

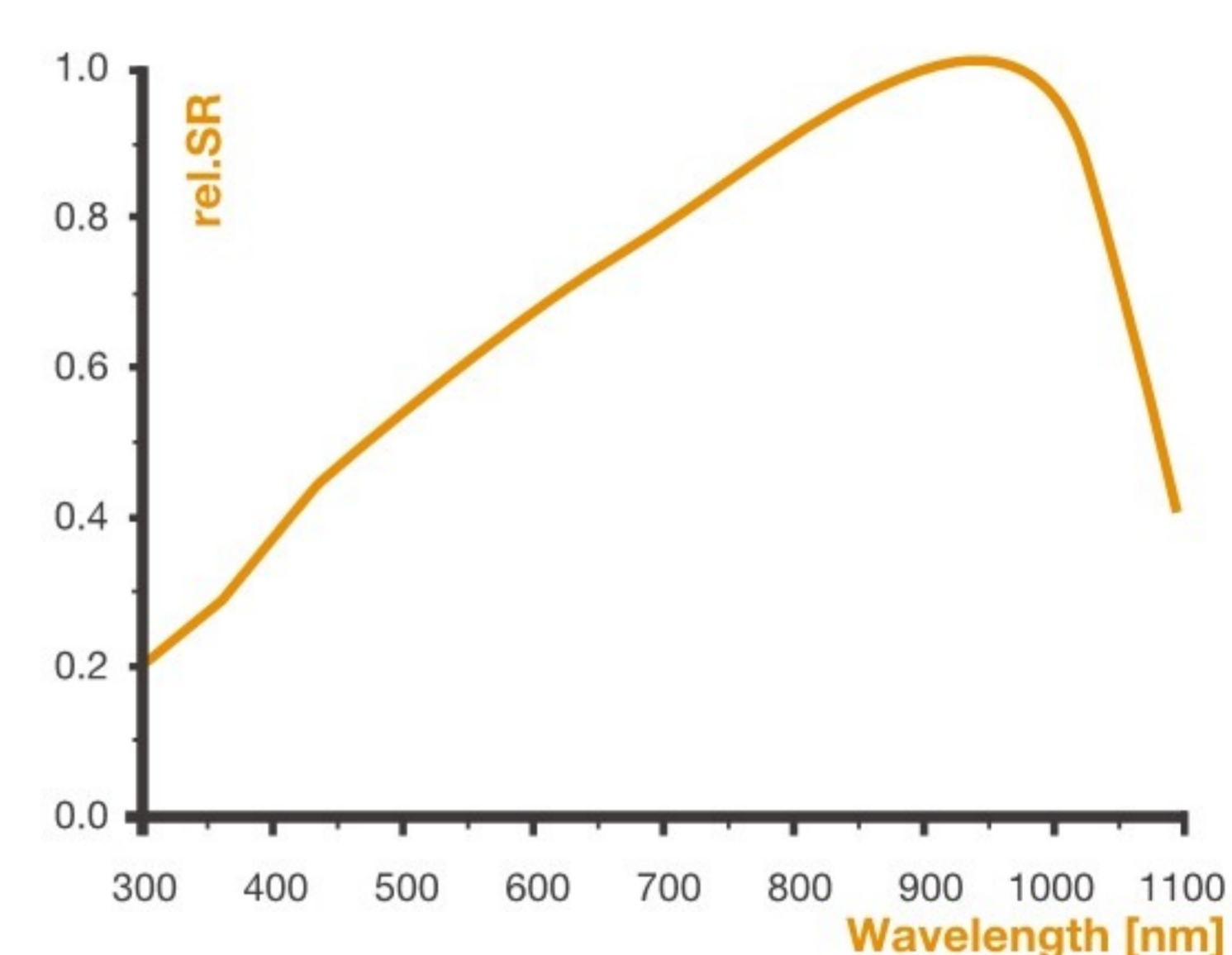
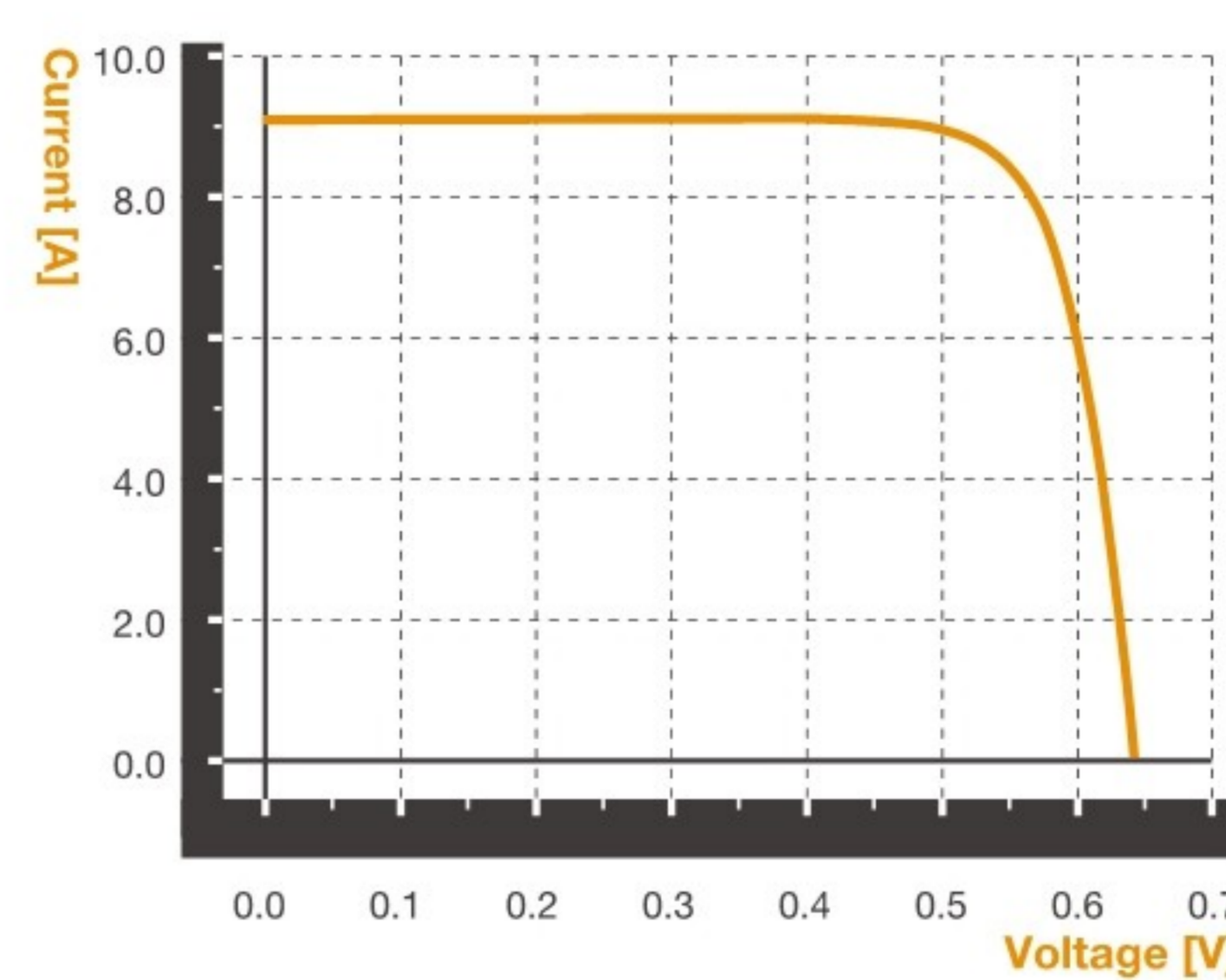
## MECHANICAL DATA AND DESIGN

