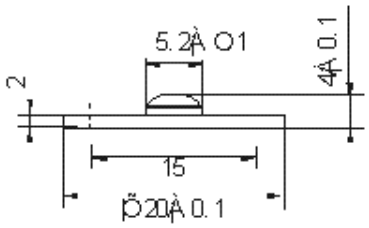
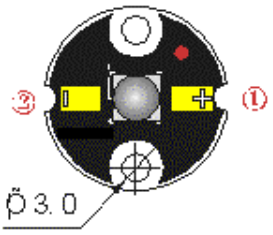
High Power LEDs





① Anode
② Cathode

Features:

- Transparant resin package
- Adopt excellent PCB to control the temperature rising.
- High brightness, long lifetime
- Wider range working currrent and low consumptin.
- Available in lighting, illumination and apparatus facilities etc.:

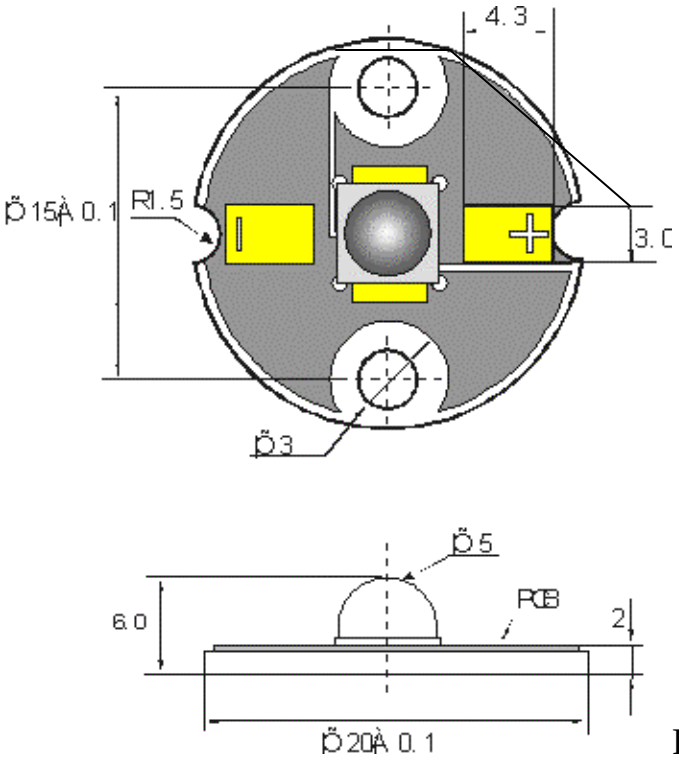
PACKAGE DIMENSIONS(UNIT: mm)

Electro-Optical Characteristics

Type No.	`Chip size	Lens Color	Emitted	Wave Length	Electro-Optical Characteristics					View Angle
				?p	P_d	V_F	I_R	I_F	Iv	
	(mil)			(nm)	mW	(V)	(μA)	(mA)	(mcd)	(2θ1/2)
HW-350-60	40 X 40	Water Clear	White	——	1000	<3.6	< 100	350	20000	60
HB-350-60	40 X 40	Water Clear	Blue	465-470	1000	<3.6	< 100	350	10000	60
HG-350-60	40 X 40	Water Clear	Green	520-525	1000	<3.6	< 100	350	22000	60
HR-350.60	40 X 40	Water Clear	Red	620-630	1000	2.4 – 2. 8	< 100	350	16000	60
HY-350-60	40 X 40	Water Clear	Yellow	580-590	1000	2.4 – 2.8	< 100	350	14000	60

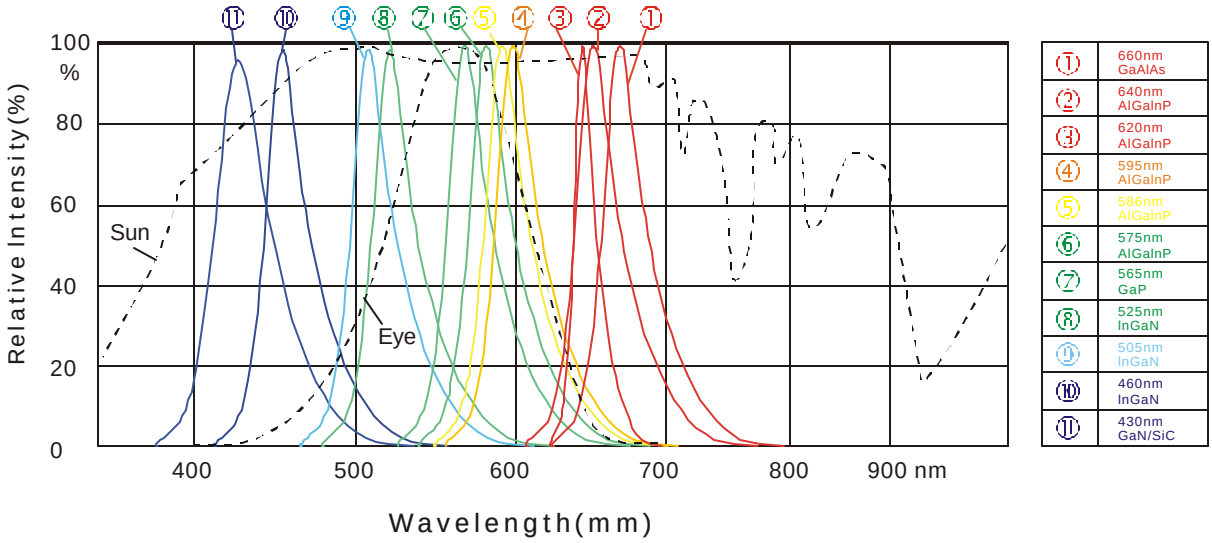
Absolute Maximum Ratings

Reverse Voltage	Power Dissipation	Operation Temperature	Soldering Temperature
V_{RM}	P_D	T_{OPR}	T_{SLD}
(V)	(m W)	(^{0}C)	(^{0}C)
< 5.0	1000	-40—+70	260(5S)



Package Dimensions

Optical characteristic curves cf RF series



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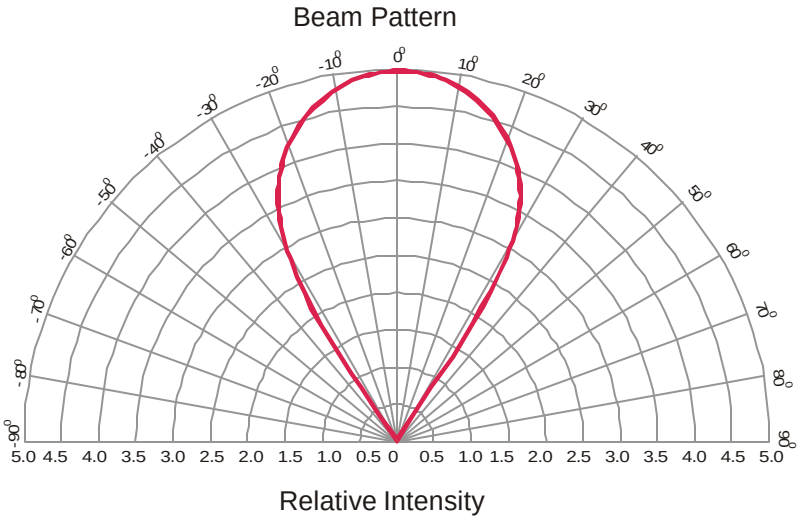
High Power LED typical viewing angle curve



High Power LED typical I_F—V_F curve