from each panel
- Battery management system reduces LED brightness until sufficient light to charge
- Light brightens for 10 seconds on approach, then dims back to lower level
- No trenching or remediation work needed, only individual footings need to be installed
- No external power supply needed – install in any location
- Can be installed in a fraction of the time compared with mains powered lighting

**SPECIFICATIONS**

**DIMENSIONS**

Special sizes available on request

<b>MODEL A1</b>	Overall: 29" W x 42.5" H Visual: 24" W x 34" H Depth: 5 1/2"
<b>MODEL A0</b>	Overall: 52" W x 42.5" H Visual: 47" W x 34" H Depth: 5 1/2"

**SOLAR PANELS**

<b>POWER</b>	51.60 watts (12 x 4.3w panels)
<b>CONSTRUCTION</b>	PV cells sealed behind UV stabilized tempered glass.
<b>TOTAL AREA</b>	465 sq.in.

**BATTERY**

<b>TYPE</b>	Ni-MH
<b>CAPACITY</b>	2 x 6.4v 10ah
<b>LIFETIME</b>	Up to 10 years at 68°F – can be disabled when not in use.
<b>OPERATING TEMP.</b>	-40°F to +185°F

**LED LIGHTING**

<b>TYPE</b>	Strip housed in aluminum extrusion
<b>COLOR TEMP.</b>	12v (4100k)

**PROXIMITY SENSORS**

<b>TYPE</b>	Passive infrared sensor
<b>DETECTION RANGE</b>	Up to 16'
<b>DETECTION ANGLE</b>	120°

**POST**

<b>CAP &amp; LID</b>	Die-cast aluminum,
<b>POST &amp; CHASSIS</b>	Extruded aluminum
<b>FINISH</b>	Powder coating in any RAL color
<b>IP RATING</b>	66 (ingress protection)

**CASE**

<b>MATERIAL</b>	Aluminum
<b>FINISH</b>	Powder coated in any RAL color
<b>HINGES</b>	Left or right or top hinged with gas cylinders
<b>BACK PANEL</b>	Magnetized interior
<b>LOCKS</b>	Vandal and frost proof
<b>FRONT PANEL</b>	Toughened glass covers
<b>VENTILATION</b>	Permanent ventilation