Light color：Red、Green、Blue Color

Absolute maximum rating（Ta＝25℃）

- Reverse current：100 μA
- Peak current（duty＝0.1,1KHz）：100 mA
- Operating/Storage temperature range：-30℃~ +85℃
- Derating linear from 25℃ ：0.4 mA/℃
- Lead soldering temperature range：260℃ for 5 second

Electro-optical characteristics（TA＝25℃）

RED COLOR：

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	V_F	❖	2.00	2.25	V	IF＝20 mA
Luminous intensity	I_V		1200	❖	mcd	IF＝20 mA
Peak emission wavelength	λ p		620	630	nm	❖
Half intensity angle	△Θ	❖	20	❖	deg	❖

GREEN COLOR：

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	V_F	❖	3.2	3.5	V	IF＝20 mA
Luminous intensity	I_V		3500	4000	mcd	IF＝20 mA
Peak emission wavelength	λ p		515	520	nm	❖
Half intensity angle	△Θ	❖	20	❖	deg	❖

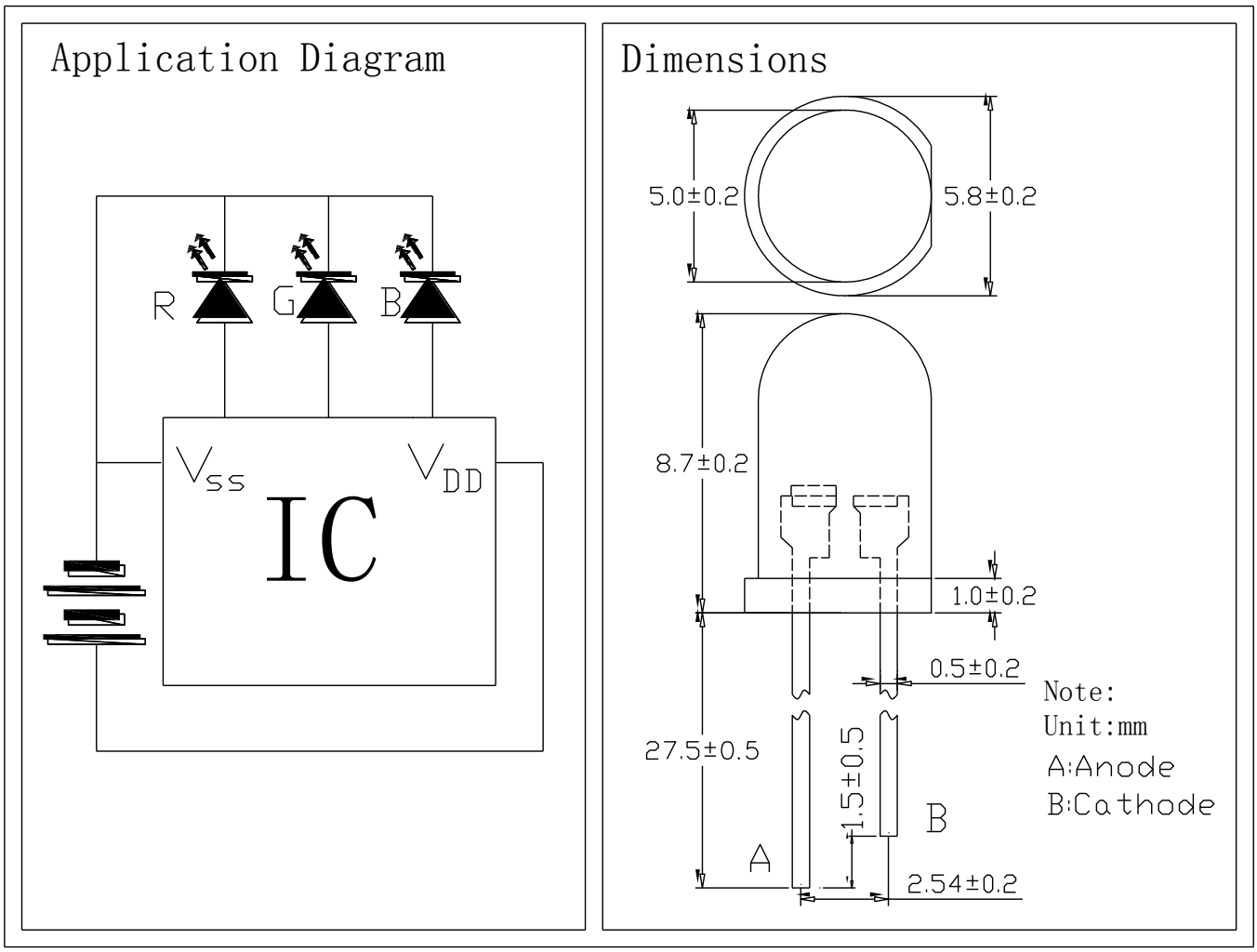
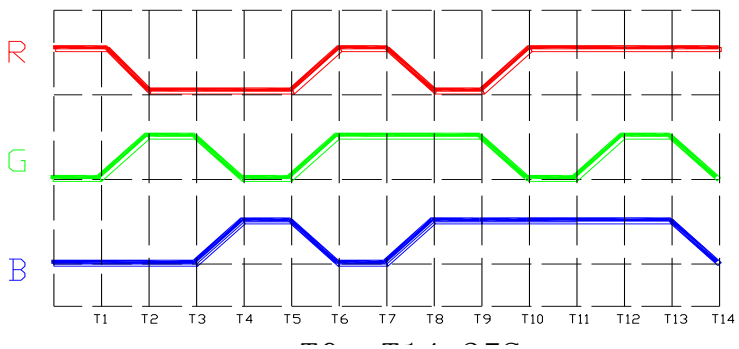
BLUE COLOR：

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	V_F	❖	3.2	3.5	V	IF＝20 mA
Luminous intensity	I_V		1200	1600	mcd	IF＝20 mA
Peak emission wavelength	λ p		465	470	nm	❖
Half intensity angle	△Θ	❖	20	❖	deg	❖

Direct Current Characteristics

Parameter	Symbol	Min	Typ.	Max	Unit	Remarks
Operating voltage	V_{DD}	2.5	3.5	4.5	V	❖
Driver Current	**Iol**		35		mA	@V_{DS}=**1.2V**
Power Consumption	**Po**		180		mW	V_{DD}=**4.5V**
Flash Frequency	**Ftet**			❖	Hz	External±30%

Application diagram or Dimensions



Flash Picture