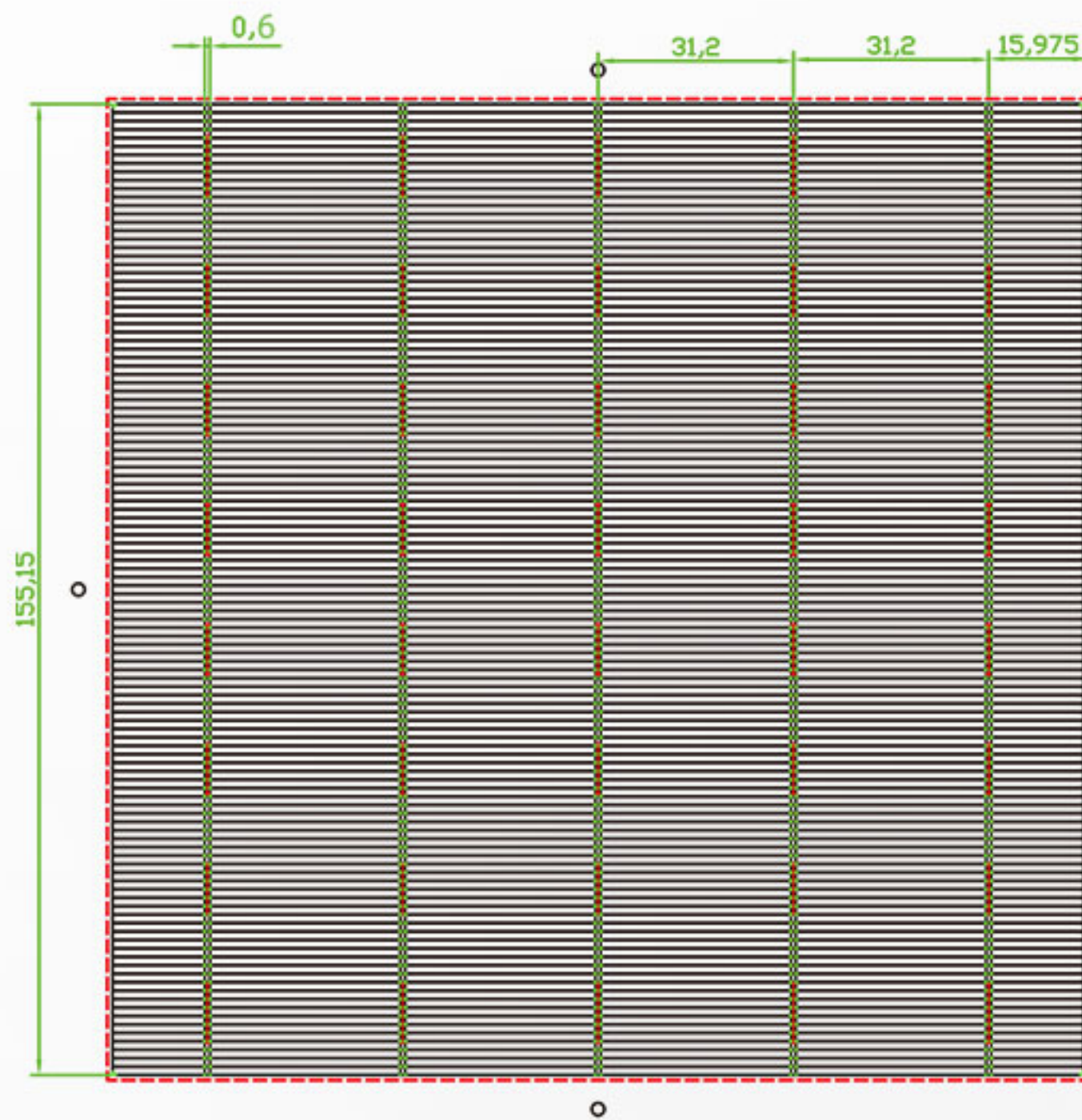


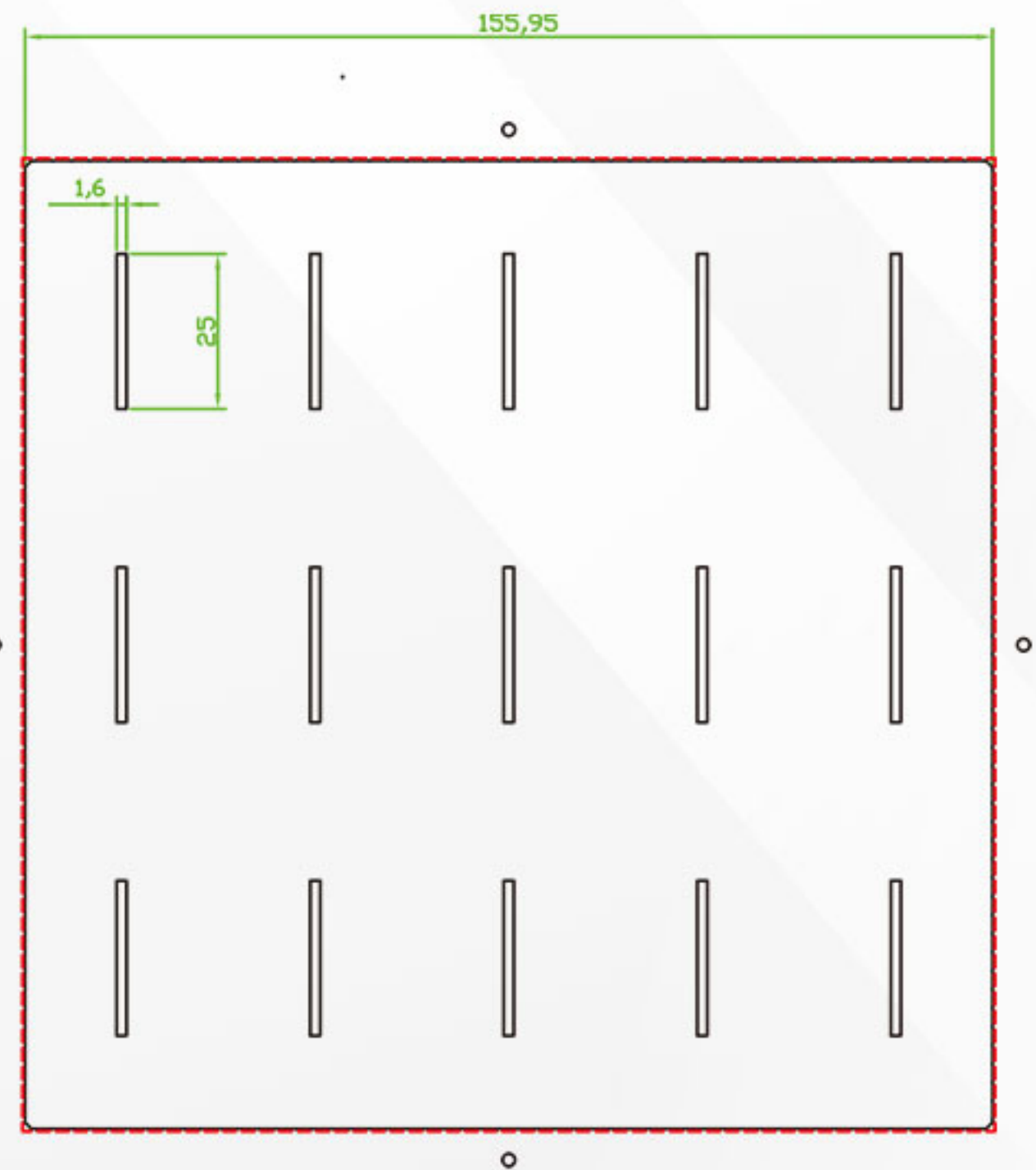
LKS-157mm-5BB Poly

High Efficiency Solar Cell

Front Pattern



Back Pattern



Mechanical Characteristics

Product:	Poly-crystalline Silicon Solar Cell
Dimension:	157mmx157mm±0.25
Thickness:	170μm±20μm
Front (cathode):	0.6mm bus bars(silver),SiNx blue coating
Back (anode):	1.6mm soldering pads(silver)

Electrical Characteristics

Efficiency(%)	Pmpp(Wp)	Vmpp (V)	Ippp(A)	Voc(V)	Isc(A)	FF(%)
19.10%	4.69	0.5450	8.599	0.641	9.127	80.68
19.00%	4.66	0.5393	8.576	0.640	9.076	80.78

18.90%	4.64	0.5405	8.591	0.641	9.027	80.66
18.80%	4.62	0.5393	8.566	0.640	9.026	80.58
18.70%	4.59	0.5379	8.542	0.639	8.985	80.43
18.60%	4.57	0.5369	8.513	0.637	9.002	80.32
18.50%	4.55	0.5351	8.495	0.636	8.949	80.08
18.40%	4.52	0.5327	8.487	0.635	8.937	79.67
18.30%	4.50	0.5329	8.441	0.633	8.955	79.42
18.20%	4.47	0.5322	8.405	0.631	8.907	79.69

