

### Advantages



High Light Transmissivity



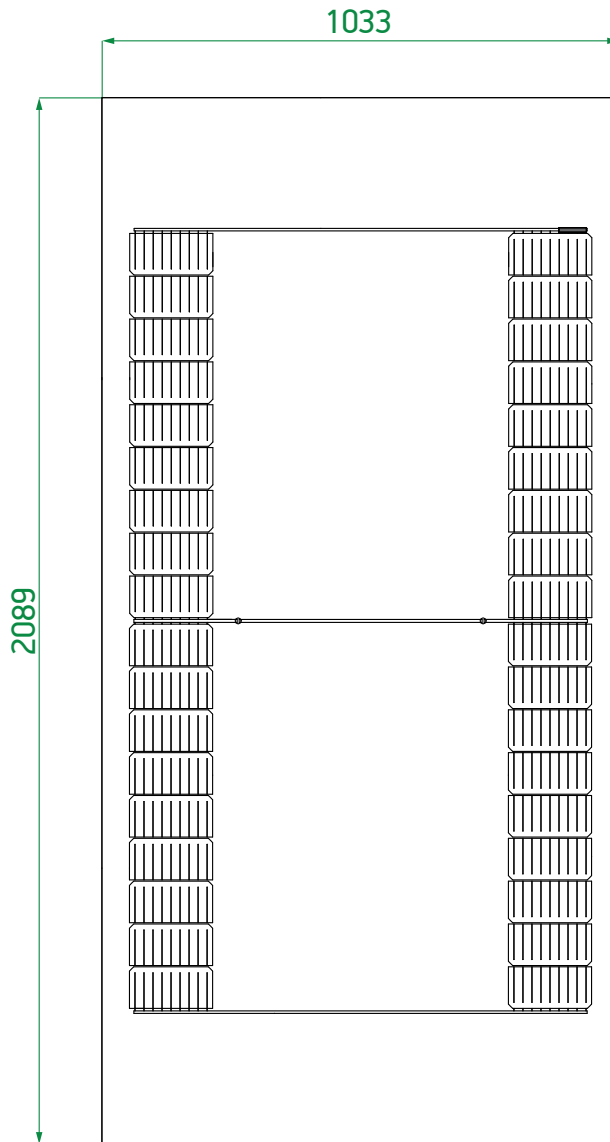
High Degree of Light Diffusion



Suitable for New or Retrofit Greenhouse Applications



Available in Custom Sizes



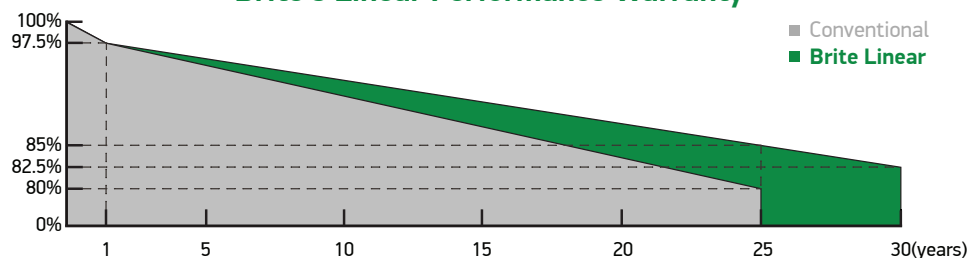
**115**  
Wp

**77.01**  
%T

**12** Years  
Material & Craft  
Quality  
Assurance

**30** Years  
Power  
Output  
Guarantee

### Brite's Linear Performance Warranty



ISO 9001: Quality Management System  
 ISO 14001: Environmental Management System  
 IEC/EN61215 - IEC/EN61730 - ANSI/UL61703



## Mechanical Specifications

Length	2089mm
Width	1033mm
Thickness	5.5mm
Solar Cells	166mm x 83mm, 36pcs
Solar Cell Type	Bifacial Monocrystalline
Solar Module Area	0.496m <sup>2</sup>
Front Glass	2mm Tempered AR >93.5% TL
Encapsulant	POE/EVA
Back Glass	2mm Transparent
Weight	26kg
Cable	TUV Certified 4mm <sup>2</sup>
Junction Box	IP68 - 2 Bypass Diodes
Connectors	MC4 Compatible
Shading	22.99%
Operating Temperature	-40~+85°C
Maximum Static Load	5400Pa

## Electrical Specifications (STC)

Short Circuit Current (Isc)	11.37A
Opt. Operating Current (Imp)	10.69A
Open Circuit Voltage (Voc)	12.97V
Opt. Operating Voltage (Vmpp)	10.76V
Nominal Max Power (Pmax)	115Wp
Power Output Tolerance	±10Wp
Maximum System Voltage	1500V
Maximum Series Fuse Rating	20A

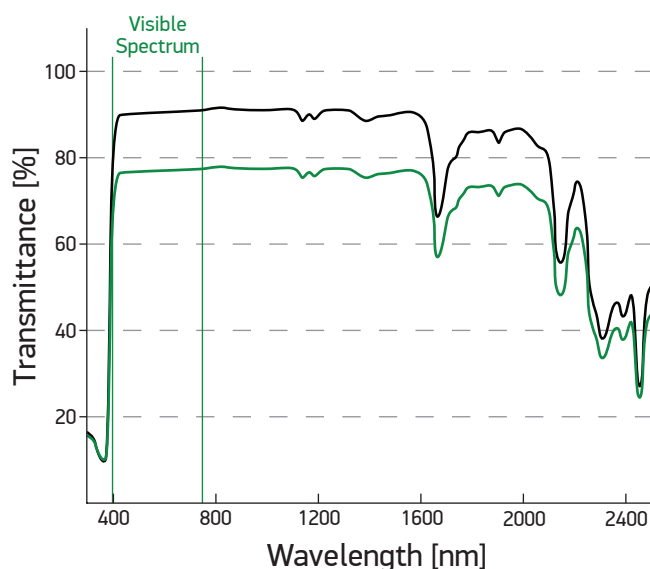
## Temperature Coefficients

Temp. Coefficient Pmax (%/°K)	-0.397
Temp. Coefficient Voc (%/°K)	-0.281
Temp. Coefficient Isc (%/°K)	0.0282
Nominal Operating Cell Temp.	45±2°C

## Packaging Configuration

Modules Per Box	35 Pcs
Modules Per 40' Container	770 Pcs

## Light Transmittance



Half the current, reducing hotspot temperatures



Superior low irradiance performance



Excellent temperature coefficient characteristics



No snail trail



Fully symmetrical structure to prevent micro cracks



Assembled with thinner and lighter glass (2mm)



Half cell, MBB technology, 'series then parallel' cell connection design



Highly corrosion resistant



Thermi 2 Building, 9th km. Thessaloniki - Thermi,  
P.O. Box D8129, 57001 Thermi, Greece  
Tel. +30 2310 321342, email: info@britesolar.com  
[www.britesolar.com](http://www.britesolar.com)