

SPECIFICATION FOR APPROVAL

承 认 书

DESCRIPTION

品 名: high power led

SPECIFICATION

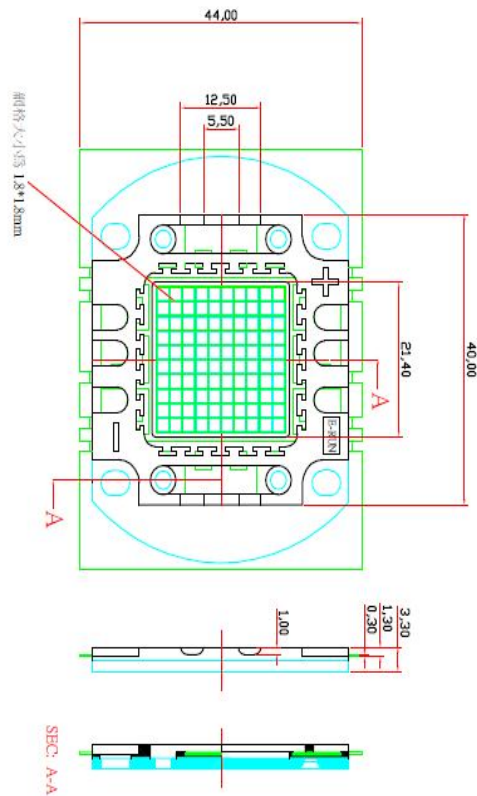
规 格: 100w RGB

PART NO.

本厂型号: HH-100WB3RGB1010-M



Package Dimensions:

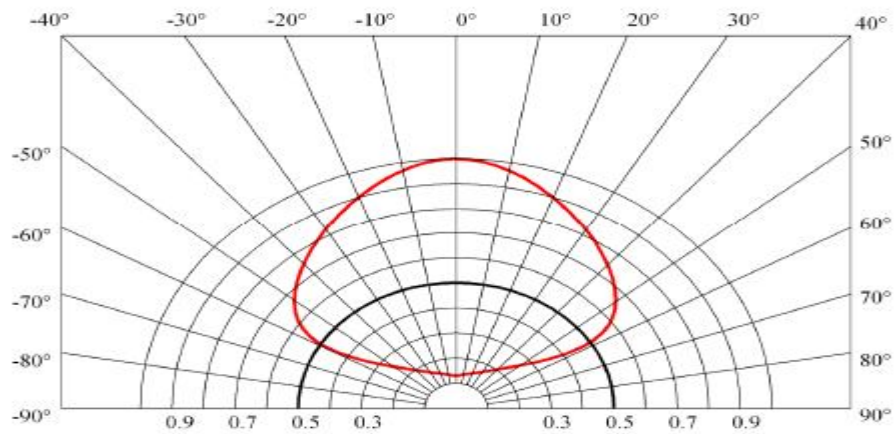


平面尺寸图Dimension (mm)

Notes

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25\text{mm}$ (0.010") unless otherwise noted.
3. Protruded resin under flange is 1.0mm (0.04") max.
4. Lead spacing is measured where the leads emerge from the package.
5. Specifications are subject to change without notice.

● Spatial Distribution



●Electrical / Optical Characteristics at TA=25℃

Parameter	Symbol	Min	Typ.	Max.	Unit	Test Condition
Luminous Intensity	ϕ	1050	1110	1140	Lm	R
Luminous Intensity	ϕ	1800	1950	2100	Lm	G
Luminous Intensity	ϕ	1040	1120	1160	Lm	B
Viewing Angle	2 θ 1/2	110	120	130	deg	IF =3150mA
Wavelength 波长	WD	620	623	625	nm	R
Wavelength 波长	WD	517	519	520	nm	G
Wavelength 波长	WD	467	469	470	nm	B
Forward Voltage	vF	22	23	24	v	R
Forward Voltage	vF	32	34	36	v	G
Forward Voltage	vF	32	34	36	v	B
Reverse Current	IR			10	uA	VR = 5V

●Absolute Maximum Ratings at TA=25℃

Parameter	Maximum Rating
Power Dissipation	100W
Peak Forward Current(1/10 Duty Cycle, 0.1ms Pulse Width)	7000mA
Continuous Forward Current	3500mA
Derating Linear From 30℃	0.07mA/℃
Reverse Voltage	5V
Operating Temperature Range	-20℃ to + 80℃
Storage Temperature Range	-30℃ to + 100℃
Lead Soldering Temperature [1.6mm(.063") From Body]	260℃ for 5 Seconds