

Best solution  
Better integration

# BIPV WINDOW

## PV Panel

### MATERIALS

- 4 mm tempered glass  
high-transparency
- 0.76 mm PVB layer
- 0.21 mm PhotoVoltaic cells
- 0.76 mm PVB layer
- 4 mm tempered glass
- 6 - 15 mm insulation chamber
- 4 mm tempered glass
- 0.76 mm PVB layer
- 4 mm tempered glass

### Insulation Chamber/s:

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



### Size:

600 x 1200 mm

### Junction Box:

Border

### Cable:

4 mm<sup>2</sup>

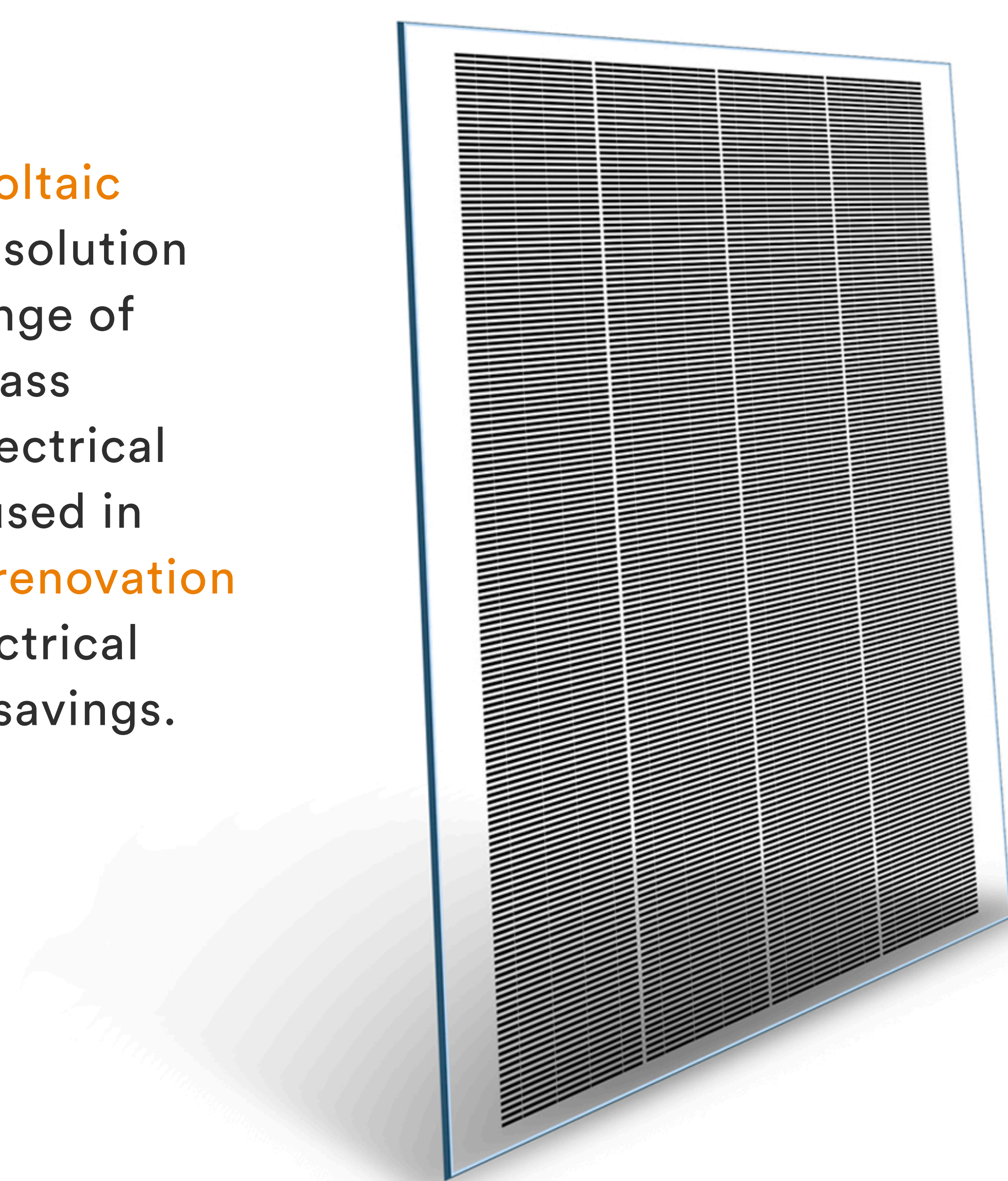


### Connectors:

Type 3

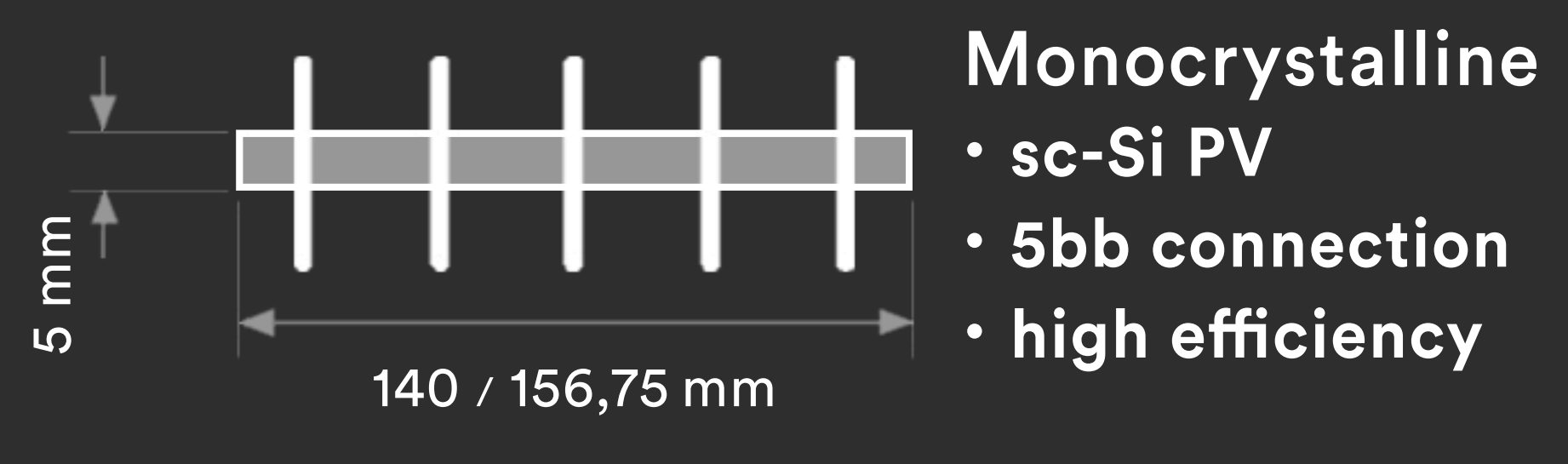


**S**olar Innova **photovoltaic windows** are a perfect solution as they constitute a range of active technological glass capable to generate electrical energy, which can be used in **new construction** and **renovation buildings**, allowing electrical autonomy and energy savings.

