

Best solution
Better integration

BIPV FLOOR TILES

PV Floors

MATERIALS

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

Composition:



9 CELLS FLOOR TILE

SI-ESF-M-BIPV-FL

Size: 600 x 600 x 18 mm

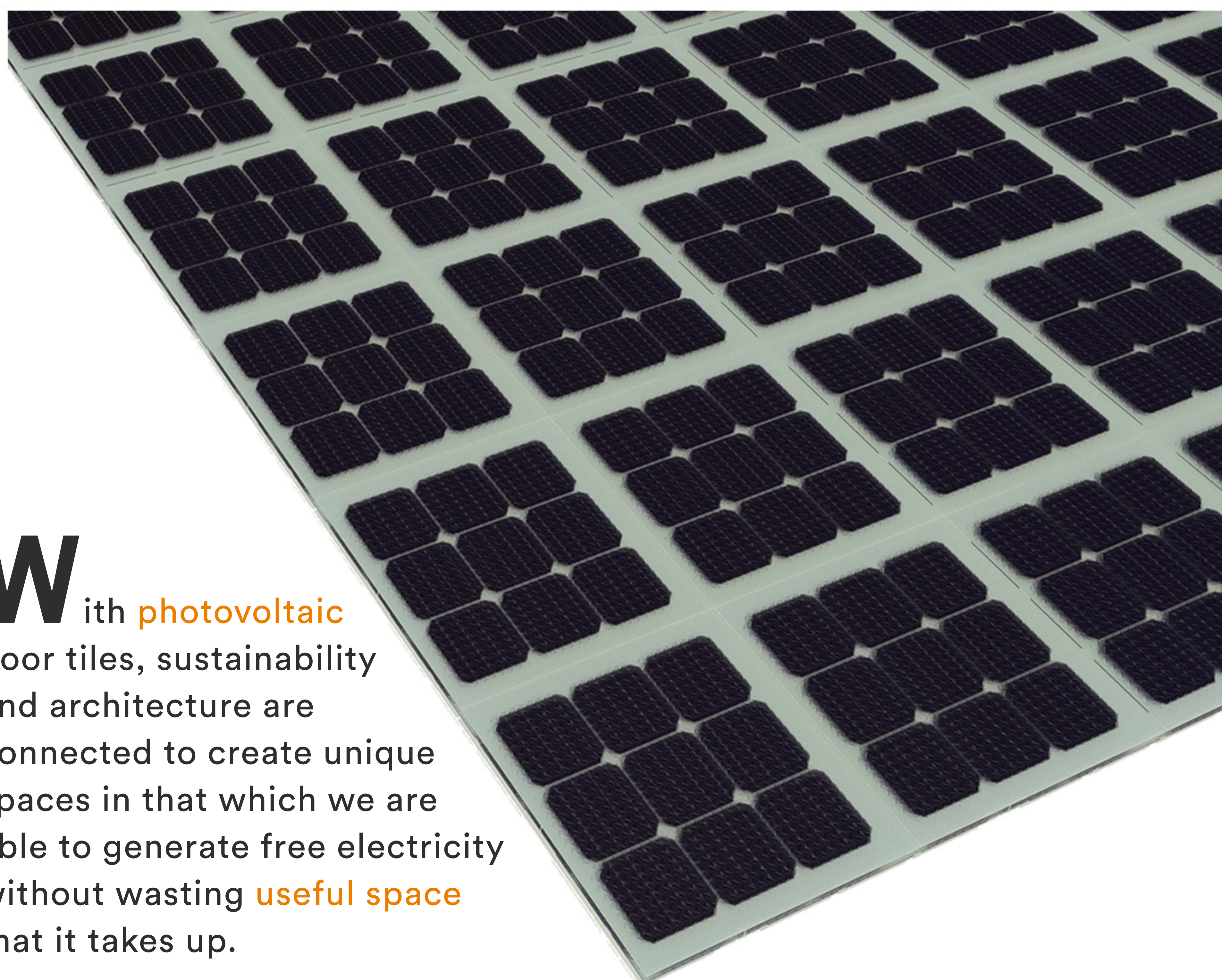
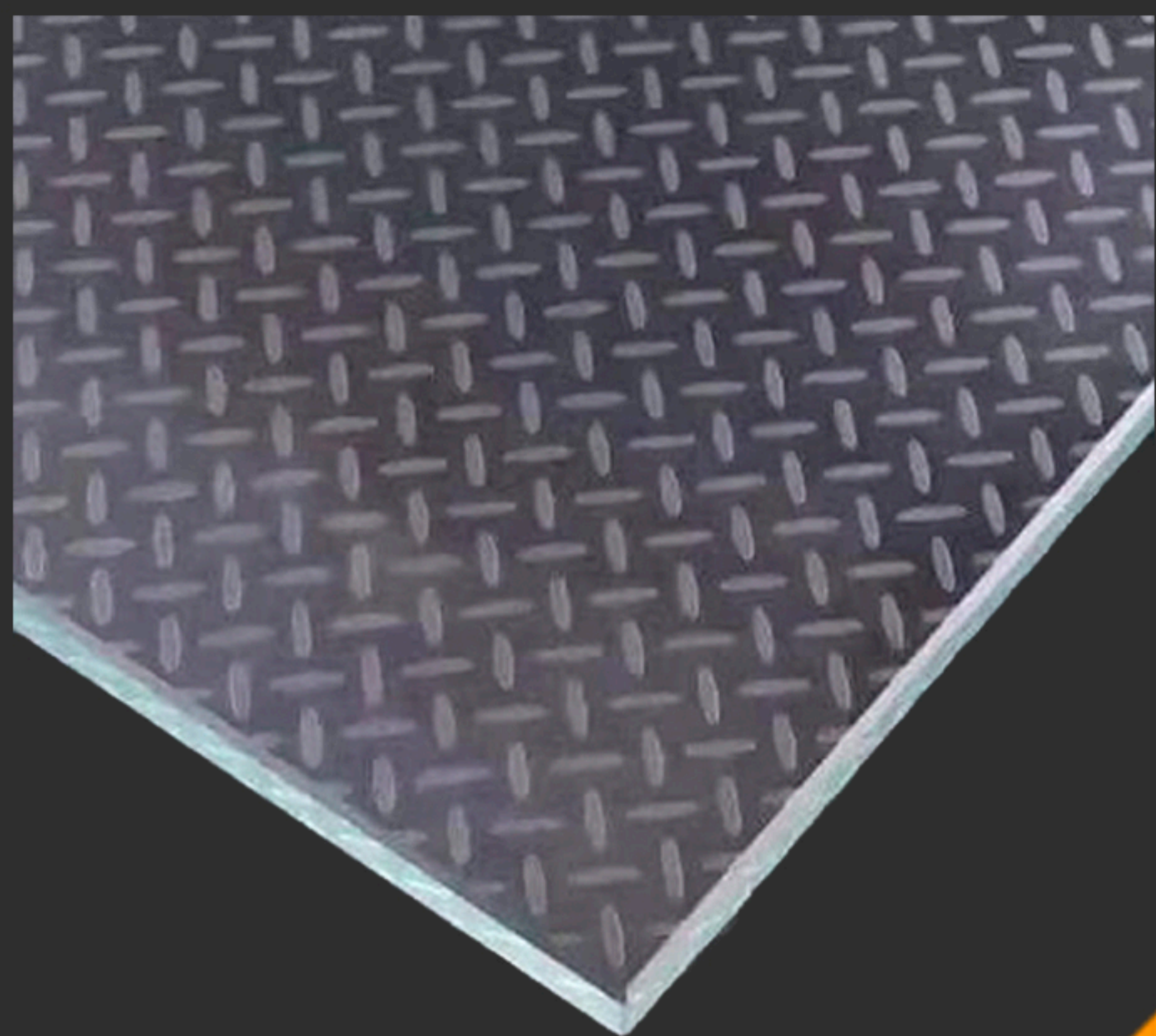
Weight: 16 kg

Matrix: 3 x 3

Power:

M156-9-55W

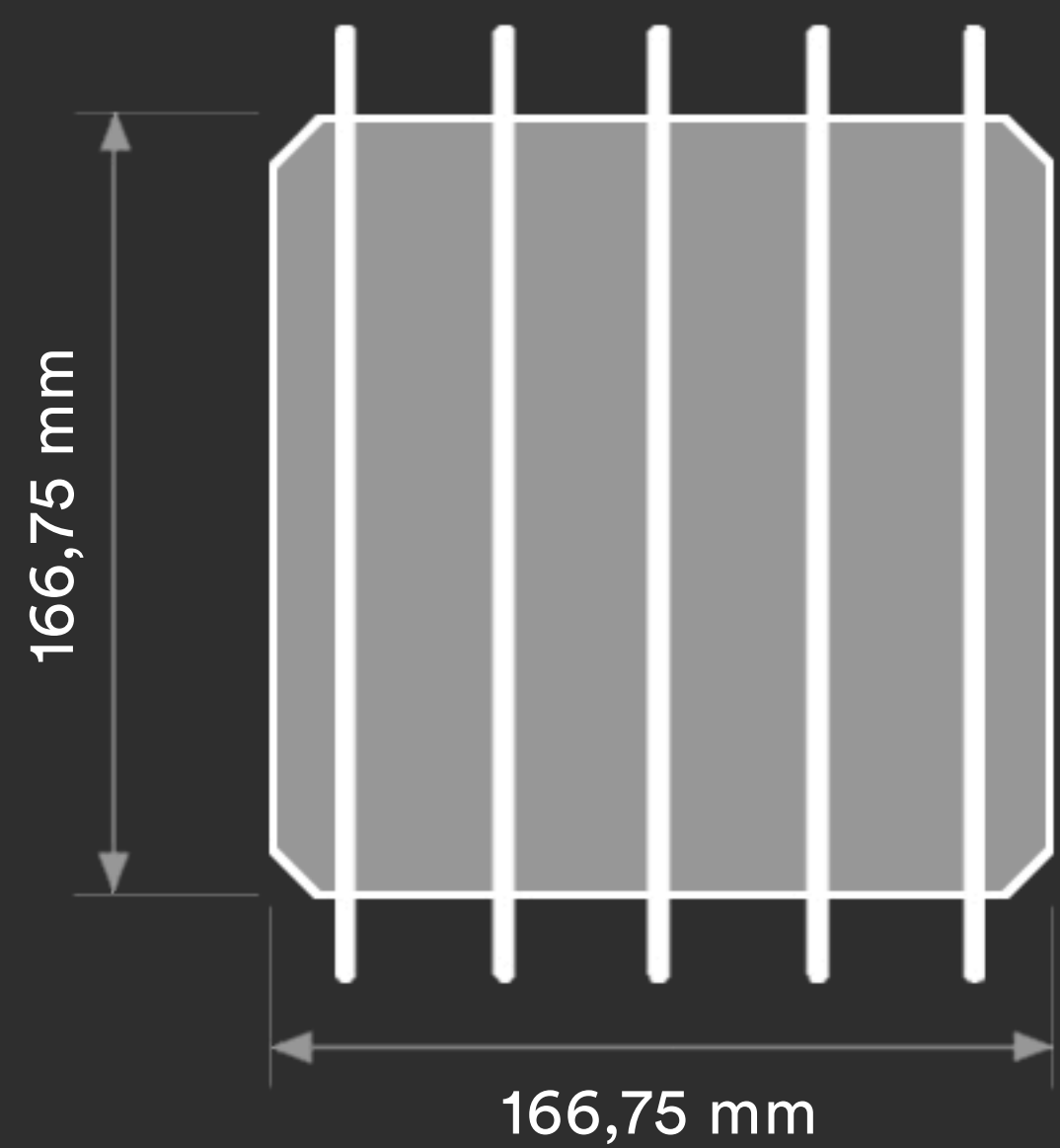
P156-9-45W



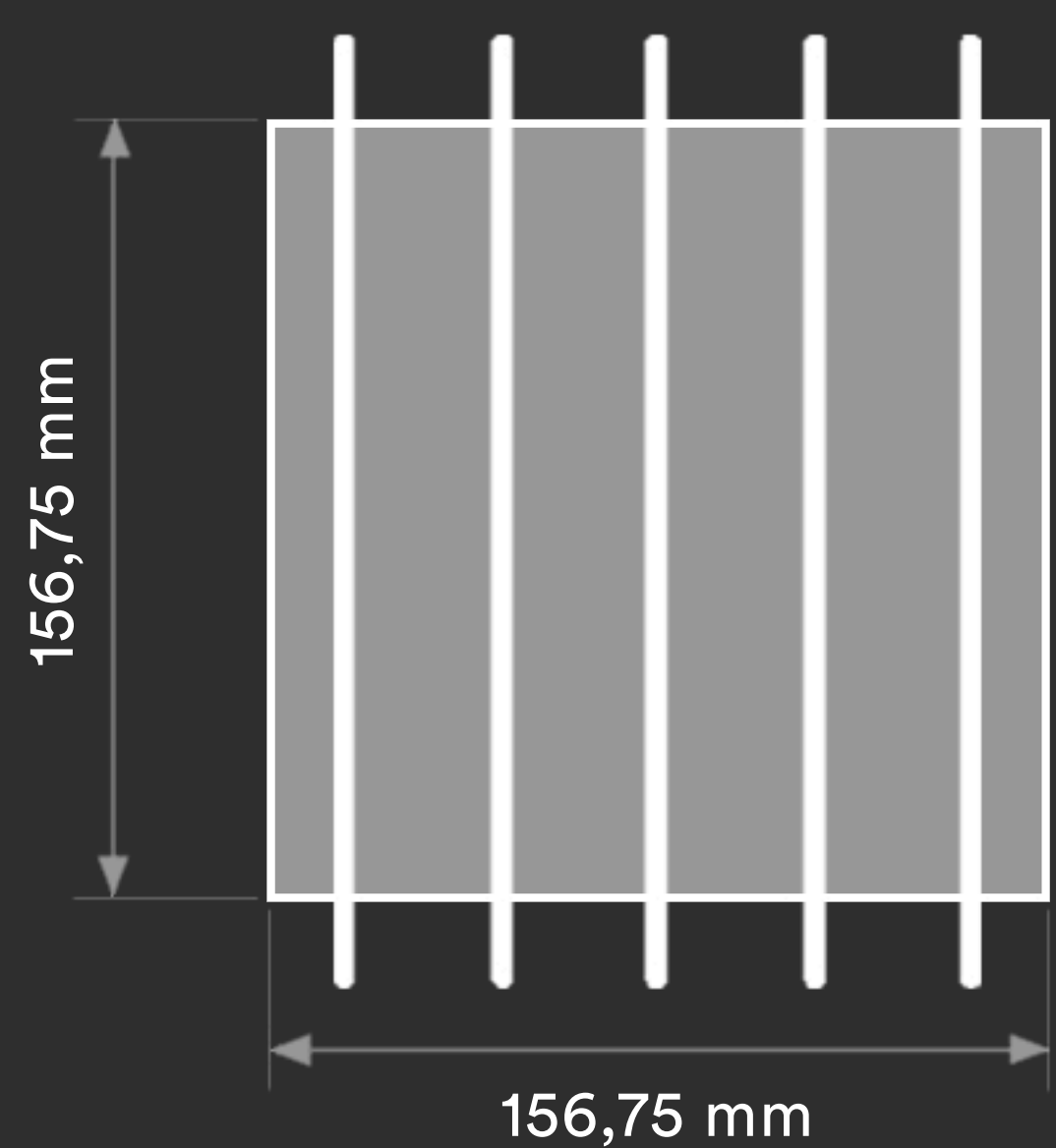
With **photovoltaic** floor tiles, sustainability and architecture are connected to create unique spaces in that which we are able to generate free electricity without wasting **useful space** that it takes up.

