



*Source: NREL, Degradation Mechanisms in TOPCon/POLO Solar Cells

Factory Witness, Characterizations and Light-Induced Degradation Measurement								
Thermal Cycling	Damp Heat	Qualitative Durability Sequence	Mechanical Stress	Tide Stress	Photo-Induced Stress	LED7 Sensitivity	PAR186 a- IAM Profile	Field Exposure
TC 200	TA 1000	TA1000	Static Mechanical Load	Static	65 °C ambient MSV (x and/or -192 hrs)	11000 h (50% T50°C RA-imp)	10000 h	Exposure 6 Months
Characterization	Characterization	UV 65 kWh/m ²		Characterization		Characterization	IAM Profile	
TC 200	DH 1000	Characterization	Dynamic Mechanical Load	Dynamic Mechanical Load	Characterization	14200 h (50% T50°C RA-imp)		Characterization
Characterization	Characterization	TC 50 + HF 10				Characterization		Field Exposure 6 Months
TC 200	Stabilization 80 °C, 48 hrs	UV 65 kWh/m ²		Characterization		Characterization		
Characterization	Characterization		TC 50 + HF 10	TC 50 + HF 10		LED10 162 hrs (75% S _{0.1} at 1000 lux)		Characterization
		UV 65 kWh/m ²	Characterization	Characterization		Characterization		