

Best solution
Better integration

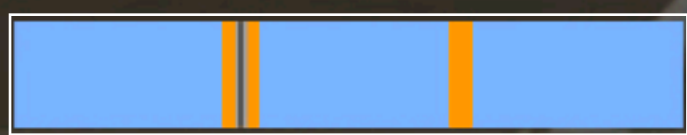
BIPV SKYLIGHT

PV Panel

MATERIALS

- 3 - 12 mm tempered glass high-transparency
- 0.76 mm PVB layer
- 0.21 mm PhotoVoltaic cells
- 0.76 mm PVB layer
- 3 - 12 mm tempered glass
- 0.76 mm PVB layer
- 3 - 12 mm tempered glass

Composition:



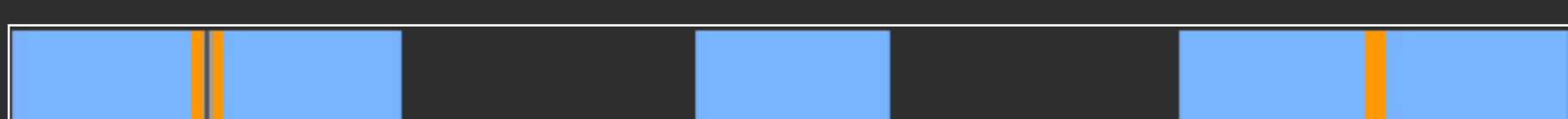
Insulation Chamber/s:

- 6/9/12/15 mm (air/argon)

PV IC Glasses



PV IC Glass IC Glasses



Size:

Min: 180 x 180 mm

Max: 4500 x 2500 mm

Junction Box:

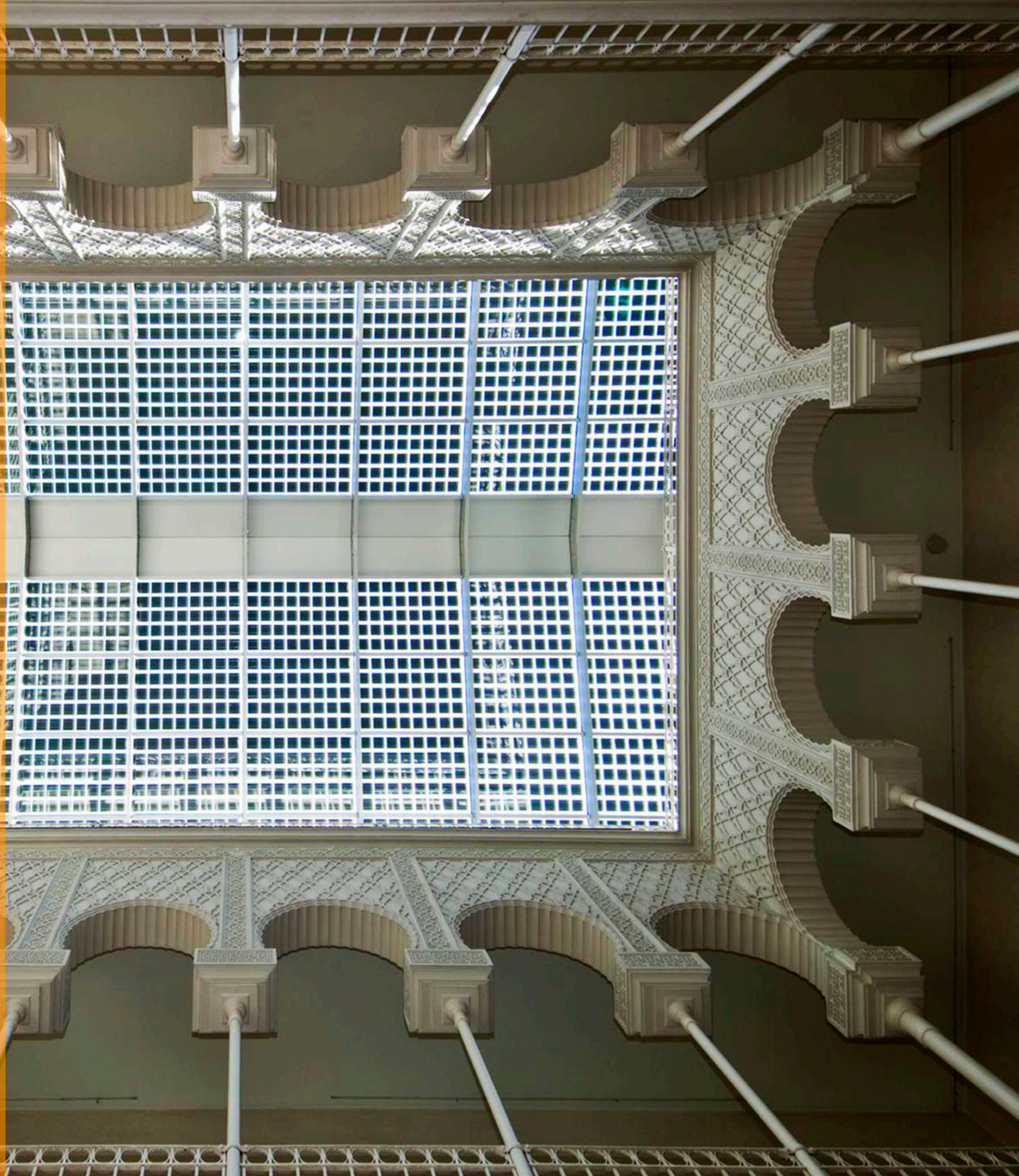
Border
Back

Cable:

