Best solution
Better integration

BIPV PAVEMENTS

PV Floors

MATERIALS

- 8 mm tempered glass anti-slip
- 0.76 mm PVB layer
- 0.21 mm PhotoVoltaic cells
- 0.76 mm PVB layer
- 10 mm tempered glass

Composition:

28 CELLS PAVEMENT

SI-ESF-M-BIPV-RD

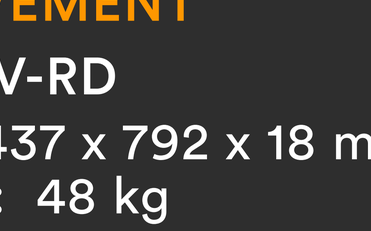
Size: 1437 x 792 x 18 mm
Weight: 48 kg
Matrix: 7 x 4
Power: M156-28-145W
P156-28-135W

Junction Box:

Border
Back

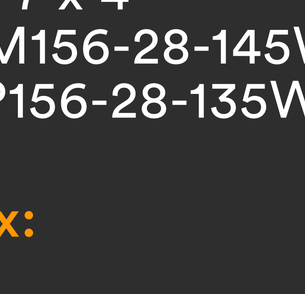
Cable:

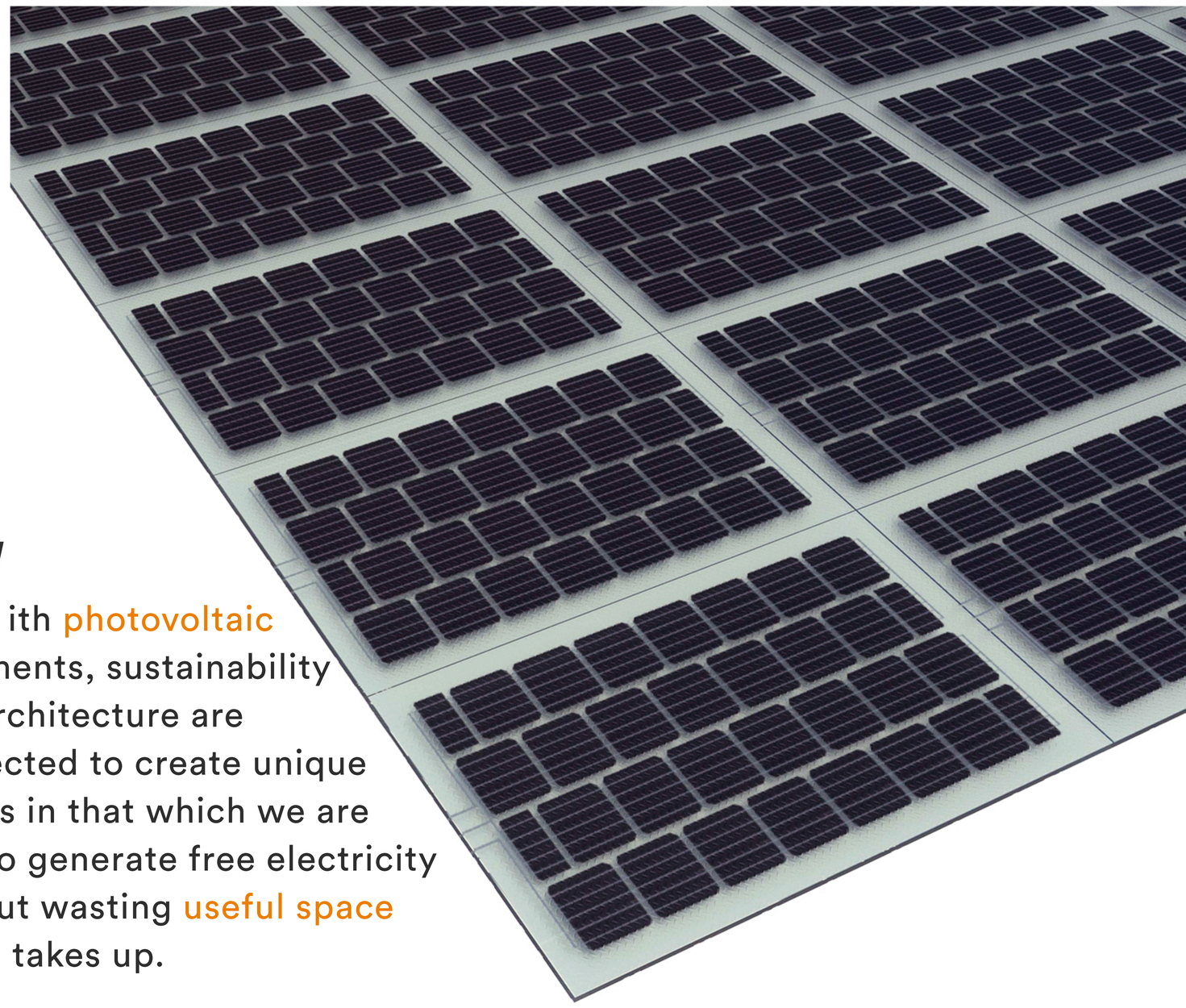
4 mm²



Connectors:

Type 3
Type 4





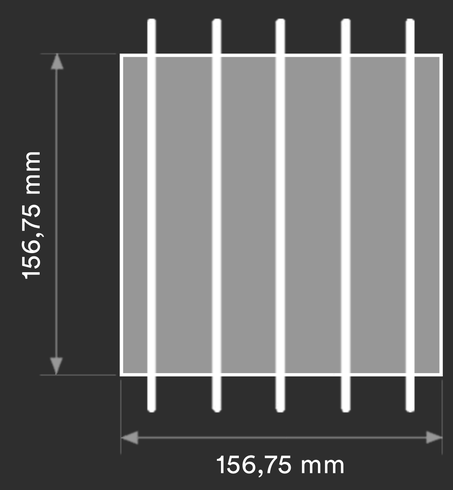
With photovoltaic pavements, sustainability and architecture are connected to create unique spaces in that which we are able to generate free electricity without wasting useful space that it takes up.

www.solarinnova.net

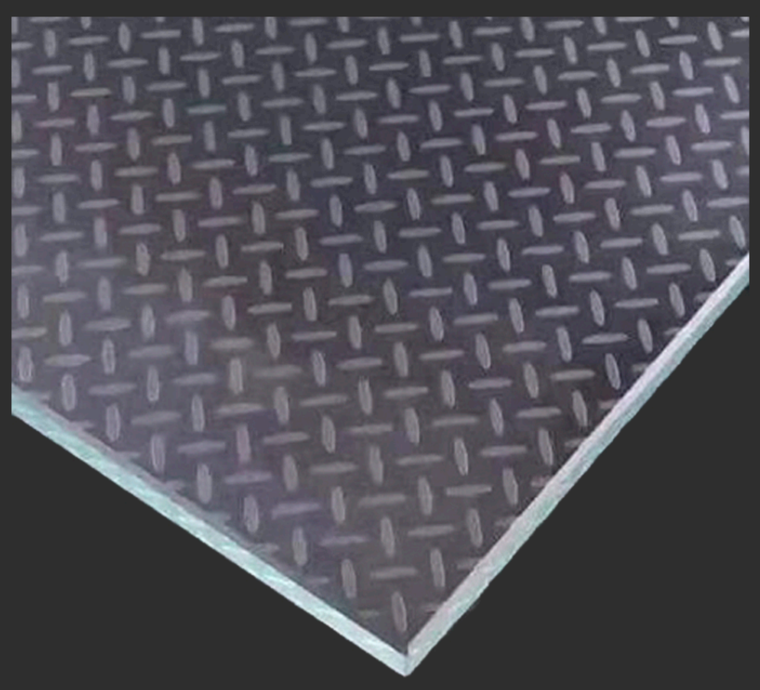
Paseo de los Molinos, 12. 03660 - Novelda (Alicante) SPAIN