Format	156.75mm×156.75mm±0.5mm
Thickness	190μm±30μm
Front(-)	0.7mm bus bars(silver), blue anti-reflecting coating(silicon nitride)
Back(+)	1.3mm wide soldering pads (silver back surface field(aluminum))

## TEMPERATURE COEFFICIENTS

TkVoltage	-0.35%/K
TkCurrent	+0.06%/K
TkPower	-0.42%/K

## IV CURVE / SPECTRAL RESPONSE



No.	Efficiency(%)	Pmpp(W)	Umpp(V)	Ipp(A)	Uoc(V)	Isc(A)	FF(%)
10	18.60-18.70	4.58	0.584	11.025	0.682	11.605	81.38
09	18.50-18.60	4.56	0.582	11.012	0.681	11.592	81.27
08	18.40-18.50	4.53	0.581	10.997	0.680	11.576	81.13
07	18.30-18.40	4.51	0.579	10.980	0.680	11.559	80.92
06	18.20-18.30	4.49	0.578	10.960	0.678	11.545	80.81
05	18.10-18.20	4.47	0.576	10.938	0.678	11.530	80.62
04	18.00-18.10	4.44	0.575	10.913	0.677	11.512	80.45
03	17.90-18.00	4.41	0.573	10.892	0.676	11.499	80.36
02	17.80-17.90	4.39	0.572	10.868	0.675	11.475	80.25
01	17.70-17.80	4.37	0.571	10.846	0.673	11.467	80.16