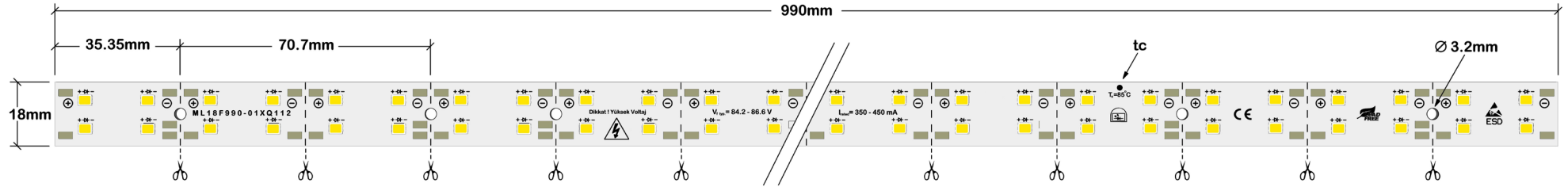
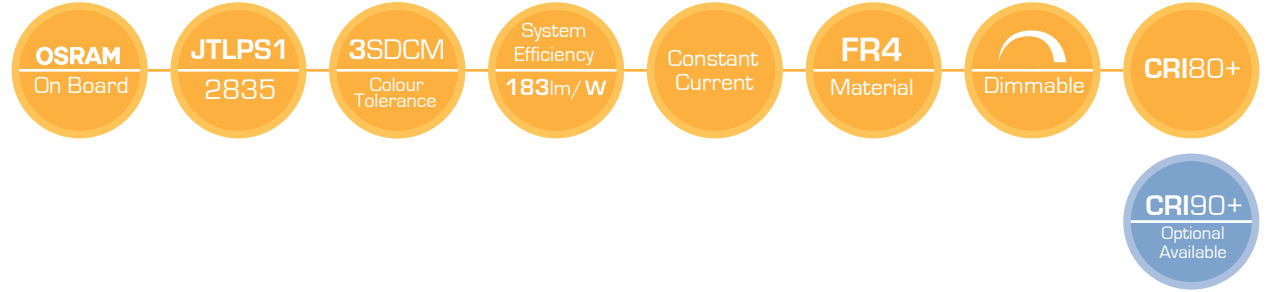


Technical Data

Beam Angle	120°
Ambient Temp. (Ta)	-30...+50°C
Tp rated	+65°C
Tc	+85°C
Eyesafety Report	EIC 62471
Life Test Report	EIS LM-80
LVD Test Report	EIC 62031
UL Compliant	E349212



Product Code	LED Quantity	V _f typ.	I _f	Consumption (W)	Color CCT (Kelvin)	Luminous Flux(lm) Tp:25°C	Bin (Rank) Code	Efficiency of the Module
ML18F990-01XQ112	112 LED	78.4 V	250mA	19.6 W	2700K	3310lm	KK	169lm/W
					3000K	3410lm	KL	174lm/W
					4000K	3590lm	KM	183lm/W
					6500K	3590lm	KM	183lm/W
		79.8 V	350mA	27.9 W	2700K	4490lm	KK	161lm/W
					3000K	4630lm	KL	166lm/W
					4000K	4880lm	KM	175lm/W
					6500K	4880lm	KM	175lm/W

* Production tolerance of luminous flux and efficiency: ±10%