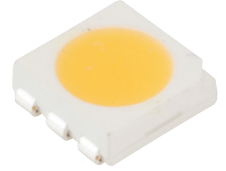


## Features:

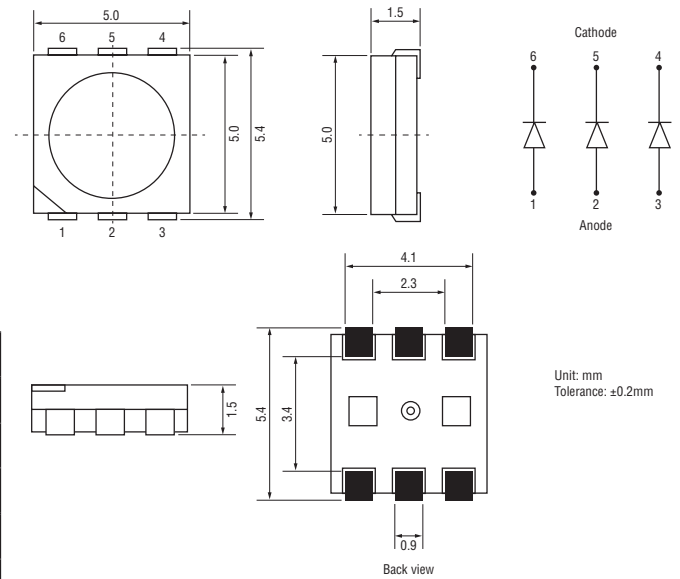
- High luminosity PLCC6 SMD LEDs
- 5.0 x 5.0 x 1.5mm standard directivity
- Superior weather-resistance
- UV Resistant silicone
- Yellow diffused type



## Applications

- Backlighting (switches, keys, displays, illuminated advertising etc.)
- Substitution of micro incandescent lamps
- Reading lamps/emergency lighting
- Market lights (e.g. steps, exit ways, etc.)
- Other lighting

## Outline dimensions:



## Absolute maximum rating (Ta=25°C)

Item	Symbol	Value	Unit
DC forward current	$I_F$	75	mA
Pulse forward current*	$I_{FP}$	100	mA
Reverse voltage	$V_R$	5	V
Power dissipation	$P_D$	270	mW
Operating temperature	$T_{opr}$	-30 to +85	°C
Storage temperature	$T_{stg}$	-40 to +100	°C
Lead soldering temperature	$T_{sol}$	260°C/5sec	-

\*Pulse width max. 10ms. Duty ratio max. 1/10

## Electrical - Optical characteristics (Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC forward voltage	$V_F$	$I_F = 60\text{mA}$	3.0	3.1	3.6	V
DC reverse current	$I_R$	$V_R = 5\text{V}$	-	-	10	μA
Colour rendering index	$R_a$	$I_F = 60\text{mA}$	93	94	-	
Luminous flux*	$\Phi_V$	$I_F = 60\text{mA}$	16.5	17.5	-	lm
Colour temperature	CCT	$I_F = 60\text{mA}$	-	6500	-	K
Chromaticity coordinates†	x	$I_F = 60\text{mA}$	-	0.315	-	
	y	$I_F = 60\text{mA}$	-	0.322	-	
50% Power angle	$2\theta_{1/2}$	$I_F = 60\text{mA}$	-	120	-	deg

\* Luminous intensity measurement allowance is ±15%  
† Chromaticity coordinates measurement allowance is ±10%

## Directivity:

