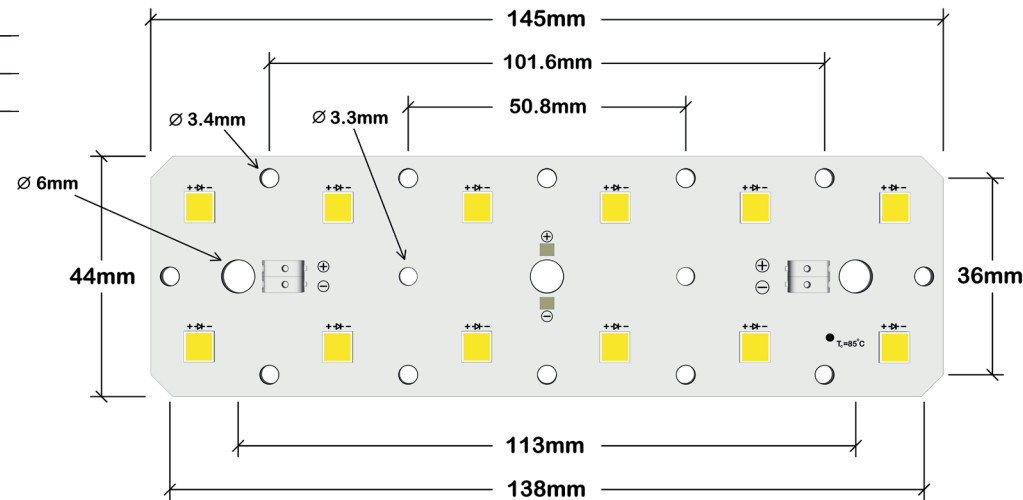


Technical Data

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
Thermal Conductivity	1.0W/mk



Product Code	LED Quantity	V _f typ.	I _f	Consumption (W)	Color CCT (Kelvin)	Luminous Flux(lm) T _p :25°C	Bin (Rank) Code	Efficiency of the Module
HS44A145-20KQ12	12 LED	35.3 V	700mA	24.7 W	3000K	4640lm	M4	188lm/W
					4000K	4940lm	M5	200lm/W
					6500K	4720lm	M5	191lm/W
		36.4 V	1050mA	38.2 W	3000K	6690lm	M4	175lm/W
					4000K	7070lm	M5	185lm/W
					6500K	6800lm	M5	178lm/W
		37.2 V	1300mA	48.4 W	3000K	8030lm	M4	166lm/W
					4000K	8520lm	M5	176lm/W
					6500K	8130lm	M5	168lm/W

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