



深圳市亞磊科技有限公司

SHENZHEN YALEI TECHNOLOGY CO.,LTD

地址(Add): 广东省深圳市宝安区沙井镇黄埔社区东环路46号厂房1栋9楼
 电话(Tel): (86)755-29547103 33938753 传真(Fax): (86)755-33818280

YLW-G302L4B13-H

Descriptions:

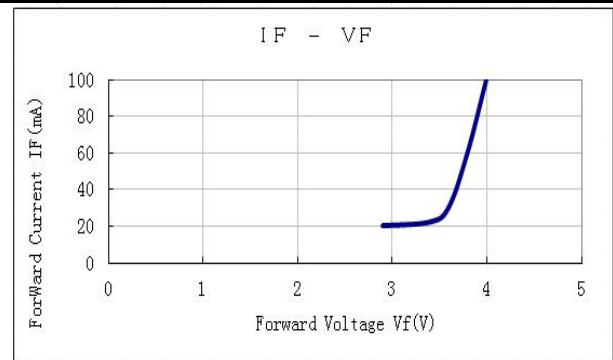
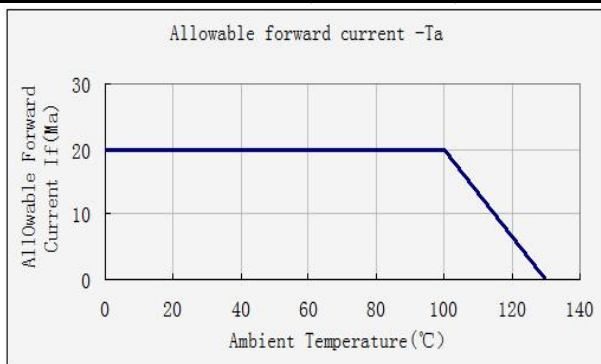
- ◇ $\varnothing 3.0\text{mm}$ standard type, Super Brightness LED
- ◇ Emitting Color: Blue
- ◇ Lens color: White Diffused

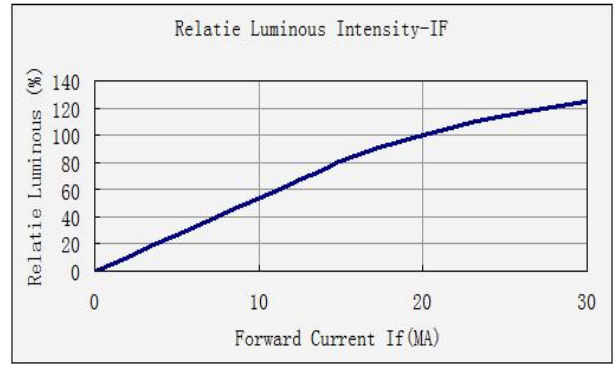
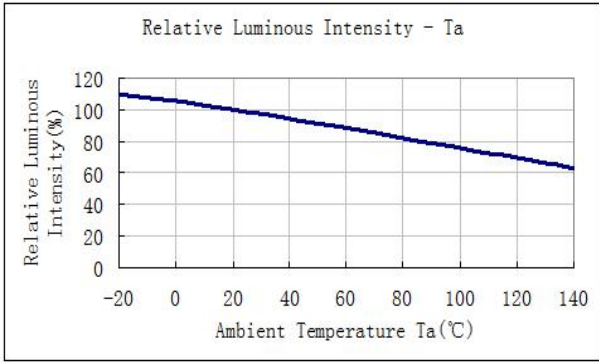
Absolute Maximum Ratings (TA=25°C)

Items	Symbol	Absolute Maximum Rating	Unit
Power Dissipation	PD	100	mW
Continuous Forward Current	IF	30	mA
Peak Forward Current	I _{FP}	100	mA
Derating linear from 50°C		0.4	mA/°C
Reverse Voltage	V _R	5	V
Operating Temperature Range	T _{OPR}	-40 ~ +80	°C
Storage Temperature Range	T _{stg}	-40 ~ +80	°C
Lead soldering temperature	T _{SOL}	Max. 260°C for 10 second Max.	

Electro-optical characteristics(TA=25°C)

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Reverse Current	IR			10.0	μA	V _R =5V
Forward Voltage	V _F	2.8	3.0	3.3	V	IF=20 mA
Luminous Intensity	I _V	100		500	mcd	IF=20 mA
Peak Wave Length	λ _d	463	465	470	nm	IF=20 mA
Dominant Wave Length	λ _D		467		nm	IF=20 mA
Spectral Line Half-Width	Δλ		30		nm	IF=20 mA
Half intensity angle	2θ ^{1/2}		65		deg	IF=20 mA





Application diagram and Dimensions

