

## Advantages



High Light Transmissivity



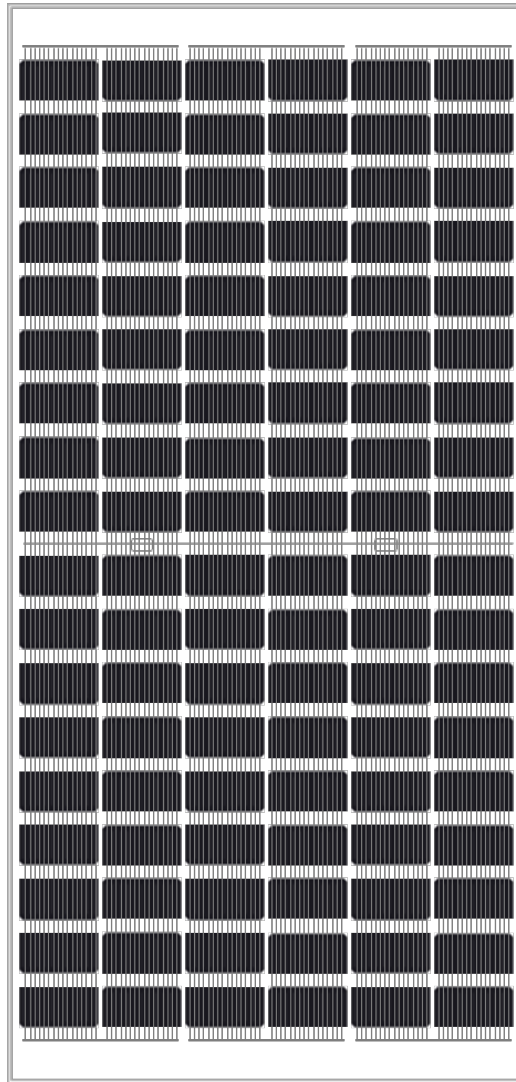
Optional Glass for High Degree of Light Diffusion



Suitable for New or Retrofit Greenhouse Applications



Available in Custom Sizes



2382x1134 – 108 cells 30%T - 440W

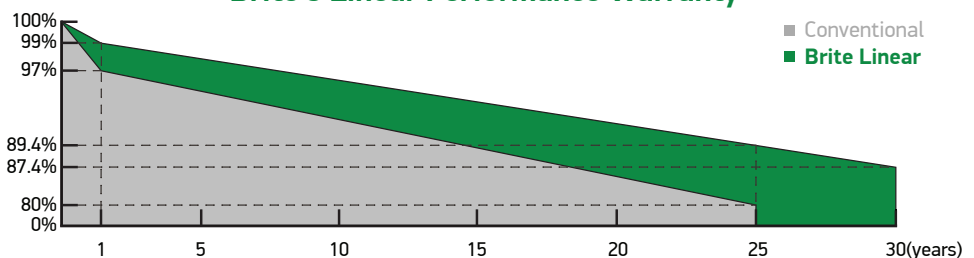
440 Wp

30 %T

12 Years Material & Craft Quality Assurance

30 Years Power Output Guarantee

## Brite's Linear Performance Warranty



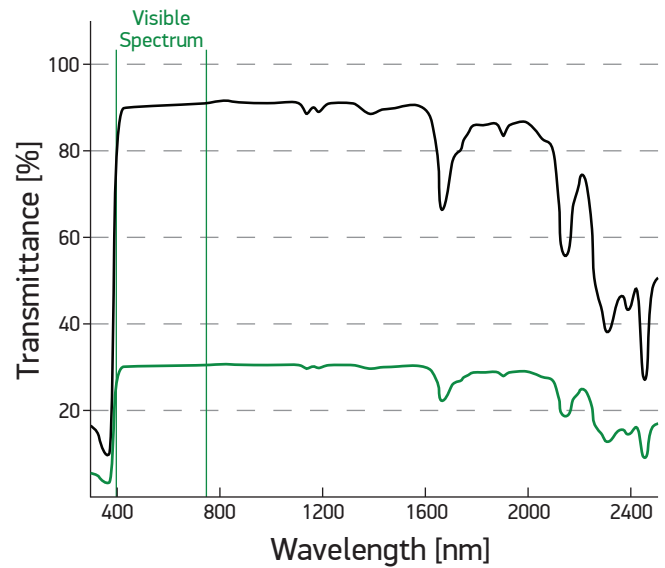
ISO 9001: Quality Management System  
 ISO 14001: Environmental Management System  
 IEC/EN61215 - IEC/EN61730 - ANSI/UL61703



## Mechanical Specifications

Length	2382mm
Width	1134mm
Thickness	30mm
Solar Cells	182mm x 91mm, 108pcs
Solar Cell Type	N Monocrystalline
Solar Module Area	1.789m <sup>2</sup>
Front Glass	2 mm Tempered
Weight	32kg
Cable	4mm <sup>2</sup>
Junction Box	IP68, 3 diode
Connectors	MC4 Compatible
Shading	70%
Operating Temperature	-40 to 85°C
Maximum Static Load	5400Pa

## Light Transmittance



## Electrical Specifications (STC)

Short Circuit Current (Isc)	13.88A
Opt. Operating Current (Impp)	13.32A
Open Circuit Voltage (Voc)	38.62V
Opt. Operating Voltage (Vmpp)	32.58V
Nominal Max Power (Pmax)	440Wp
Maximum System Voltage	1500V
Maximum Series Fuse Rating	25A

## Temperature Coefficients

Temp. Coefficient Pmax (%/°K)	-0.30
Temp. Coefficient Voc (%/°K)	-0.25
Temp. Coefficient Isc (%/°K)	0.05
Nominal Operating Module Temp.	45±2°C

## Packaging Configuration

Modules Per Box	37 Pcs
Modules Per 40' Container	740 Pcs



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