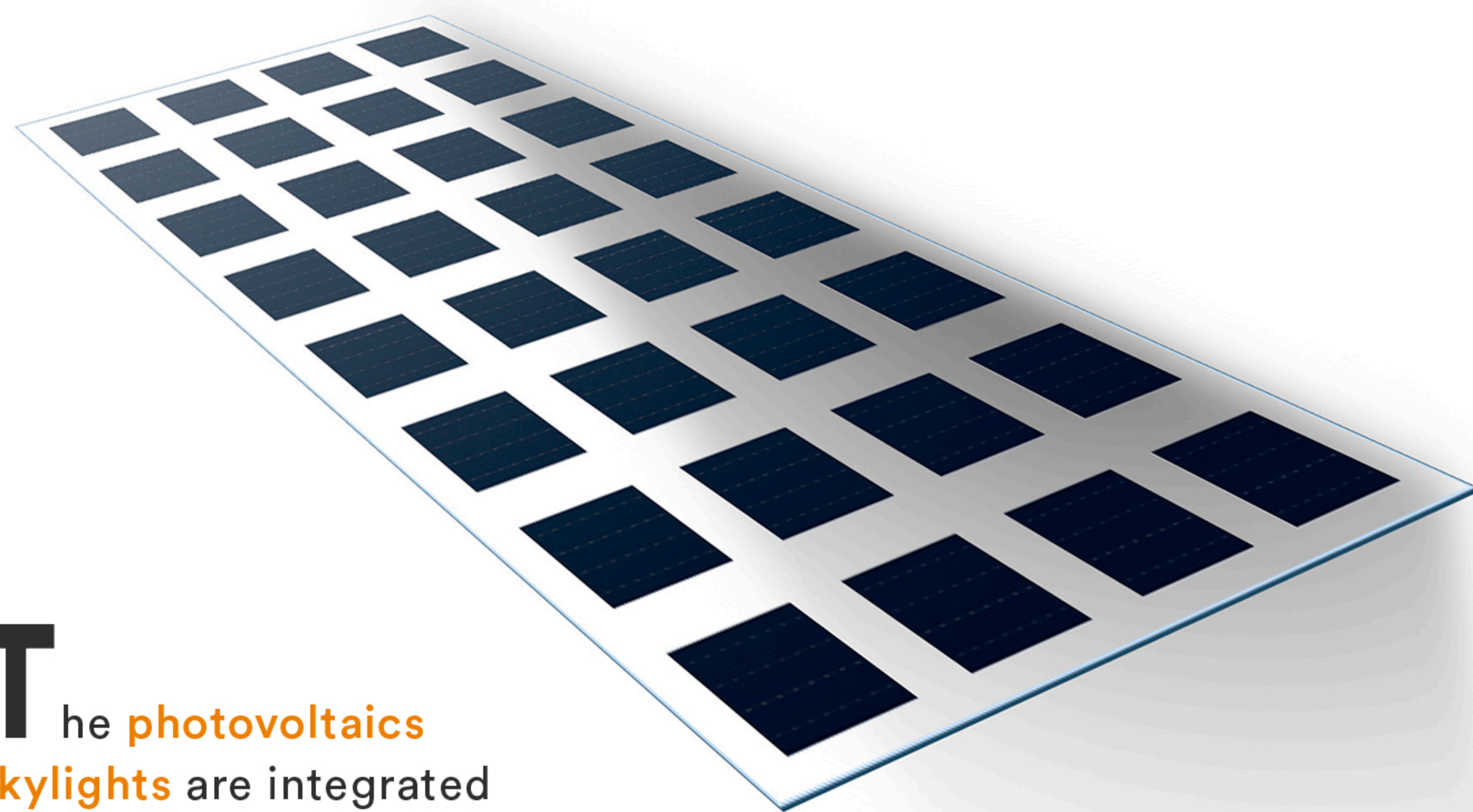
4 mm²

Connectors:

