

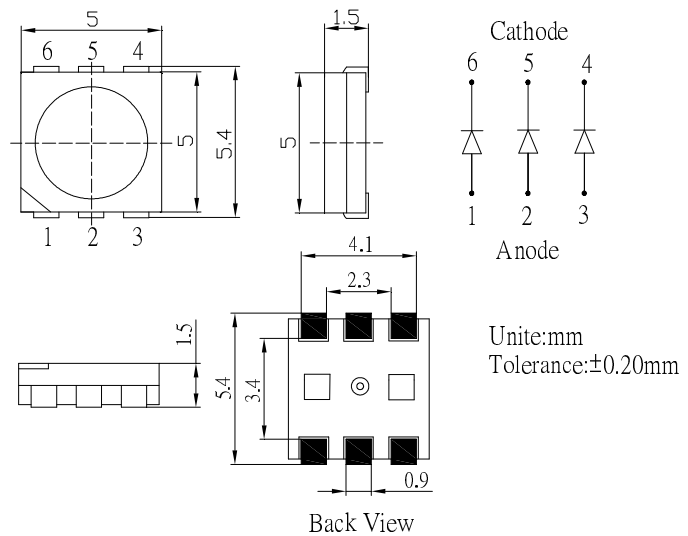
### ■ Features

- High Luminous PLCC6 Top SMD LEDs
- 5.0x5.0x1.5mm Standard Directivity
- Long lifetime Operation
- Superior Weather-resistance
- Yellow Diffused Type

### ■ Applications

- Backlighting (switches, keys, displays, illuminated advertising etc.)
- Substitution of Micro Incandescent Lamps
- Reading Lamps / Emergency Lighting
- Marker lights (e.g. steps, exit ways, etc.)
- Other Lighting

### ■ Outline Dimension



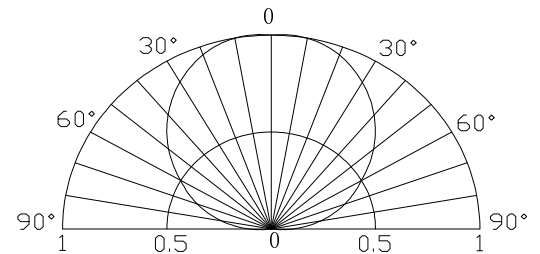
### ■ Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	$I_F$	80	mA
Pulse Forward Current*	$I_{FP}$	120	mA
Reverse Voltage	$V_R$	5	V
Power Dissipation	$P_D$	288	mW
Operating Temperature	$T_{opr}$	-30 ~ +85	°C
Storage Temperature	$T_{stg}$	-40 ~ +100	°C
Lead Soldering Temperature	$T_{sol}$	260°C/5sec	-

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

### ■ Directivity



### ■ Electrical -Optical Characteristics

(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	$V_F$	$I_F=60mA$	2.8	3.2	3.6	V
DC Reverse Current	$I_R$	$V_R=5V$	-	-	30	$\mu A$
Luminous Flux	$\Phi_v$	$I_F=60mA$	13.5	15	-	lm
Chromaticity Coordinate*	x	$I_F=60mA$	-	0.386	-	
	y	$I_F=60mA$	-	0.275	-	
50% Power Angle	$2\theta_{1/2}$	$I_F=60mA$	-	120	-	deg

\*1 Luminous Intensity Measurement allowance is  $\pm 15\%$

\*2 Chromaticity Coordinates Measurement allowance is  $\pm 10\%$

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Standard LEDs - SMD category](#):*

*Click to view products by [Optosupply manufacturer](#):*

Other Similar products are found below :

[LTST-C19GD2WT](#) [LTST-N683GBEW](#) [597-3006-607F](#) [597-3403-607F](#) [LTW-K140SZR40](#) [LTW-M140ZVS](#) [598-8110-100F](#) [598-8170-100F](#)  
[598-8610-202F](#) [7012X7](#) [AAAF5060QBFSEEZGS](#) [12-22SURSYGC/S530-A3/E2/TR8](#) [1383SURT/S530-A3/TR1\(R\)](#) [APT1608QGW](#)  
[EASV1803BA0](#) [HT-F104TW-5860](#) [SML310BATT86](#) [SML-512VWT86A](#) [SML-LX0606SISUGC/A](#) [SML-LXL1307SRC-TR](#) [SML-](#)  
[LXR851SIUPGUBC](#) [LT1ED53A](#) [17-21/G6C-FM1N2B/3T](#) [FAT801-S](#) [SSL-LXA227IC-TR31A](#) [AM27ZGC03](#) [APB3025SGNC](#)  
[APHK1608VGCA](#) [APT2012QGW](#) [CLMVC-FKA-CA1E1L81BB7C3C3](#) [CLYBA-FKA-CFHHL9BBB7A363](#) [CMD11504UR](#) [LTW-](#)  
[020ZDCG](#) [LTW-21TS5](#) [LTW-K140SZR30](#) [HSMY-C177](#) [HT-121UYG-4739](#) [UYGT801-S](#) [KVH1C100MF6R](#) [42-21SYGC/S530-E1/TR8](#)  
[YGFR411-H](#) [597-2311-402F](#) [5973212407NF](#) [597-3302-607F](#) [597-5202-407F](#) [598-8330-117F](#) [SAW8WA2A-L35M40-CA](#) [SML013WBDW1](#)  
[SML522BUWT86](#) [SML-LX0402IC-TR](#)