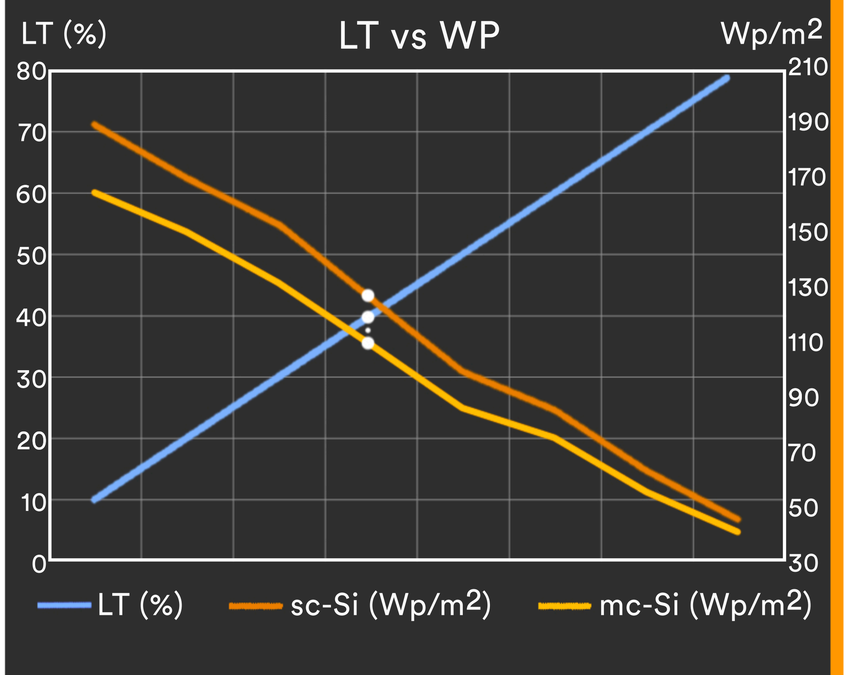
BIPV

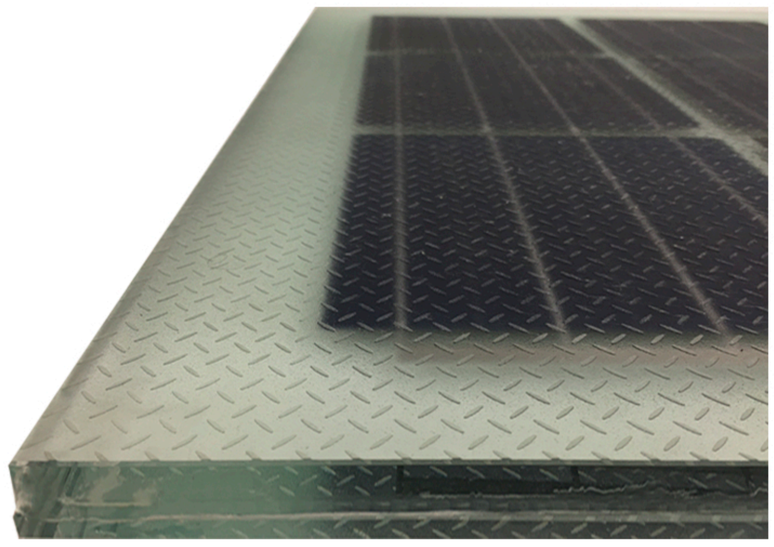
The architectural integration of photovoltaic floors in construction makes it possible to create glazed surfaces that, in addition to being an esthetic and functional novelty, generate electrical energy.

