

## I、 Introduction

1. No UV, IR or other deleterious radiation
2. Vivid emitting color
3. Low operating temperature
4. Energy saving and safety
5. Low electricity

## II、 Parameter

1. LED quantity: 18pcs
2. Total Power: 2W
3. LED Emitting Color: Cool White
4. Voltage: AC100-240V
5. Lifetime: >50, 000 hours



## III、 Electro - Optical

Parameter	Symbol	Min		Max	Unit
Brightness	Flux		110		lm
Color Temperature	CCT	6000		6500	K
Voltage	V / AC	100		240	V
Operation Temperature	To	-25	30	50	°C
Total Power	P		2		W
View Angle	2θ1/2		120		Deg.

## V、Reliability test

Serial No.	Test item	Stress condition	Sample size	Test point
1	Ambient Life Test	Ta=25°C Vin=12V AC	10	1000Hrs
2	High Temperature Humidity Life test	Ta=25°C , 85%RH, Vin=12V AC	10	1000Hrs
3	Temperature Cycle	Air to air -40°C--50°C, 30min dwell, <5min transfer	10	50 times
4	High Temperature Storage	Ta=50°C, Vin=12V AC	10	1000Hrs
5	Low Temperature Storage	Ta= -40°C, Vin=12V AC	10	1000Hrs
6	Average no malfunction time			
7	On-off impact test	Ta=25°C , Vin=12V AC on, off each 2"	10	3000 times

## V、Size

