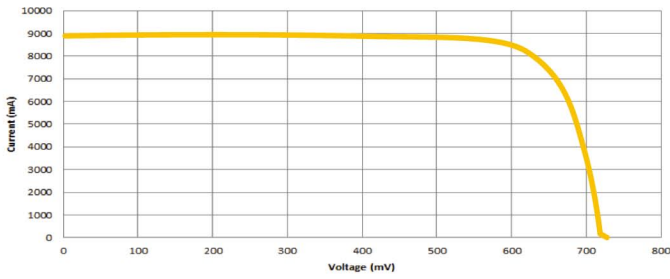
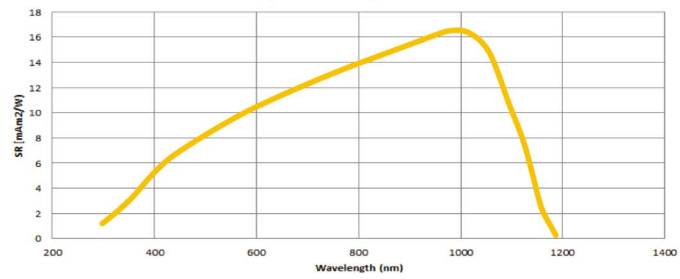


# Flexible Bifacial Mono Cell

I-V Curve



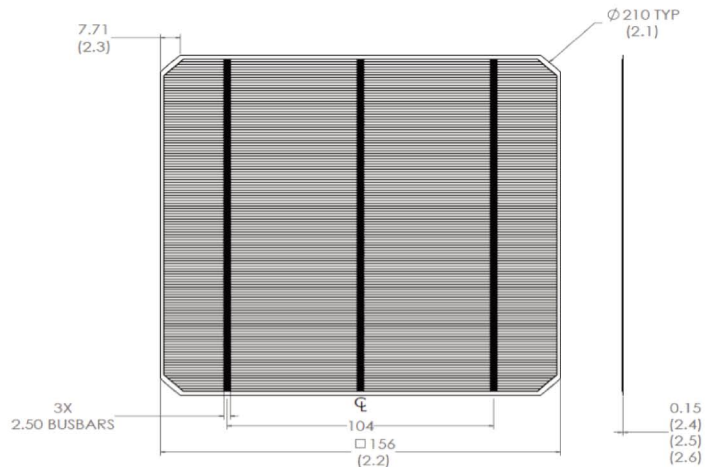
Spectral Response



## ELECTRICAL PERFORMANCE

Power code		P1	P2	P3	P4
Efficiency	Eff(%)	19.0	19.5	20.0	20.5
Power	Ppm(W)	4.59	4.71	4.83	4.95
Max. power current	Ipm(A)	8.03	8.1	8.18	8.27
Short circuit current	Isc(A)	8.98	8.99	9.01	9.02
Max. power voltage	Vpm(V)	0.580	0.590	0.599	0.608
Open circuit voltage	Voc(V)	0.704	0.709	0.715	0.718
Fill factor	FF(%)	73.8	75.1	76.2	77.7

## CELL DIMENSIONS



## TEMPERATURE COEFFICIENTS (STC)

Current	$\alpha(I_{sc})$	0.06%/°C
Voltage	$\beta(V_{oc})$	-0.25%/°C
Power	$\gamma(P_{max})$	-0.24%/°C

## SOLDERABILITY

Peel Strength Minimum > 1.18N/mm

The result listed above was obtained using a soldering iron at 300-400°C with Silevo-specified flux and ribbon. Results may differ due to different flux, ribbons, soldering methods and parameters.

## MECHANICAL DATA

Area	24,221.3±100mm²
Dimensions	156±0.3 mm × 156±0.3 mm
Wafer thickness	180±20µm
Frontside electrode(-)	3 x 1.5mm wide busbar (copper), blue anti-reflecting coating (TCO)
Backside electrode(+)	3 x 2.5mm wide busbar (copper), blue anti-reflecting coating (TCO)