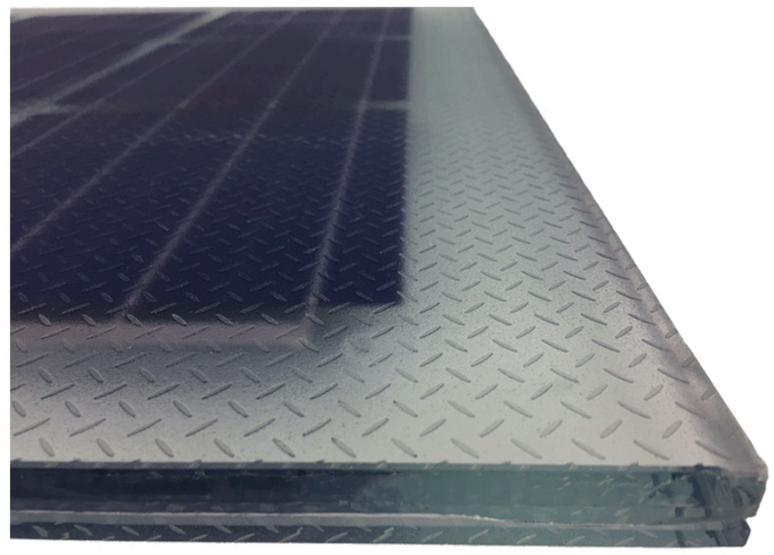


Monocrystalline/ Polycrystalline
- **sc-Si PV**
- **5bb connection**
- **high efficiency**

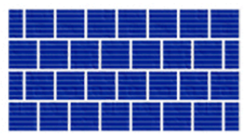


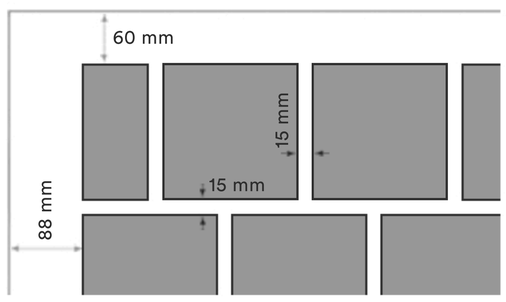


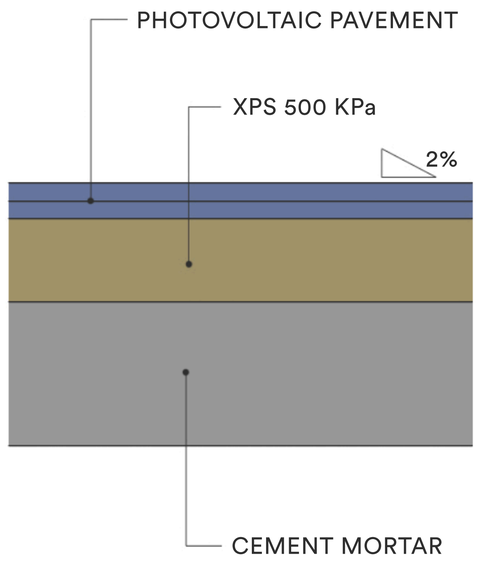




4 types

		
Model	BIPV-RD-M156-28	BIPV-RD-P156-28
Cell type	Monocrystalline	Polycrystalline
Cells number	28 pcs	28 pcs
Cell size	156.75 x 156.75 mm	156.75 x 156.75 mm
Size	1437 x 792 mm	1437 x 792 mm
Thickness	18 mm	18 mm
Power	145 Wp	135 Wp





- **DIN 51097** (barefoot) ; Class C ≥ 24°
- **DIN 51130** (in shoes) ; R12 > 27° - 35°
- **ENV 12633** (Pendulum Method) ; Rd > 45 Class 3
- **ASTM C-1028** (Dynamometer Method)

Anti-slip Rules

+ Energy + Saving − Outlay − CO_2

2014/35/EU
EN 50583-1
EN 14449

ISO 9001
ISO 14001
ISO 45001

IEC/EN 61215
IEC/EN 61730
IEC/EN 63092

nZEB Nearly Zero Energy Buildings

ISO 1064 GHG Protocol

WEEE 2002/96/CE

Fast Return Of Investment material

12/25 years guarantee

Photovoltaic Architecture

High satisfaction

High resistance

Low deterioration

The specifications and technical data may be subject to possible modifications without notice.