Type 3
Type 4



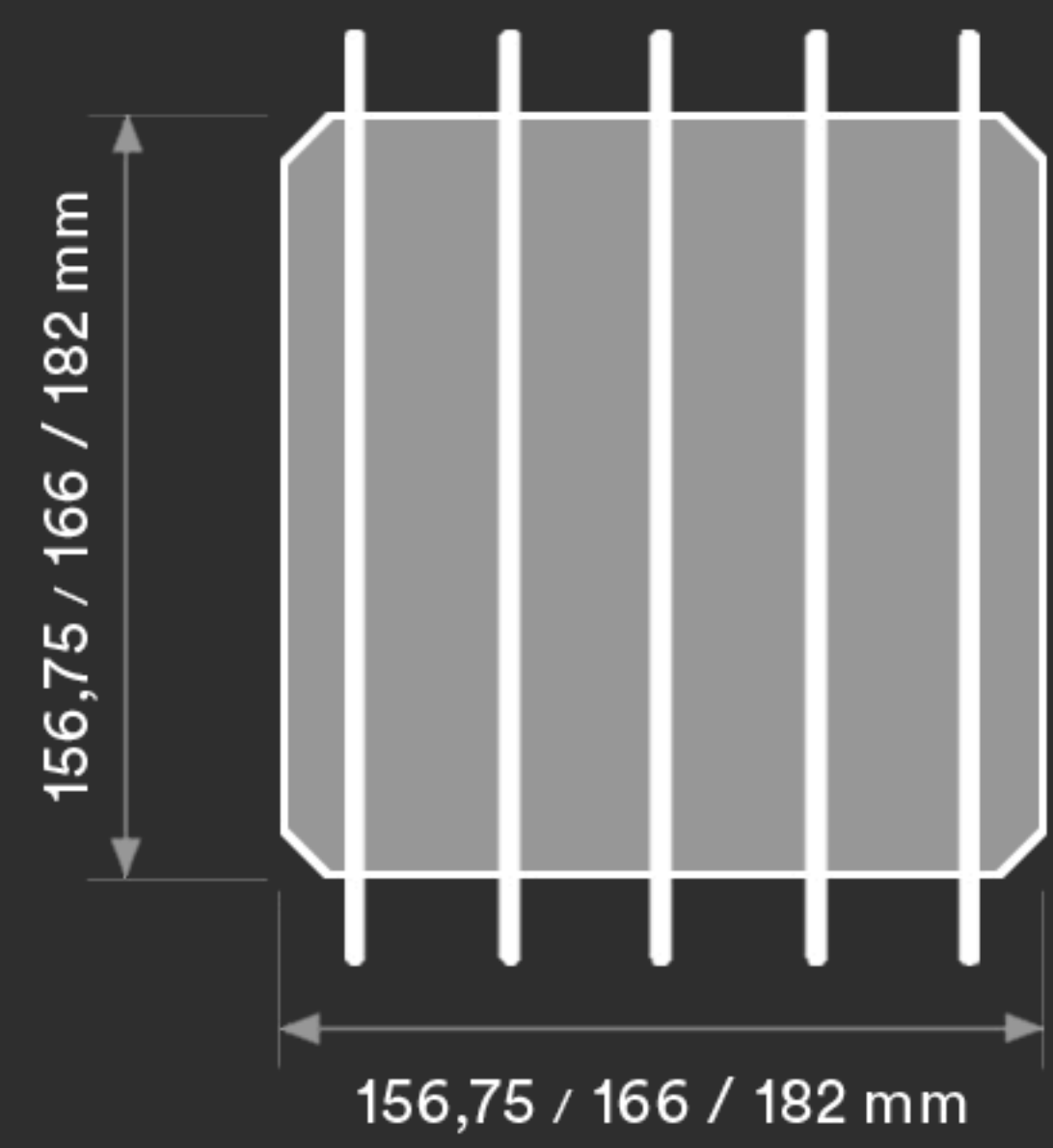
BIPV
ISRAEL 



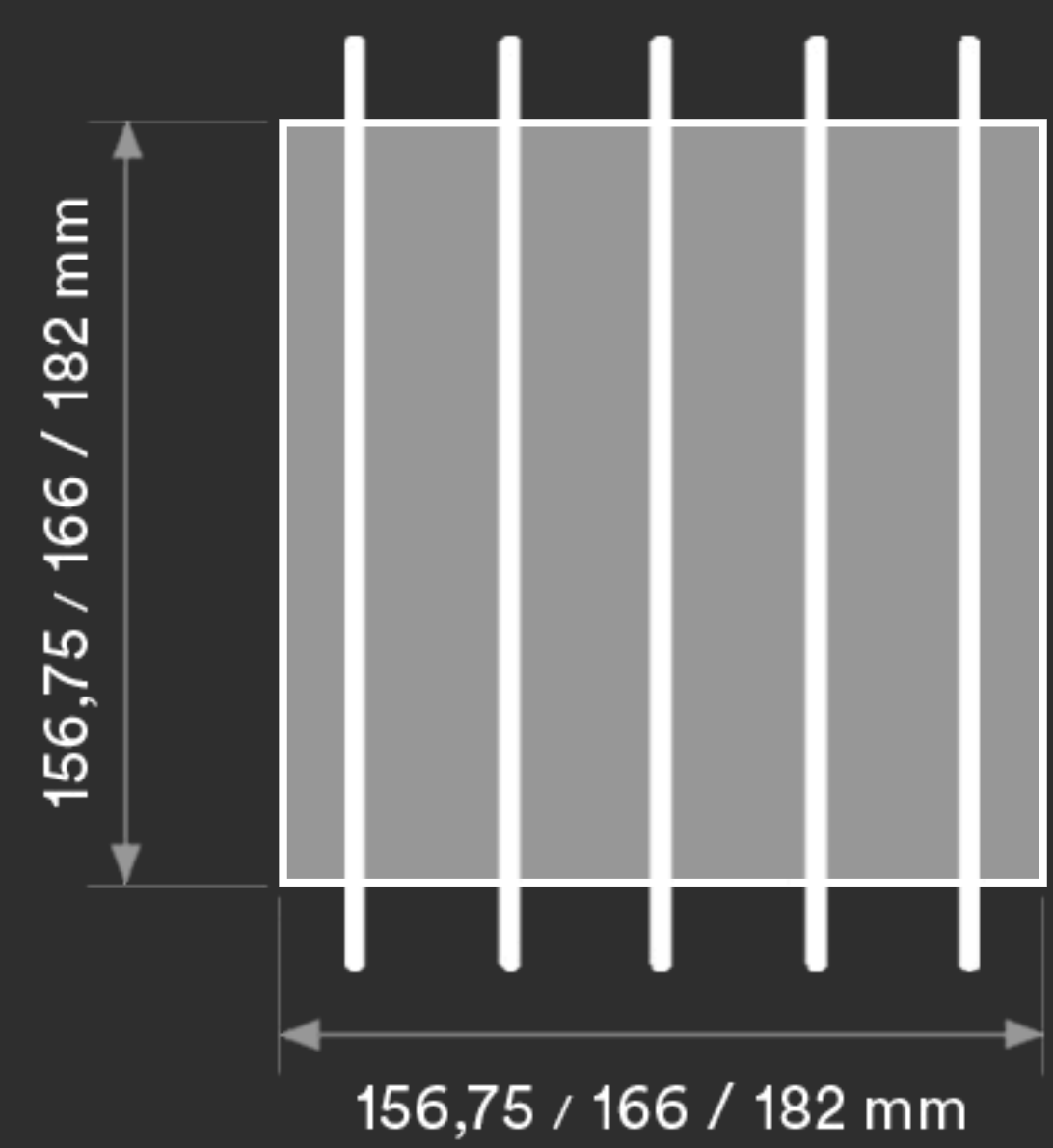
The **photovoltaics skylights** are integrated perfectly in architecture preserving aesthetics thanks to the great variety of possible configurations, fusing ecology with habitability and efficiency. In **existing** buildings, energy saving levels are achieved similar to those of new constructions.