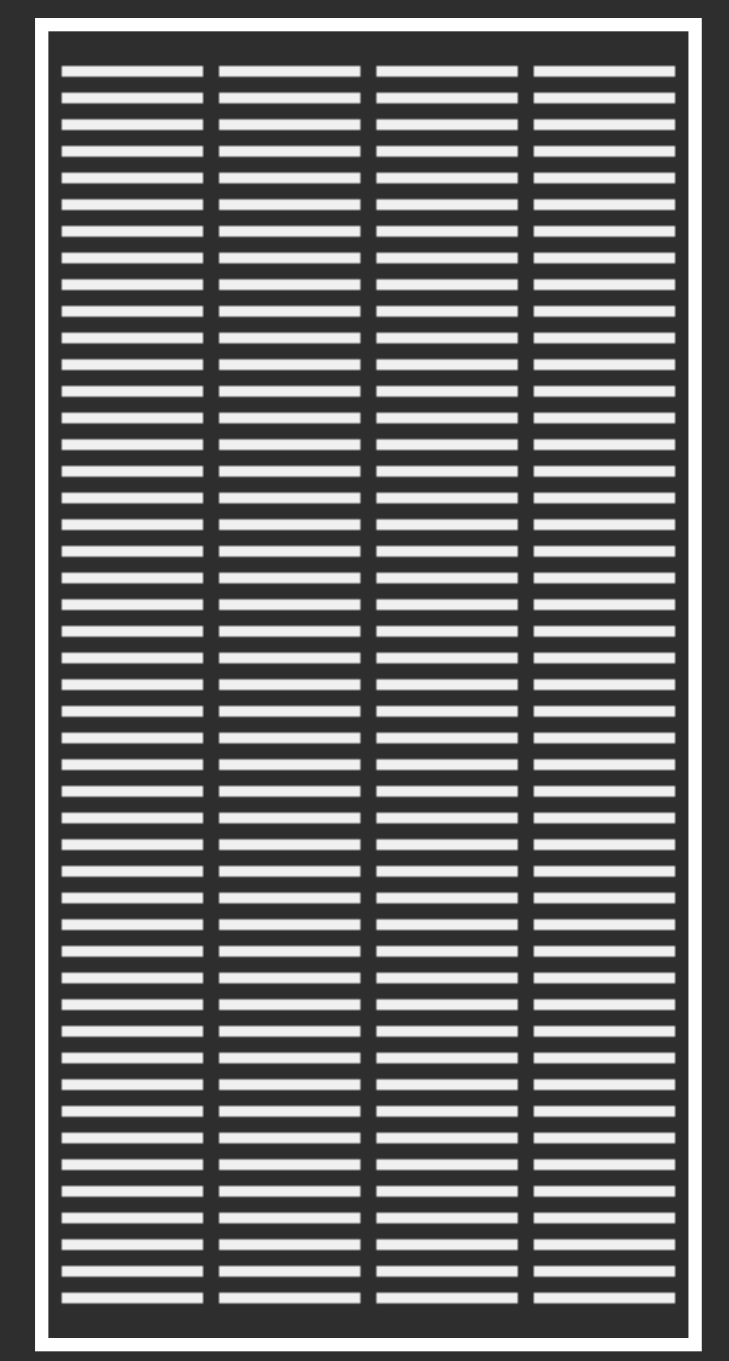


# BIPV

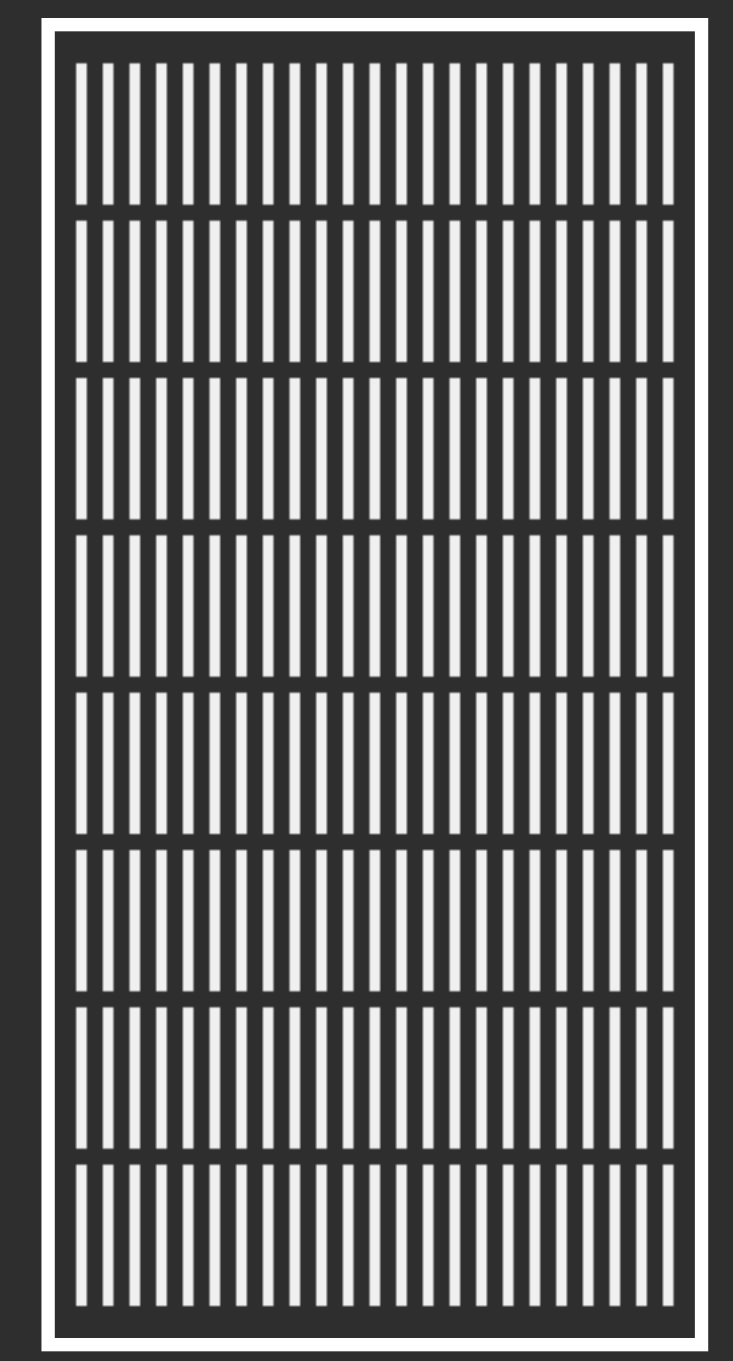
The architectural **integration** of photovoltaic solar panels in construction makes it possible to create glazed surfaces that, in addition to being an **esthetic and functional** novelty, generate electrical energy.



