



DESIGN & ACCESS STATEMENT

IN RESPECT OF

PROPOSED PHOTO VOLTAIC PANELS

UNITS 1 – 7
SOLENT ROAD RETAIL PARK
SOLENT ROAD
HAVANT
HAMPSHIRE
PO9 1ND

DESIGN

The proposed photo voltaic panels to be used in respect of this installation are standard manufactured panels 1580 mm x 8080 mm at a depth of 45 mm and these will be roof mounted to match the existing low pitch of the current building and spaced off the roof covering by approximately 45mm.

The installation of the panels in this manner will minimise any visual impact from the street scene if indeed it is possible to view the roof from the adjacent street location.

Details of the photo voltaic panels are attached along with details of the Schuco Mounting system that is proposed.

USE

Not applicable as there are no implications on the existing uses of the buildings.

AMOUNT

Not applicable as there are no increases in any areas of the building.

LAYOUT

Not applicable.

SCALE

Not applicable.

APPEARANCE

These are standard photo voltaic panels identical to those which may be used in a domestic situation.

LANDSCAPING

Not applicable.

ACCESS

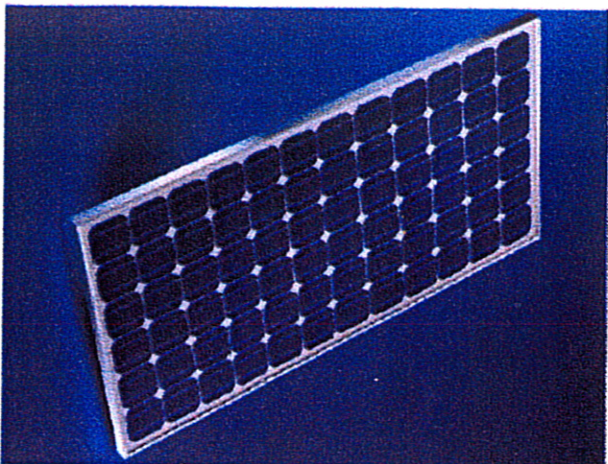
There is no public access to the roof space and therefore this is not applicable.

Manufacturers

Upsolar

Upsolar Mono 190W

Upsolar - Upsolar Mono 190W



Manufacturer	Upsolar
Category	PV Panel
Subcategory	Monocrystalline
Description	Upsolar Mono 190W
Rated Power	190W
Width	608mm
Height	1580mm
Vmpp	36.3V

Brochures

[Data Sheet -](#)

Upsolar is a global company, specialised in design engineering and manufacturing of solar photovoltaic modules. Upsolar's strength is the development of strict quality control in its manufacturing process, to provide worldwide customers with reliable, excellent products for all residential and commercial projects.

Warranty: 80 % Power output for 25 years, freedom from defects in materials and workmanship for 5 years. Manufactured in the China.

2a. Overview of installation

The **Schüco PV Light roof-mounted system** with horizontal mounting rails allows PV standard modules to be installed easily and securely.

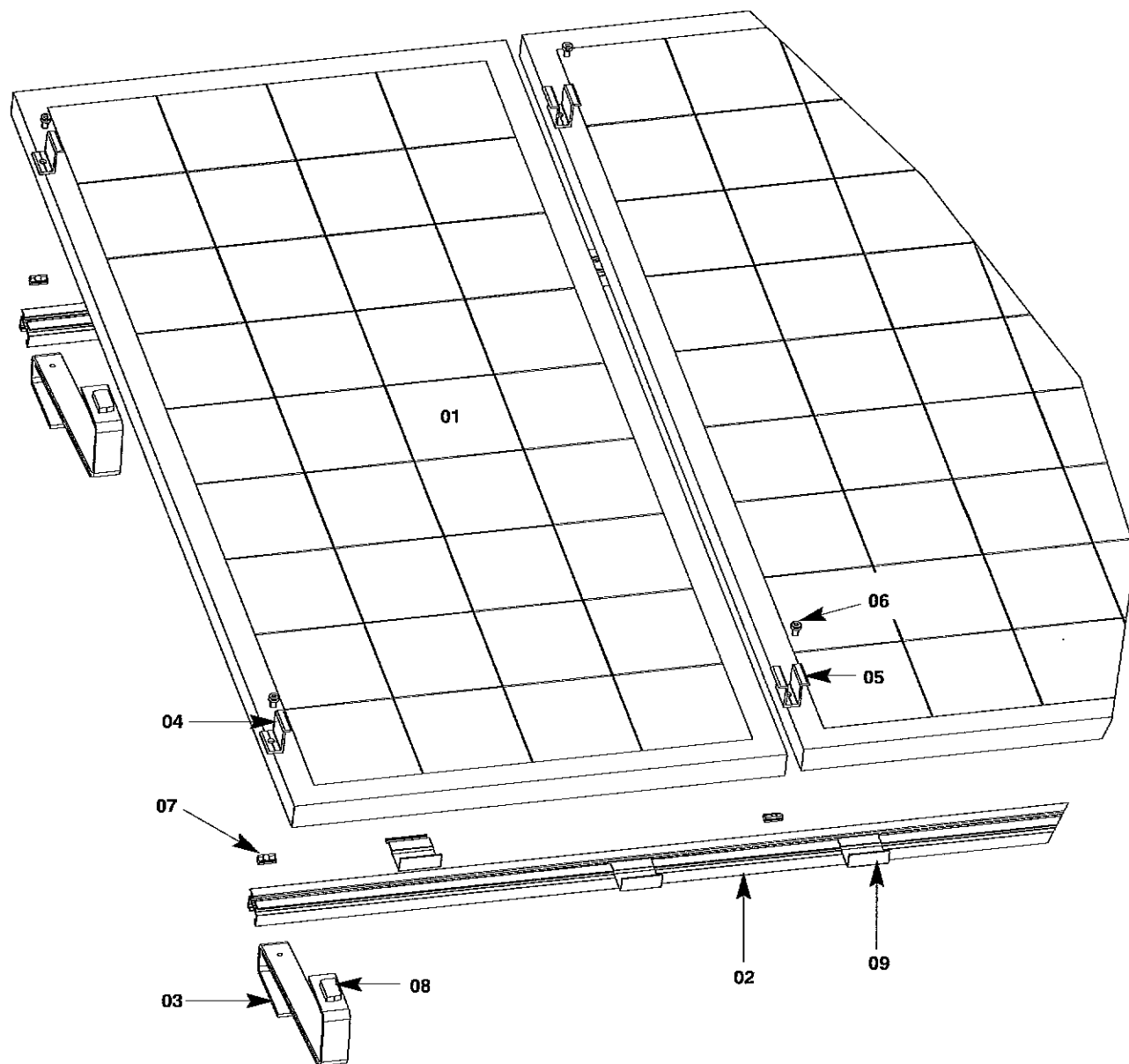


Figure 3a: PV Light roof-mounted installation of PV modules mounted in portrait position and adjacent to each other

01 PV module	Art. No.: 221 130 to 221 132
02 Mounting rail	Art. No.: 221 178 / 221 288 / 221 290 / 221 291 / 221 581 / 221 582 (cutting by customer)
03 Roof anchor pannel 1	Art. No.: 221 079 (as example)
04 End retaining bracket	contained in retaining bracket set 1 (Art. No.: 221 179 - as example)
05 End retaining bracket	contained in retaining bracket set 2 (Art. No.: 221 181 as example)
06 M8 x 14 screws with hexagon socket head	contained in retaining bracket set
07 Anchor block	contained in retaining bracket set
08 Positive fit screw	pre-installed on roof anchor
09 PV module clip	Art. No.: 221 201