T BIPV

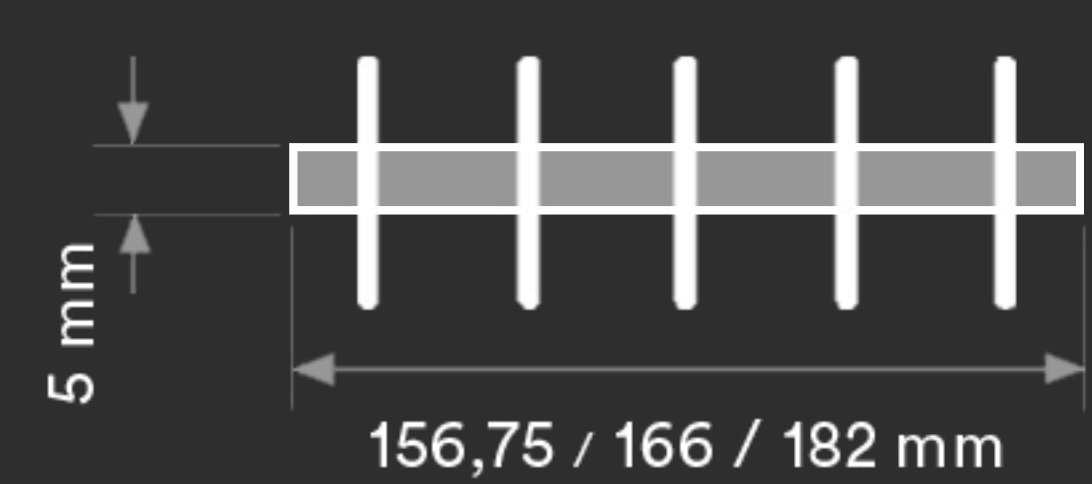
The **integrated** photovoltaic skylights are ideal given their location on the roof to generate solar energy by filtering incident radiation and allow natural **lighting** of interior spaces.



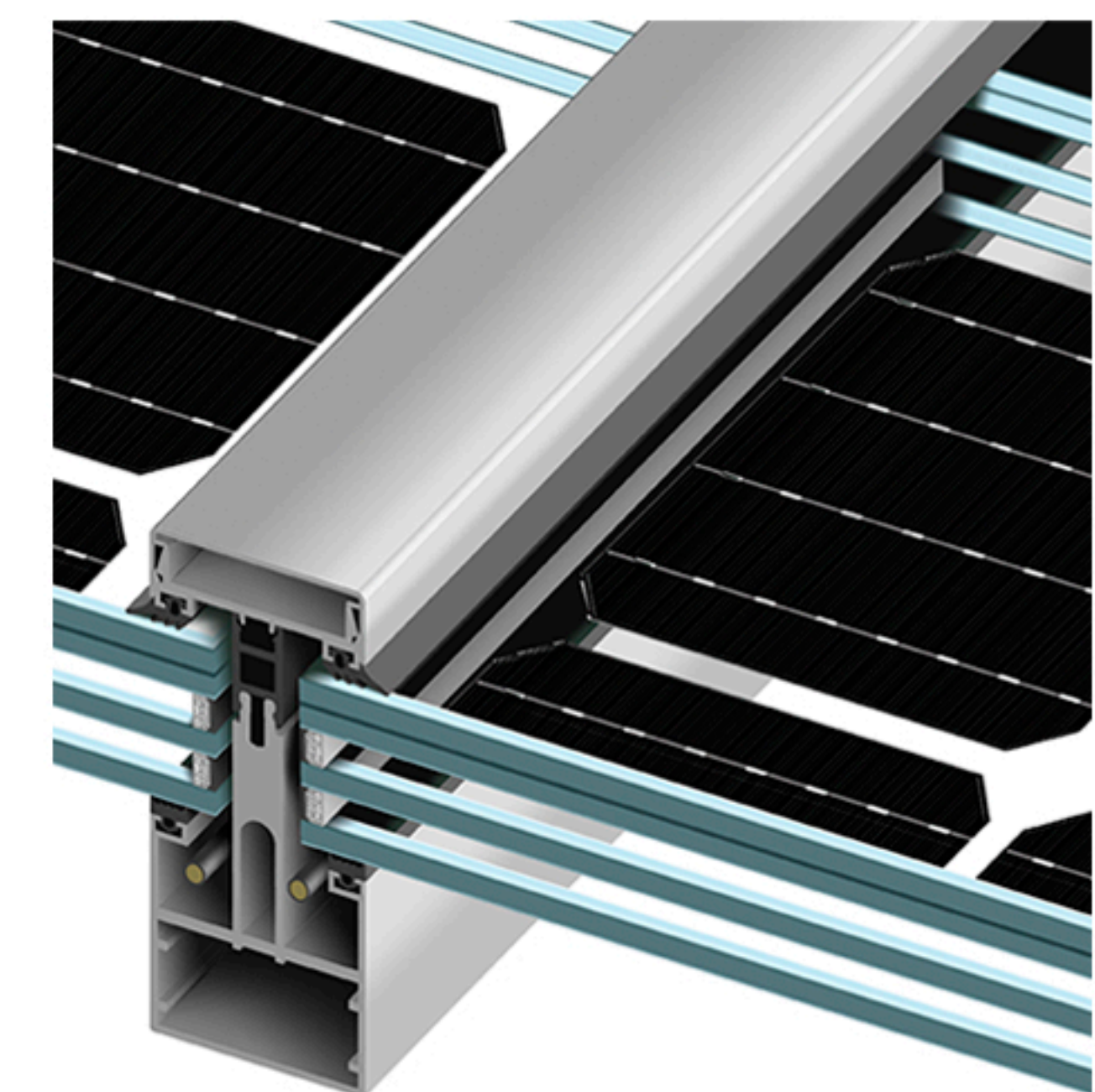
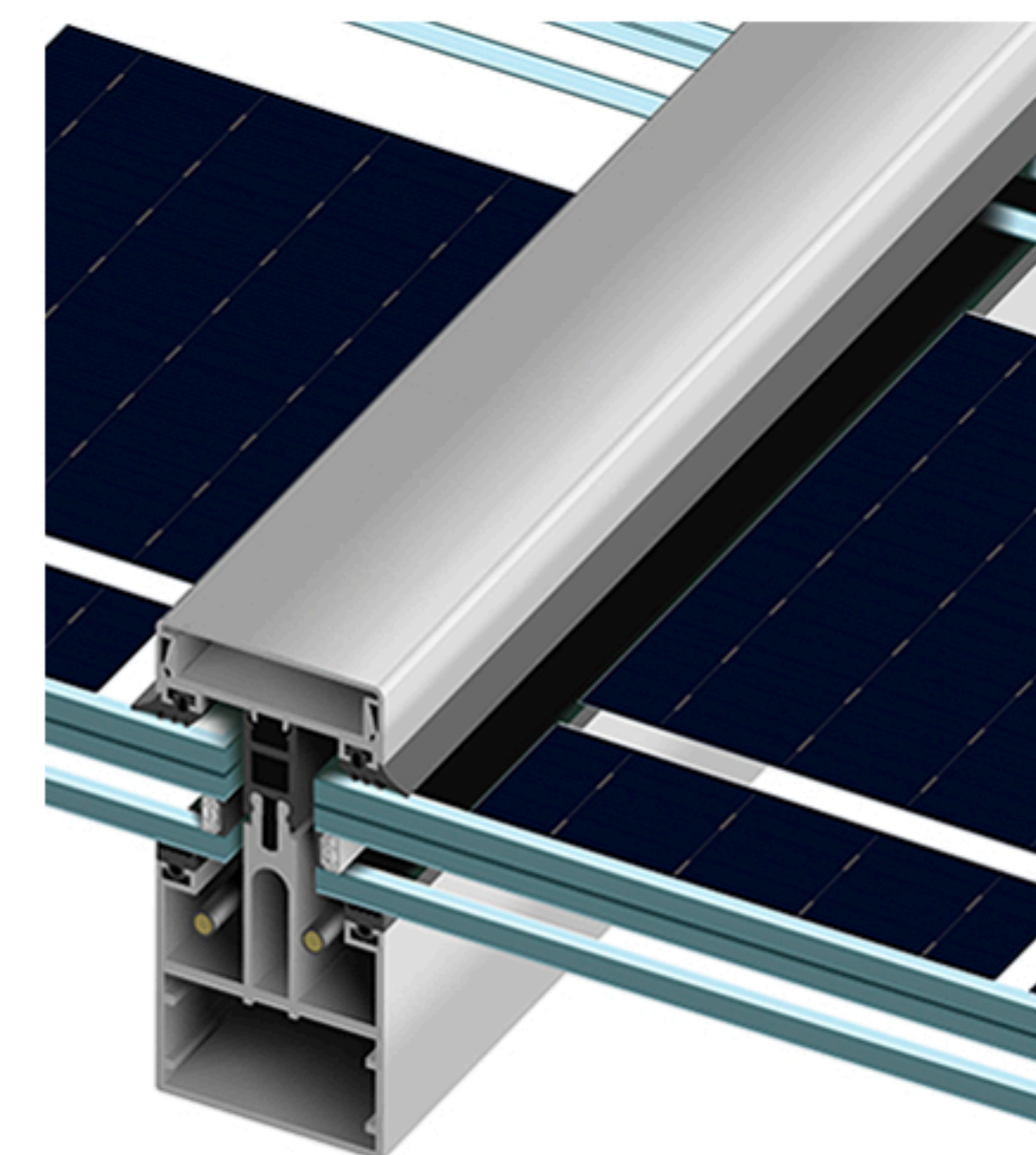
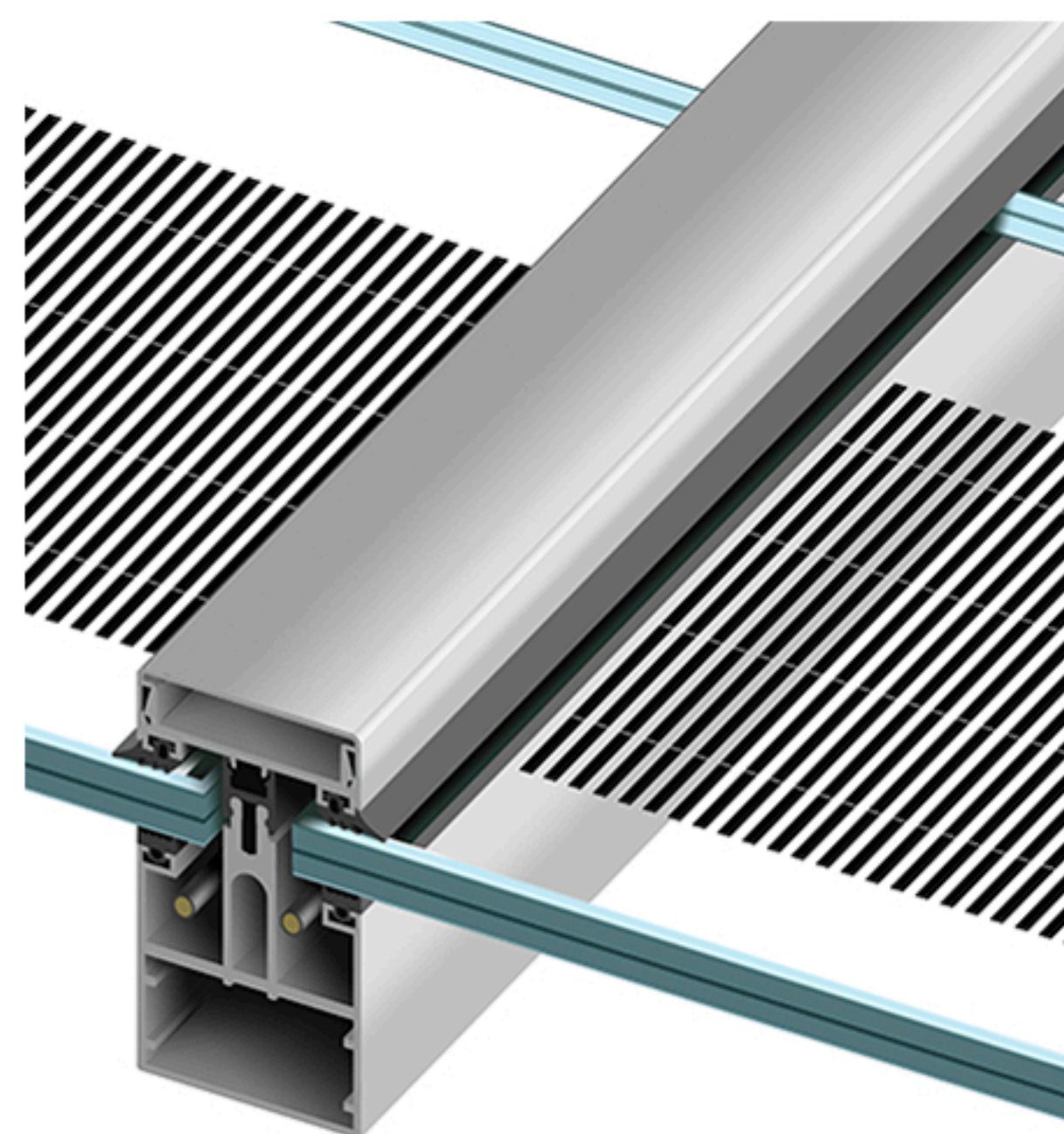
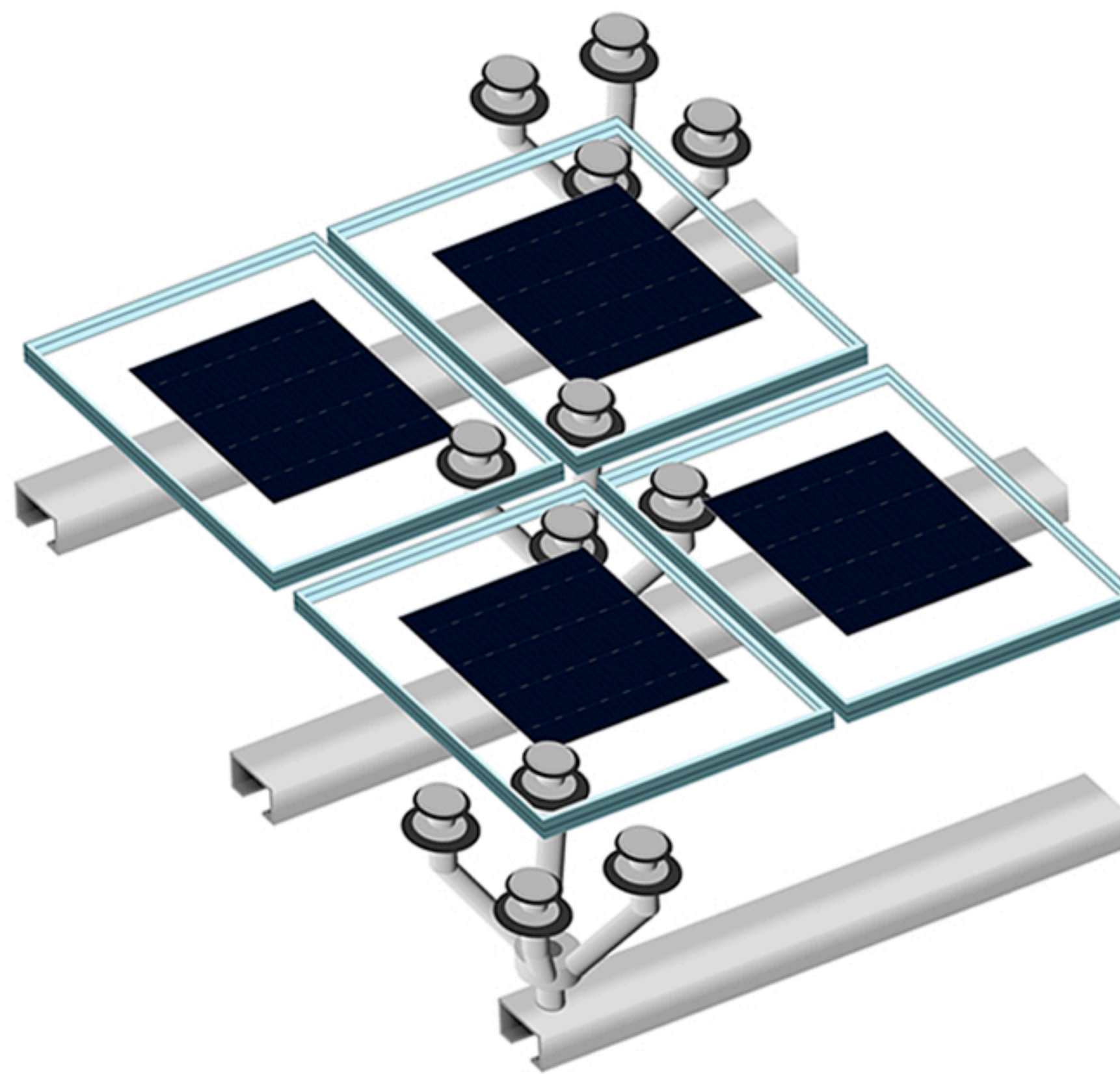