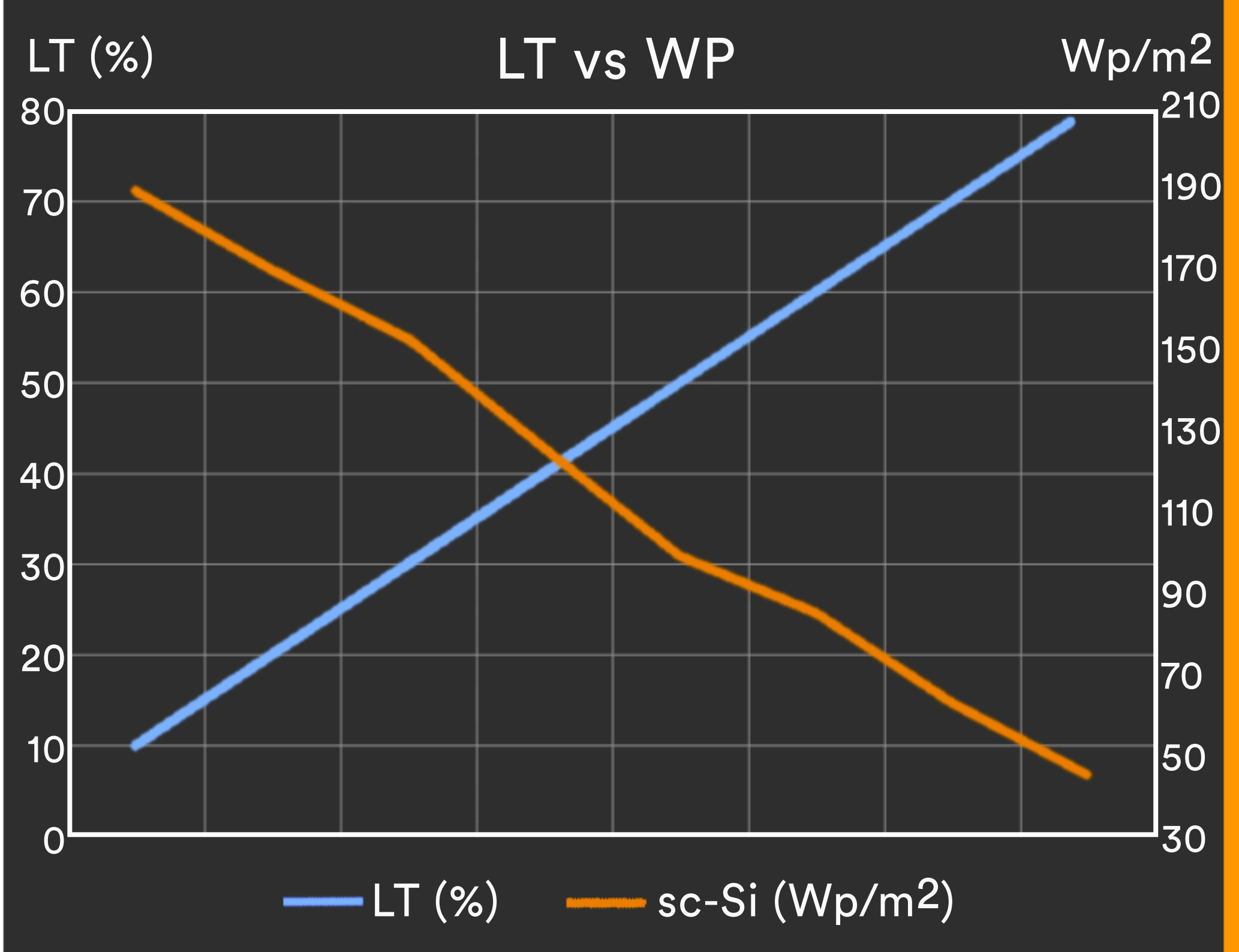
- Monocrystalline**
- sc-Si PV
  - 5bb connection
  - high efficiency



Horizontal



Vertical



## SOLAR RADIATION REDUCTION



## + Energy + Saving - Outlay - CO<sub>2</sub>



2014/35/EU  
EN 50583-1



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



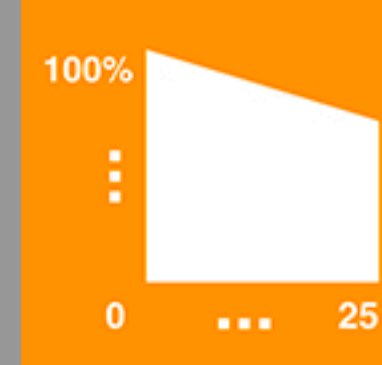
Photovoltaic Architecture



High satisfaction



High resistance



Low deterioration