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	1.9	2.00	2.25	V	IF＝20 mA
Luminous intensity	I_V	400	500	600	mcd	IF＝20 mA
Peak emission wavelength	λp	620	622	625	nm	❖
Half intensity angle	△Θ	❖	120	❖	deg	❖

GREEN COLOR：

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	V_F	3.0	3.1	3.2	V	IF＝20 mA
Luminous intensity	I_V	600	800	1000	mcd	IF＝20 mA
Peak emission wavelength	λp	520	521	522	nm	❖
Half intensity angle	△Θ	❖	120	❖	deg	❖

BLUE COLOR：

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	V_F	3.0	3.1	3.2	V	IF＝20 mA
Luminous intensity	I_V	600	700	800	mcd	IF＝20 mA
Peak emission wavelength	λp	465	466	467	nm	❖
Half intensity angle	△Θ	❖	120	❖	deg	❖

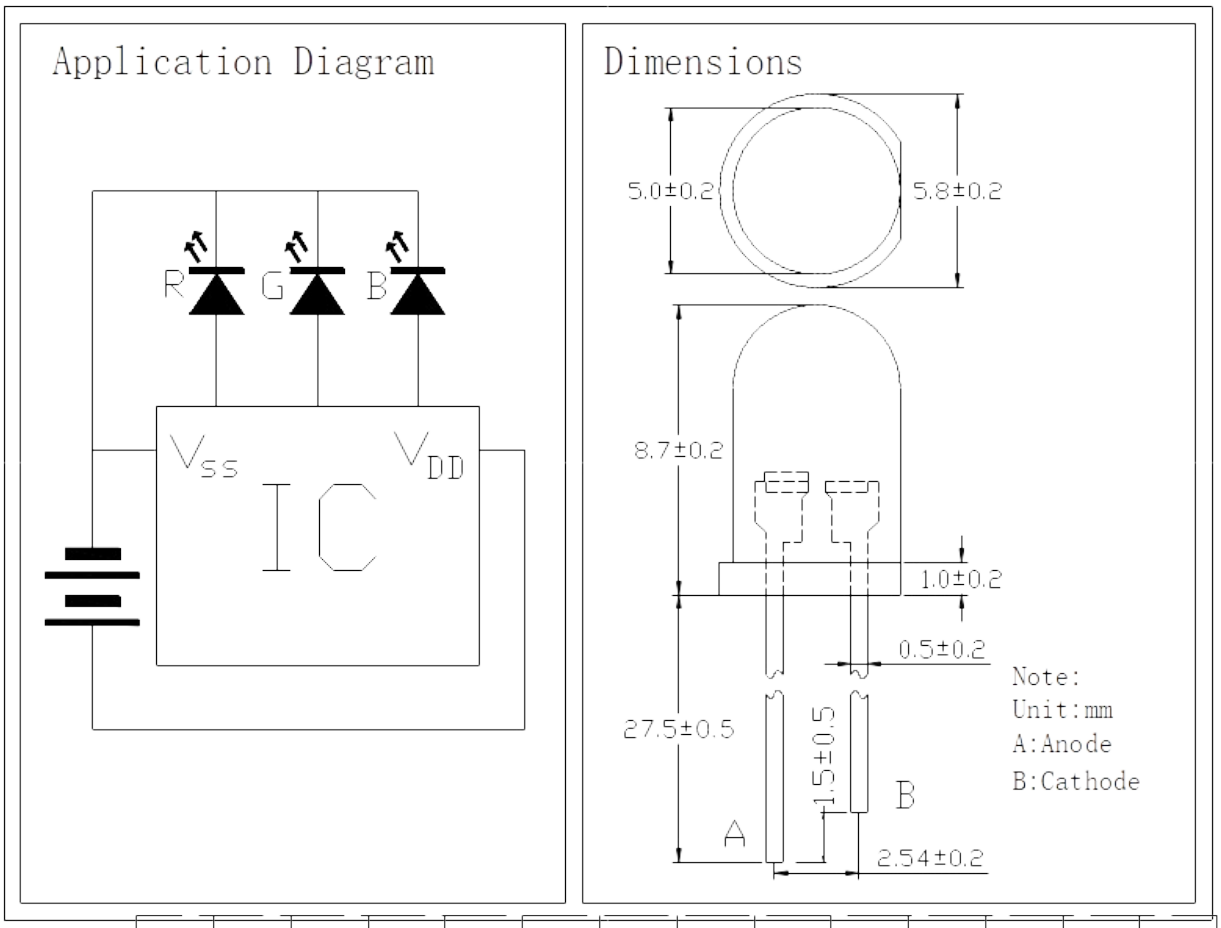
Direct Current Characteristics

Parameter	Symbol	Min	Typ.	Max	Unit	Remarks

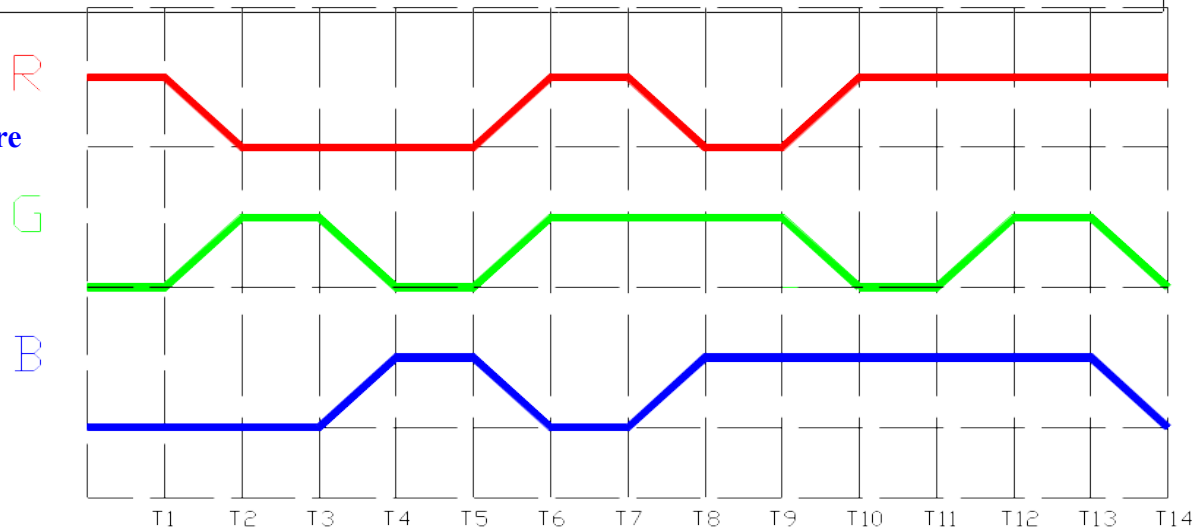
Operating voltage	**V_{DD}**	2.0	3.5	4.5	V	❖
Driver Current	**Iol**		20		mA	@V_{DS}=**1.2V**
Power Consumption	**Po**		180		mW	**V_{DD}=4.5V**
Flash Frequency	**Ftet**		0.2	❖	Hz	External±30%

*All specs and applications shown above subject to change without prior notice.

Application diagram or Dimensions



Flash Picture



*All specs and applications shown above subject to change without prior notice.