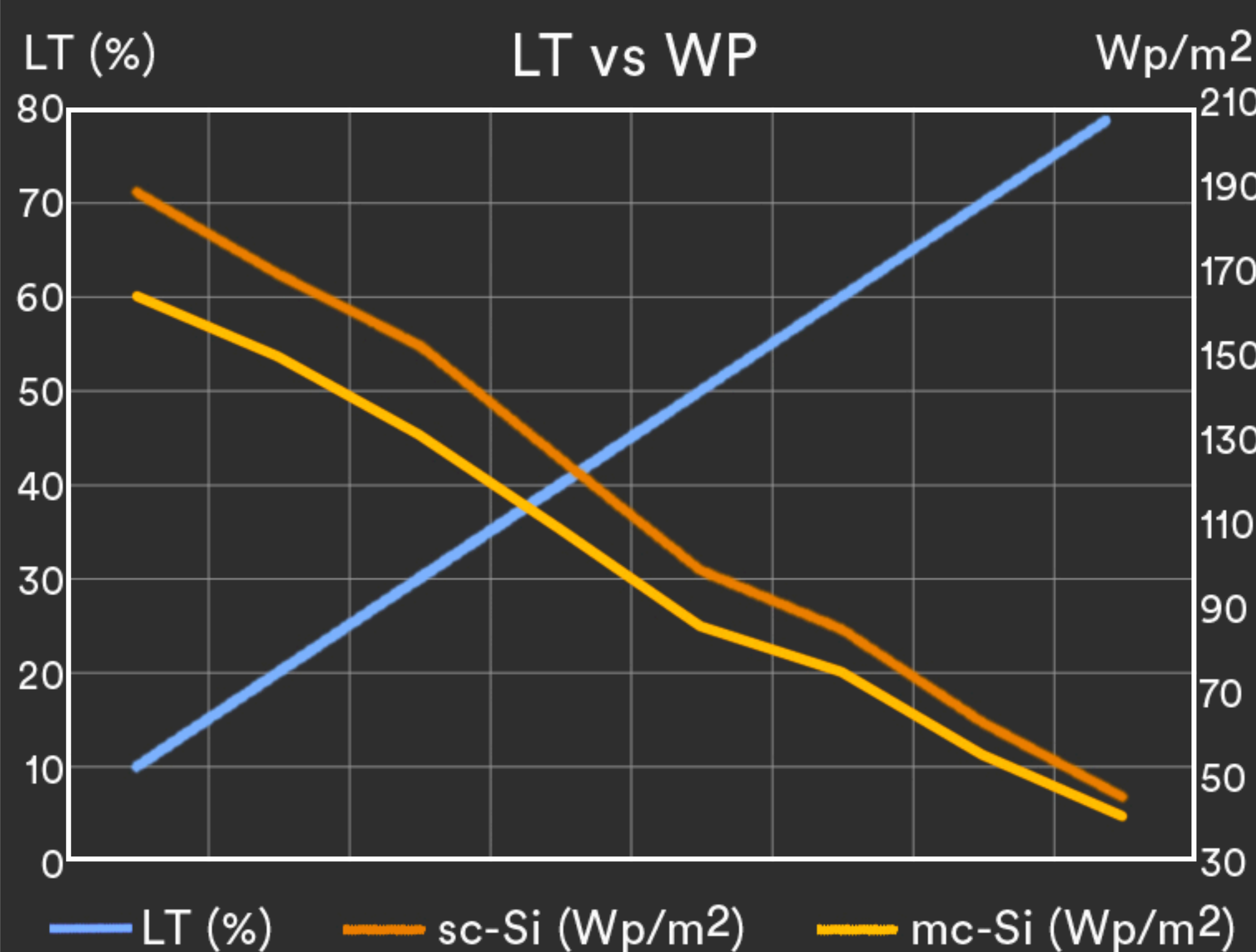
Monocrystalline
• sc-Si PV
• 5bb connection
• high efficiency