Temperature Coefficients

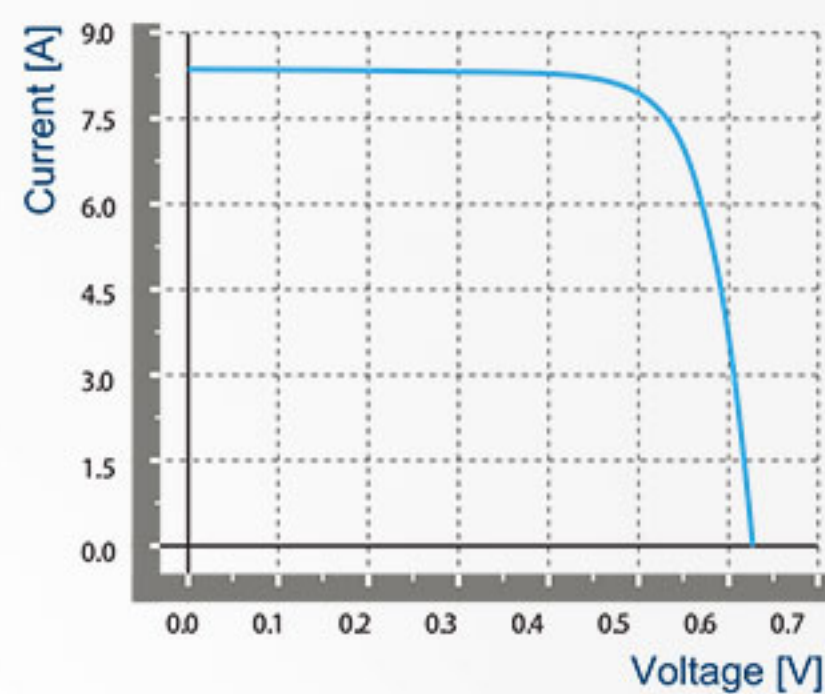
TkCurrent: +0.059%/°K

TkVoltage: -0.348%/°K

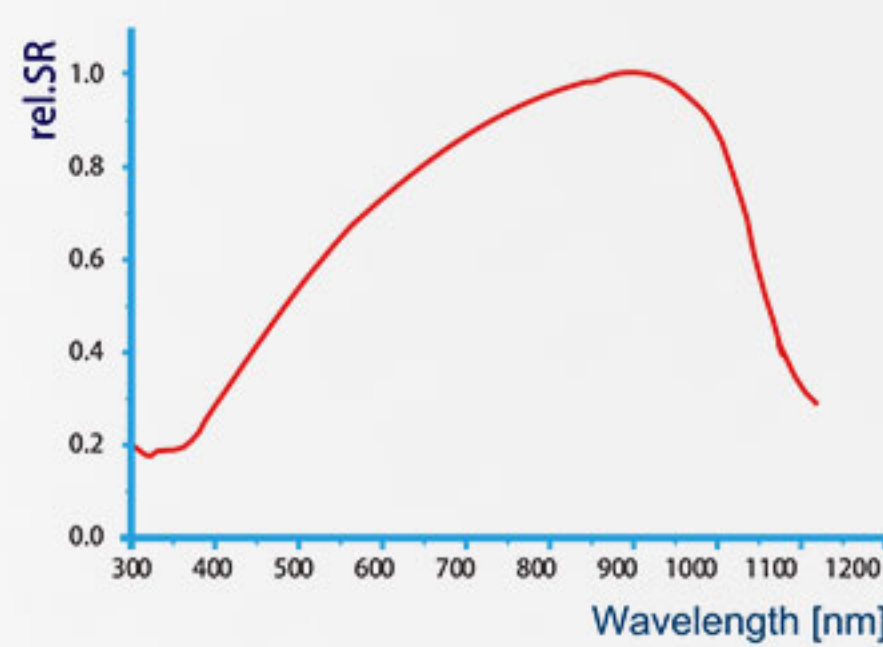
TkPower: -0.401%/°K

STC:Irradiance 1000W/m², Cell temperature 25 °C, AM1.5G.Pmpp ±1.5%, Efficiency ±0.2%

IV CURVE



SPECTRAL RESPONSE



INTENSITY DEPENDENCE

Intensity [W/m ²]	Isc	Voc	Pmpp
1000	1.0	1.000	1.000
800	0.80	1.000	0.900
500	0.50	0.960	0.400
300	0.30	0.930	0.200
200	0.20	0.920	0.100

*Ratio of Voc(Isc) at reduced intensity to Voc(Isc) at 1000 W/m²

*calibrated against fraunhofer ISrEefiburg

Specifications subjects to technical changes and test, Shanghai Linksol New Energy Co.,Ltd reserves the right of final interpretation.