

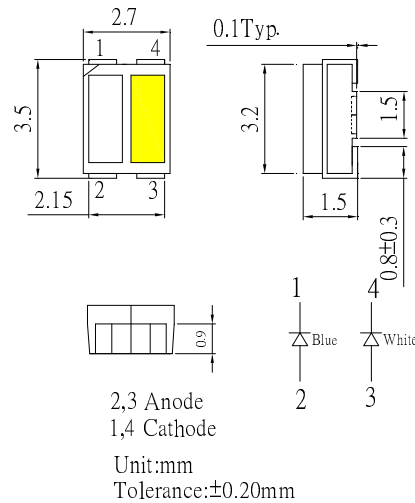
**■Features**

- High Luminous PLCC4 Top SMD LEDs
- 3.5x2.7x1.5mm Standard Directivity
- Superior Weather-resistance
- UV Resistant Silicone
- Water Clear / Yellow Diffused Type

**■Applications**

- Toys
- Audio
- Games
- Other Lighting

**■Outline Dimension**

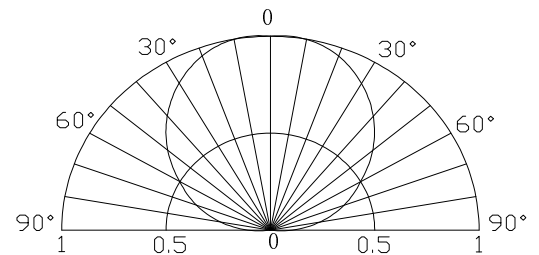


**■Absolute Maximum Rating**

(Ta=25°C)

Item	Symbol	Value		Unit
		Blue	White	
DC Forward Current	I <sub>F</sub>	30	30	mA
Pulse Forward Current*	I <sub>FP</sub>	100	100	mA
Reverse Voltage	V <sub>R</sub>	5	5	V
Power Dissipation	P <sub>D</sub>	108	108	mW
Operating Temperature	Topr	-30 ~ +85		°C
Storage Temperature	Tstg	-40~ +100		°C
Lead Soldering Temperature	Tsol	260°C/5sec		-

**■Directivity**



\*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 <sub>F</sub> (Blue)	I <sub>F</sub> =20mA	2.8	3.1	3.6	V
	V <sub>F</sub> (White)	I <sub>F</sub> =20mA	2.8	3.1	3.6	V
DC Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5V	-	-	10	μA
Domi. Wavelength*	λ <sub>D</sub> (Blue)	I <sub>F</sub> =20mA	465	470	475	nm
	CCT(White)	I <sub>F</sub> =20mA		10000		K
Luminous Intensity*	I <sub>v</sub> (Blue)	I <sub>F</sub> =20mA	220	330	-	mcd
	I <sub>v</sub> (White)	I <sub>F</sub> =20mA	1120	1560	-	mcd
50% Power Angle	2θ <sub>1/2</sub>	I <sub>F</sub> =20mA	-	120	-	deg

\*1 Tolerance of dominant wavelength is ±1nm

\*2 Tolerance of luminous intensity is ±15%

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [High Power LEDs - White category:](#)*

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

Other Similar products are found below :

[G42180-08](#) [B42180-08](#) [STW8Q2PA-R5-HA](#) [SZ5-M1-W0-00-V3/W2-AA](#) [LTPL-P00DWS57](#) [LZP-D0WW00-0000](#) [CLM-9-30-90-36-AC32-F4-3](#) [SZ5-M1-WW-C8-V1/V3-FA](#) [BXRC-27E2000-D-73](#) [BXRC-27G2000-D-73](#) [BXRC-30E1000-D-73](#) [BXRC-30G2000-D-73](#) [BXRC-40E1000-D-73](#) [BXRE-30G2000-B-73](#) [BXRE-30G2000-C-73](#) [BXRE-50C2001-C-74](#) [CXM-22-27-80-54-AC30-F4-3](#) [XHP50B-00-0000-0D0UH245G](#) [XHP50B-00-0000-0D0UH240G](#) [XHP50B-00-0000-0D0UG227H](#) [XHP50B-00-0000-0D0HJ245G](#) [MP-5050-8100-27-80](#) [MP-5050-6100-65-80](#) [MP-5050-6100-50-80](#) [MP-5050-6100-40-80](#) [MP-5050-6100-30-80](#) [CXM-22-30-80-54-AC30-F4-3](#) [LTW-2835SZK57](#) [BXEM-50C0000-0-000](#) [WW-WNA30TS-U1\(M1\)](#) [KW CSLPM2.CC-8L8M-4L8N](#) [KW CSLPM2.CC-8L8M-4O9Q](#) [KW DPLS32.SB-6H6J-E5P7-EG-Z264](#) [L1V1-507003V500000](#) [CXM-22-35-80-36-AC10-F3-3](#) [KW3 CGLNM1.TG-Z6QF6-EBVFFCBB46-DFGA](#) [JB5630AWT-H-H65EA0000-NZ000001](#) [XHP50B-00-0000-0D0UG430H](#) [CXM-22-35-90-54-AC40-F5-3](#) [CXM-22-35-80-54-AC40-F5-3](#) [OSM51206E1N-0.8T](#) [OSW43020C1C](#) [MP161611032290](#) [MP-1616-2103-50-90](#) [KW CULPM1.TG-Z6RF7-ebvFfcbB46-65G5](#) [KW DMLS33.SG-Z6M7-EBVFFCBB46-8E8G-700-S](#) [XPGDWT-B1-0000-00EEA](#) [XHP70B-00-0000-0D0BP450E](#) [KW DMLN33.SG-7J7K-EBVFFCBB46-8E8G-200-S](#) [ASMT-MW05-NMNS1](#)