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

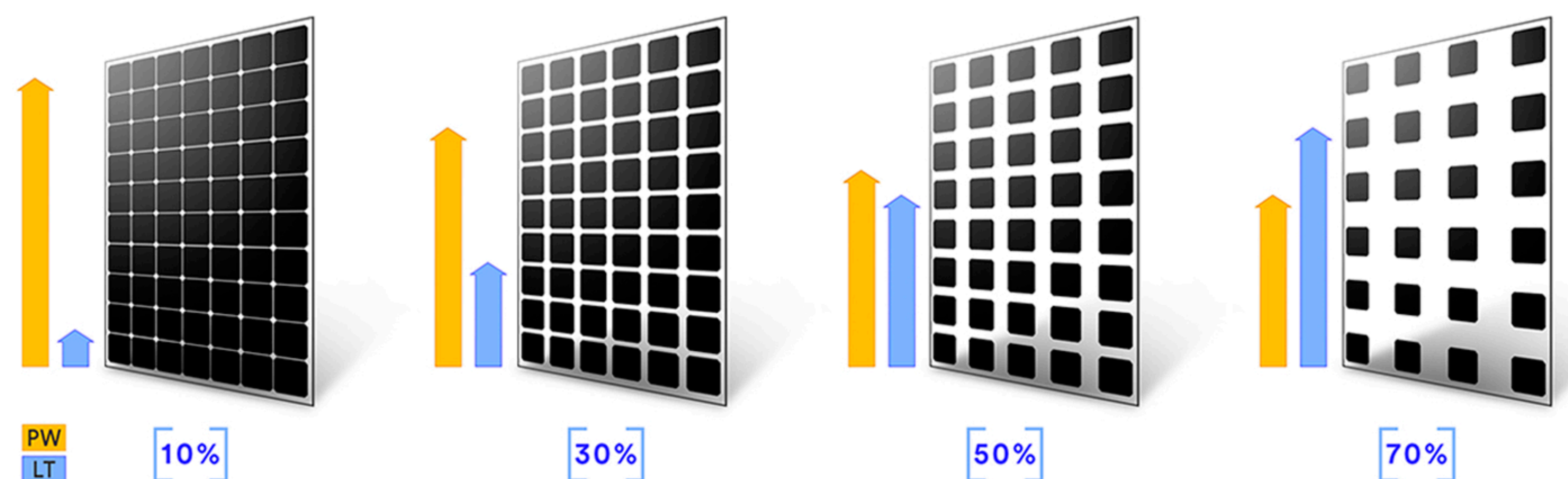


Monocrystalline
• sc-Si PV
• 5bb connection
• high efficiency



Structure & Insulation

Customized Transparency



+ Energy + Saving - Outlay - CO2

 2014/35/EU
EN 50583-1

 ISO 9001
ISO 14001
ISO 45001

 IEC/EN 61215
IEC/EN 61730

 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