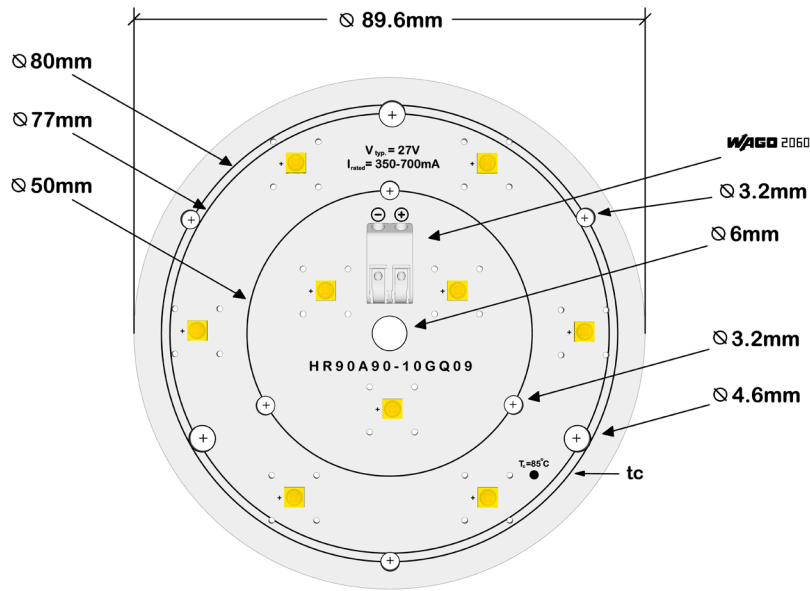
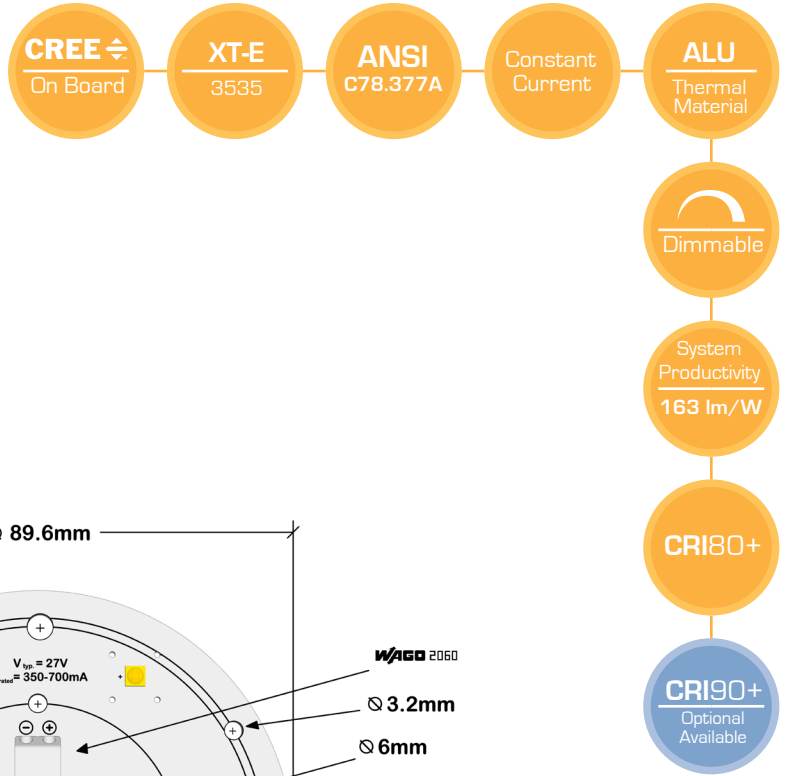


Technical Data

Beam Angle	115°
Ambient Temperature (Ta)	-30...+50°C
Tp Rated	+65°C
Tc	+85°C
Photobiological Test Report	EIC 62471
Life Test Report	EIS LM-80
LVD Test Report	EIC 62031
UL Compliant	E349212
Thermal Conductivity	1.0W/mk



Product Code	LED Quantity	Vf typ.	If typ.	Consumption (W)	Color CCT (Kelvin)	Luminous Flux(lm)	Bin Code	Productivity of the Module
HR90A90-10GQ09	9 LED	25.7V	350mA	9W	2700K	1280 lm	S20	142 lm/W
					3000K	1375 lm	S30	153 lm/W
					4000K	1465 lm	S40	163 lm/W
					6500K	1465 lm	S40	163 lm/W
		26.6V	500mA	13.3W	2700K	1755 lm	S20	132 lm/W
					3000K	1890 lm	S30	142 lm/W
					4000K	2020 lm	S40	152 lm/W
					6500K	2020 lm	S40	152 lm/W
		27.5V	700mA	19.3W	2700K	2355 lm	S20	122 lm/W
					3000K	2510 lm	S30	130 lm/W
					4000K	2700 lm	S40	140 lm/W
					6500K	2700 lm	S40	140 lm/W

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