

Feature:

- Low power consumption
- Hight performance
- P/b free

Applications:

- Indicators
- Backlighting for electronic devices
- General use



Dice material	Emitted color	Lens Color
InGaN	White	Color Diffused

Absolute Maximum Ratings(Ta=25°C)

Parameter	Symbol	Maximum	Unit
Forward current	I _F	60	mA
Pulse forward current*	I _{FP}	100	mA
Reverse voltage	V _R	5	V
Power dissipation	P _D	192	mW
Operating temperature	T _{opr}	-40~+100	
Storage temperature	T _{stg}	-40~+110	

Electro-optical characteristics (Ta=25°C)

Item		Symbol	Condition	Min	Typ.	Max	Unit
Forward Voltage	G0	V _f	I _F =60mA	2.8		2.9	Volt
				2.9		3.0	
	G1			3.0		3.1	
	G2			3.1		3.2	
				3.2		3.3	
	3.3			3.4			
Luminous Intensity_Cool White	F1	Lm	I _F =60mA	22		23	Lm
	F2			23		24	
				24		25	
	25			26			
Luminous Intensity_Neutral White	F0	Lm	I _F =60mA	20		21	Lm
	F1			21		22	
				22		23	
	23			24			
Luminous Intensity_Warm White	F0	Lm	I _F =60mA	20		21	Lm
	F1			21		22	
				22		23	
	23			24			