

**Features**

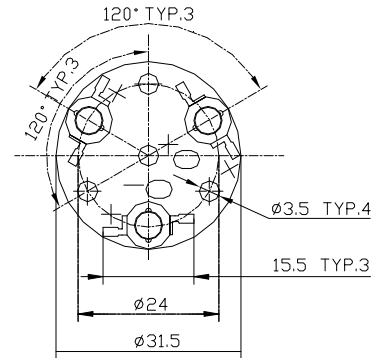
- High Power Output
- Big Emitting Angle
- Long Life
- Quick Response
- Superior ESD Protection
- Superior UV Resistance

**Applications**

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

**Outline Size**

Unit: mm  
Tolerance: ±0.30mm



**Absolute Maximum Rating**

(Ta=25°C)

**Picture**

Item	Symbol	Value	Unit
Operating Temperature	Tope	-30 ~ +85	°C
Storage Temperature	Tstg	-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	

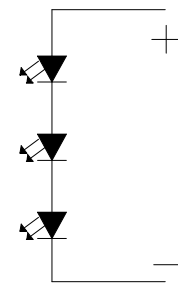


**Electrical -Optical Characteristics**

(Ta=25°C)

**Circuit**

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
Color Temperature	CCT	$I_f=350mA$	-	6500	K
Whole Luminous Flux*	$\Phi_v$	$I_f=350mA$	-	300	lm
Beam Pattern	BP	-	-	120	Deg
Net Weight	$W_{ei}$	-	-	5	g



\*Tolerance of luminous intensity is ±15

**AUTO LED Application Technologies**



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