

Light color : Red、Green、 Blue Color

Absolute maximum rating (Ta = 25°C)

- Reverse current : 100 mA
- Peak current (duty = 0.1,1KHz): 100 mA
- Operating/Storage temperature range : -30°C~ +85°C
- Derating linear from 25°C : 0.4 mA/°C
- Lead soldering temperature range : 260°C for 3 second
- Colloid Color:White Diffused
- Life Test:20,000~50,000hours

Electro-optical characteristics (TA = 25°C)

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	❖	1000	2000	mcd	IF = 20 mA
Peak emission wavelength	λ_p	❖	620	630	nm	❖
Half intensity angle	$\Delta\Theta$	❖	❖	❖	deg	❖

GREEN COLOR :

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	V_F	❖	3.5	4	V	IF = 20 mA
Luminous intensity	I_V	❖	4000	5000	mcd	IF = 20 mA
Peak emission wavelength	λ_p	❖	515	525	nm	❖
Half intensity angle	$\Delta\Theta$	❖	❖	❖	deg	❖

BLUE COLOR :

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	V_F	❖	3.5	4	V	IF = 20 mA
Luminous intensity	I_V	❖	2000	3000	mcd	IF = 20 mA

Peak emission wavelength	λ_p	❖	460	470	nm	❖
Half intensity angle	$\Delta\Theta$	❖	❖	❖	deg	❖

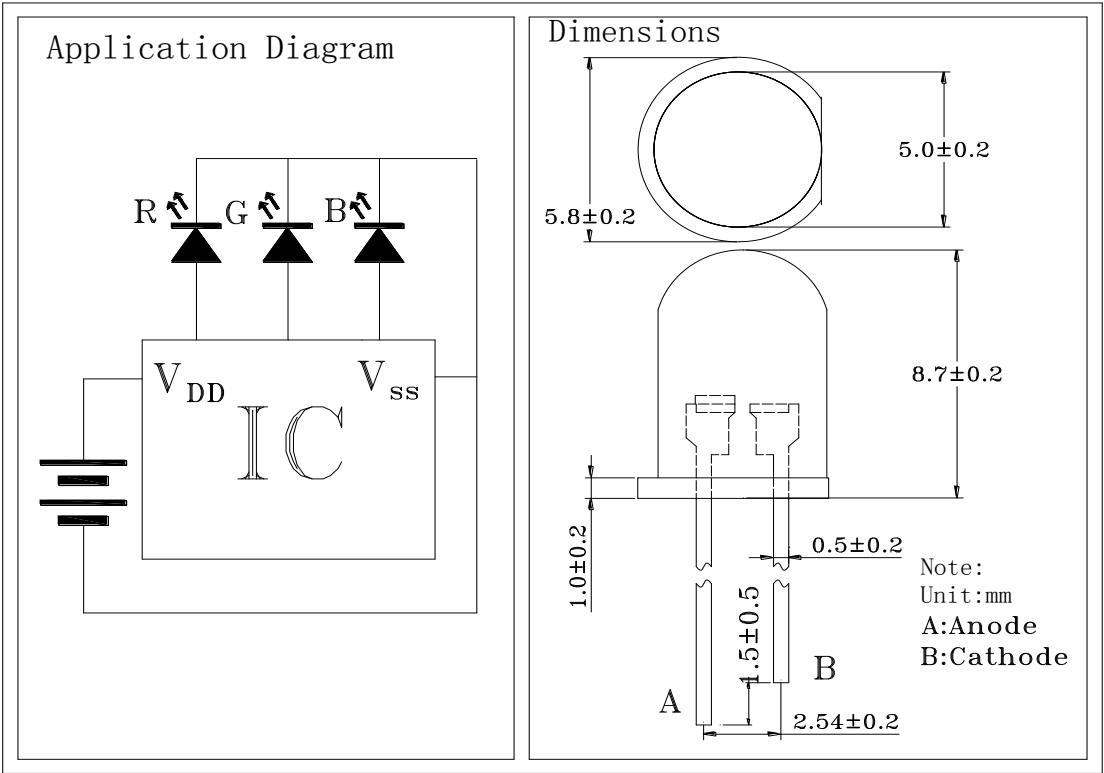
Direct Current Characteristics

Parameter	Symbol	Min	Typ.	Max	Unit	Remarks
Operating voltage	VDD	2.0	4.5	5.5	V	❖
Driver Current	Iol	❖	50	❖	mA	@VDS=1.2V
Power Consumption	Po	❖	225	❖	mW	VDD=4.5V
Flash Frequency	Ftet	❖	0.2	❖	Hz	External±30%

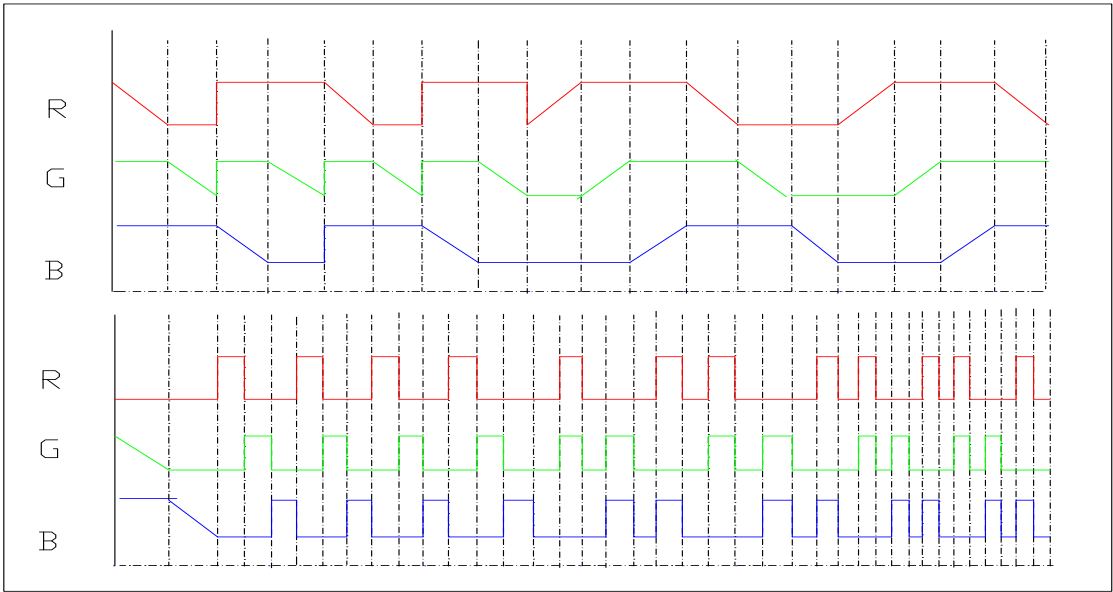
*All specs and applications shown above subject to change without prior notice.

(以上电路及规格仅供参考，本公司可进行修正)

Application diagram and Dimensions



Output Sketch Map



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