

■ Features

- Super Bright
- Big Emitting Angle
- Long Life
- Quick Response
- Superior ESD Protection
- Superior UV Resistance

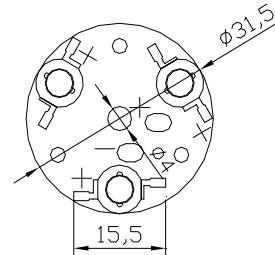
■ Applications

- Small Space Lighting
- Auto Lighting
- Light Source for Optical Fiber

■ Outline Size

Unit: mm

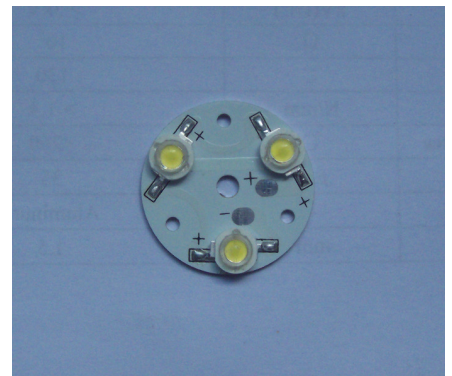
Tolerance: ±0.30mm



■ Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value	Unit
Operating Temperature	T _{ope}	-30 ~ +85	°C
Storage Temperature	T _{stg}	-40~ +100	°C
Input Voltage(DC)	V _i	12	V
Input Current(DC)	I _i	400	mA
Power Dissipation	P _a	4.8	W
Color Rendering Index	R _a	70~80	

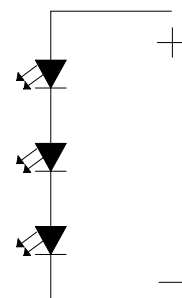
■ Picture



■ Electrical -Optical Characteristics (Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Unit
Input Voltage(DC)	V _i	-	9	10	V
Input Current(DC)	I _i	-	150	350	mA
Power Dissipation	P _a	-	1.35	3.5	W
Chromaticity Coordinates	x	I _f =350mA	-	0.31	
	y	I _f =350mA	-	0.33	
Whole Luminous Flux*	Φ _v	I _f =350mA	-	250	lm
Beam Pattern	BP	-	-	120	Deg
Net Weight	Wei	-	-	5	g

■ Circuit



*Tolerance of luminous intensity is ±15