BIPV

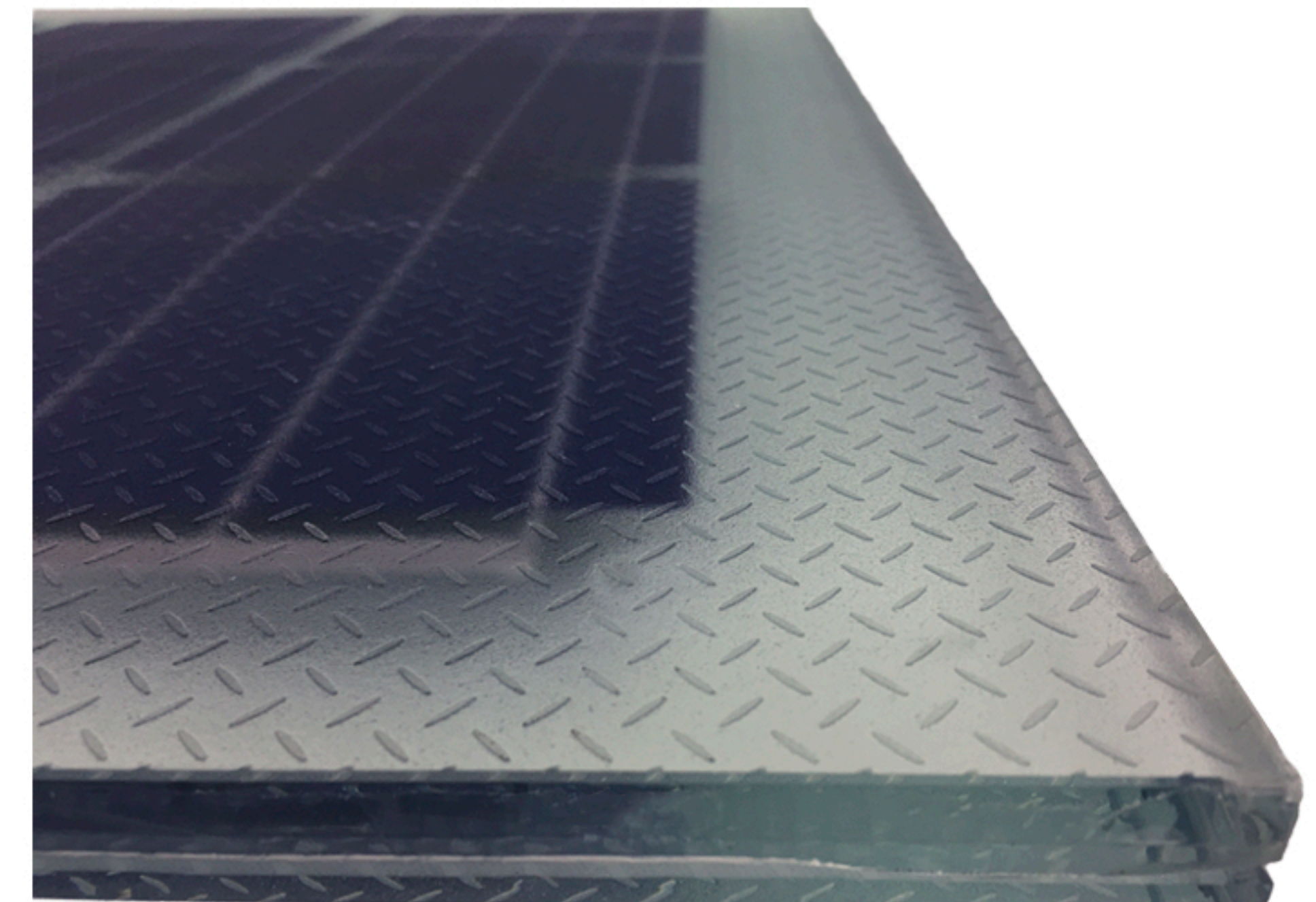
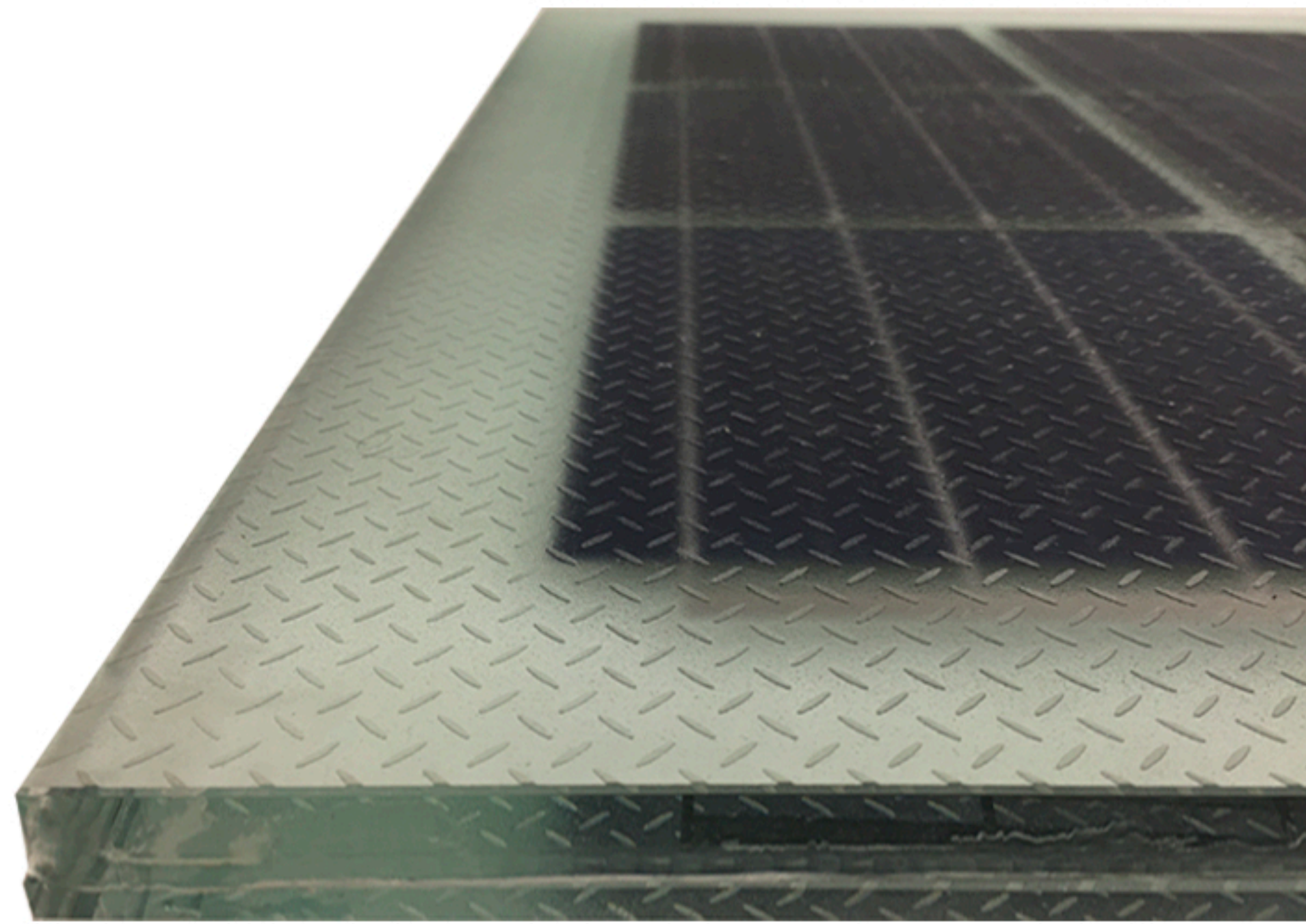
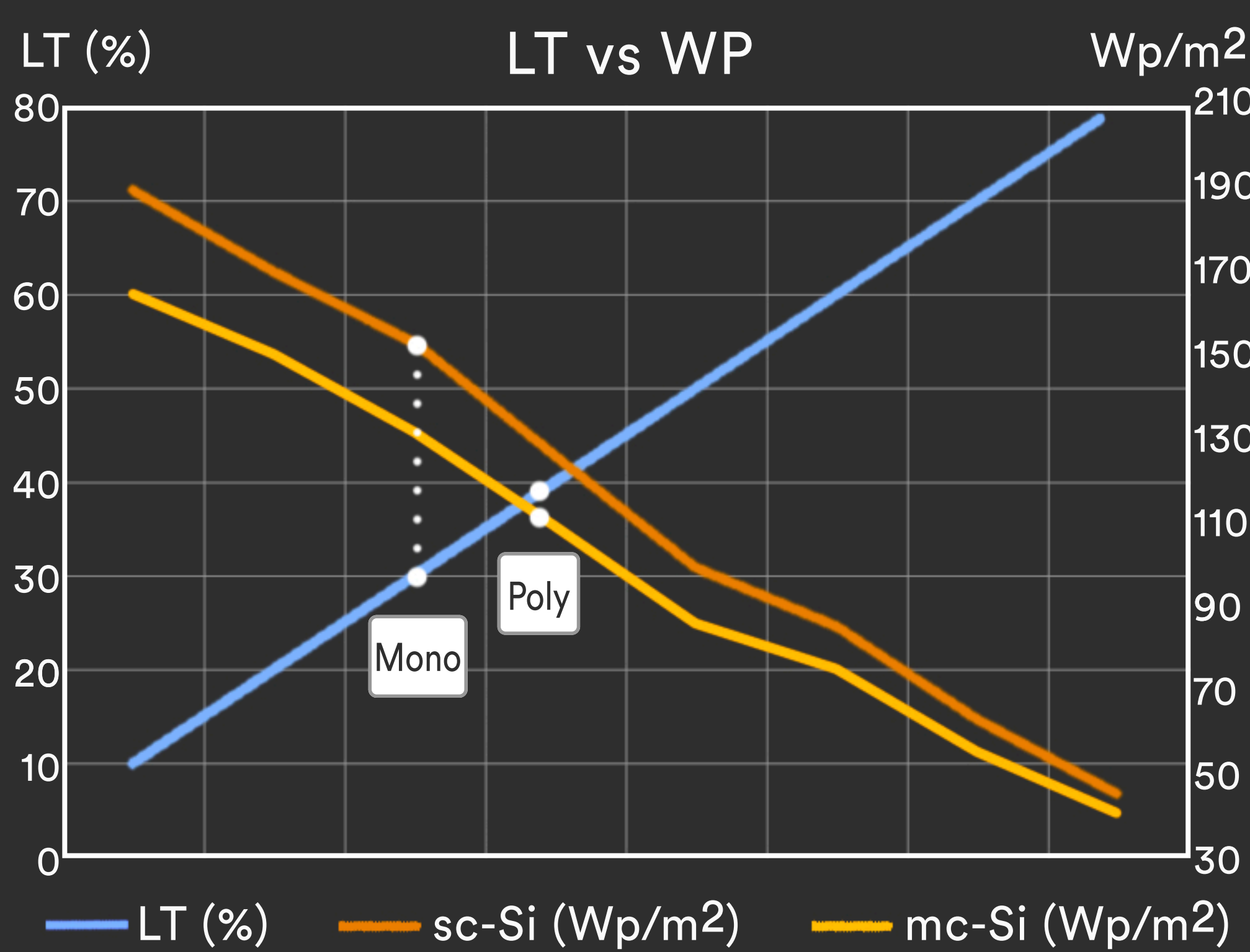
The architectural **integration** of photovoltaic floors in construction makes it possible to create glazed surfaces that, in addition to being an **esthetic and functional novelty**, generate electrical energy.



