



### (2) 原始光电参数 Initial Electrical/Optical Characteristics (TA=25°C)

符号 Symbol	项目 Item	单位 Units	最小值 Min.	规格值 Typ.	最大值 Max.	测试条件 Test Conditions
VF	正向电压 Forward Voltage	V	2.9	-	3.4	IF=20mA
IR	反向电流 Reverse Current	uA	-	-	10	VR=5V
$\Delta\lambda_{1/2}$	发光角度 Viewing Angle	°	-	120°	-	IF=20mA
Iv	发光强度 Luminous Intensity	Mcd	-	-	-	IF=20mA
$\lambda D$	主波长 Dominate Wavelength	nm	465	467.5	470	IF=20mA

### (3) 发光强度范围 Luminous Intensity Ranking (TA=25°C)

项目 Item	符号 Symbol	测试条件 Test Conditions	最小值 Min.	最大值 Max.	单位 Units	
发光强度 Luminous Intensity	Rank E	Iv	IF=20mA	60	90	Mcd
	Rank F	Iv	IF=20mA	90	120	Mcd
	Rank G	Iv	IF=20mA	120	150	Mcd
	Rank H	Iv	IF=20mA	150	180	Mcd

允许误差± 10%

Luminous Intensity Measurement allowance is ± 10%.

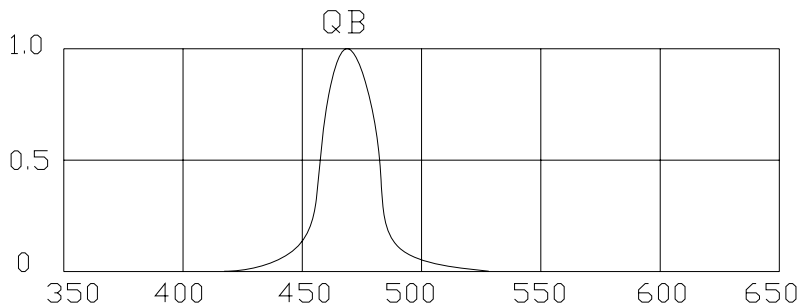
### (4) 颜色范围 Color Ranking (TA=25°C)

项目 Item	符号 Symbol	测试条件 Test Conditions	最小值 Min.	最大值 Max.	单位 Units	
主波长 Dominate Wavelength	Rank 2	$\lambda D$	IF=20mA	465	467.5	Nm
	Rank 3	$\lambda D$	IF=20mA	467.5	470	Nm

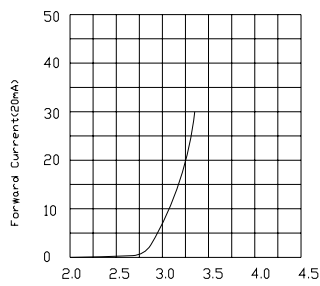
允许误差± 0.01

Color Coordinates Measurement allowance is ± 0.01.

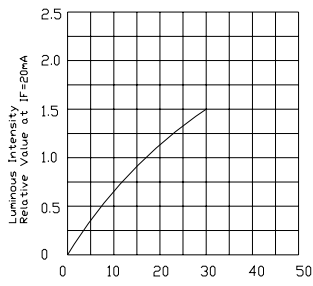
## 3.特性曲线 Characteristic curve



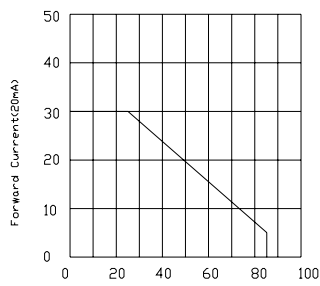
wavelength  $\lambda$  (nm)  
RELATIVE INTENSITY VS. WAVELENGTH  
相对亮度与波长关系曲线图



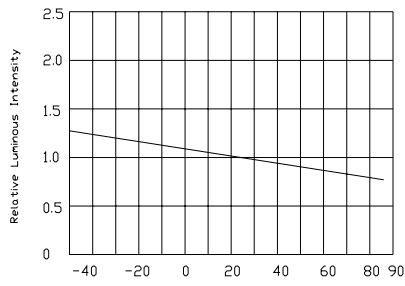
Forward Current(20mA)  
FORWARD CURRENT VS FORWARD VOLTAGE  
正向电流与正向电压关系曲线图



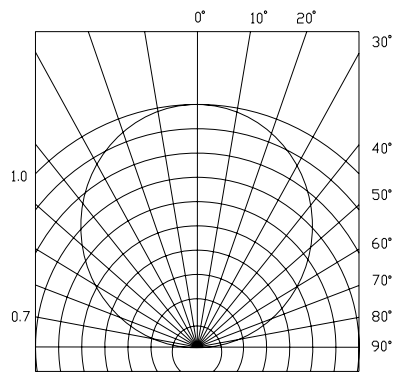
Luminous Intensity  
Relative Value at  $I_F=20mA$   
IF-forward Current(mA)  
LUMINOUS INTENSITY VS FORWARD CURRENT  
亮度与正向电流关系曲线图



Forward Current(20mA)  
Ambient Temperature  $T_A$  (°C)  
FORWARD CURRENT DERATING CURVE  
正向电与环境温度关系曲线图



Relative Luminous Intensity  
Ambient Temperature  $T_A$  (°C)  
LUMINOUS INTENSITY VS AMBIENT TEMPERATURE  
亮度与环境温度关系曲线图



SPATIAL DISTRIBUTION  
发光角度图解