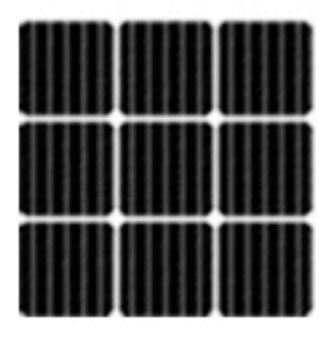
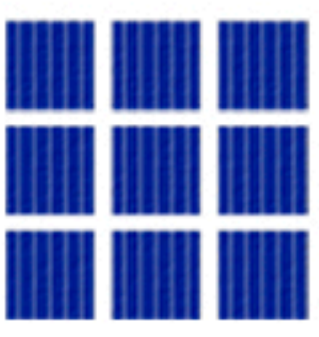
Monocrystalline
 • sc-Si PV
 • 9bb connection
 • high efficiency



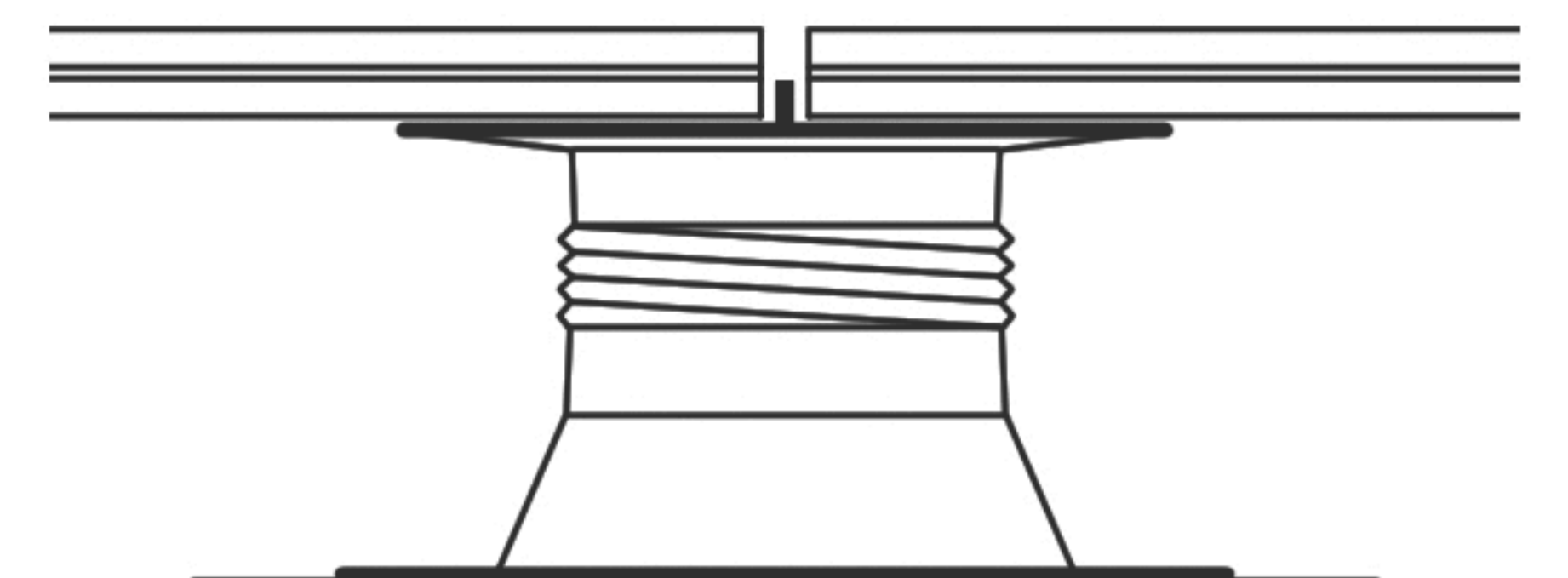
Polycrystalline
 • mc-Si PV
 • 5bb connection
 • high efficiency



2 types

		
Model	BIPV-FL-M166-9	BIPV-FL-P156-9
Cell type	Monocrystalline	Polycrystalline
Cells number	9 pcs	9 pcs
Cell size	166,75 x 166,75 mm	156,75 x 156,75 mm
Size	600 x 600 mm	600 x 600 mm
Thickness	18 mm	18 mm
Power	55 Wp	45 Wp

Support with PLOTS



- ✓ **DIN 51097** (barefoot) ; Class C $\geq 24^\circ$
- ✓ **DIN 51130** (in shoes) ; R12 $> 27^\circ - 35^\circ$
- ✓ **ENV 12633** (Pendulum Method) ; Rd > 45 Class 3
- ✓ **ASTM C-1028** (Dynamometer Method)

Anti-slip Rules

+ Energy + Saving - Outlay - CO2

CE 2014/35/EU
 EN 50583-1
 EN 14449

ISO ISO 9001
 ISO 14001
 ISO 45001

IEC 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

