

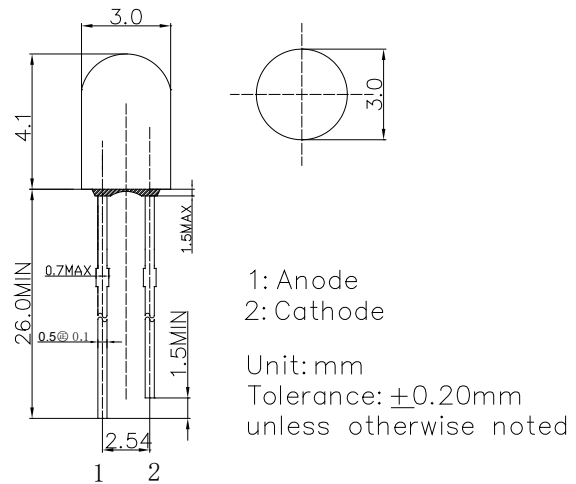
**■ Features**

- High Luminous LEDs
- 3mm Round Standard Directivity
- UV Resistant Epoxy
- Color Diffused / White Diffused (W,M only)

**■ Applications**

- Indication & Decoration
- Games & Toys
- Back Lighting

**■ Outline Dimension**

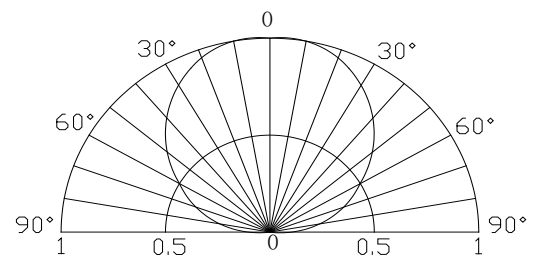


**■ Absolute Maximum Rating**

(Ta=25°C)

Item	Symbol	Value		Unit
		W/M/B/PG	YG/Y/O/R	
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>	102	78	mW
Operating Temperature	T <sub>opr</sub>	-30 ~ +85		°C
Storage Temperature	T <sub>stg</sub>	-40 ~ +100		°C
Lead Soldering Temperature	T <sub>sol</sub>	260°C/5sec		-

**■ Directivity**



#Pulse width Max.10ms Duty ratio max 1/10

**■ Electrical -Optical Characteristics**

(Ta=25°C)

Part Number	Color			V <sub>F</sub> (V)*			I <sub>R</sub> (μA)	I <sub>v</sub> (mcd)*			W <sub>d</sub> (nm)* / CCT*			2θ1/2(deg)
				Min.	Typ.	Max.		Max.	Min.	Typ.	Max.	Min.	Typ.	
							I <sub>F</sub> =20mA			V <sub>R</sub> =5V	I <sub>F</sub> =20mA			
OSW5YK37C2B	Cool White	W		-	2.9	3.4	10	500	750	-	CCT:8500-18000K			120
OSM5YK37C2B	Warm White	M	■	-	2.9	3.4	10	500	750	-	CCT:2700-3200K			120
OSB5YU37C4B	Blue	B	■	-	2.9	3.4	10	150	220	-	465	470	475	120
OSG5TA37C4B	Pure Green	PG	■	-	2.9	3.4	10	500	750	-	520	525	530	120
OSG8HA37C4B	Yellow Green	YG	■	-	2.1	2.6	10	68	100	-	565	570	575	120
OSY5JA37C4B	Yellow	Y	■	-	2.1	2.6	10	120	150	-	585	590	595	120
OSO5JA37C4B	Orange	O	■	-	2.1	2.6	10	120	150	-	600	605	610	120
OSR5JA37C4B	Red	R	■	-	2.1	2.6	10	120	150	-	620	625	630	120

\*1 Tolerance of measurements of chromaticity coordinate/CCT is ±10%

\*2 Tolerance of measurements of dominant wavelength is ±1nm

\*3 Tolerance of measurements of luminous intensity is ±15%

\*4 Tolerance of measurements of forward voltage is ±0.1V

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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

Other Similar products are found below :

[OECCDD01-300](#) [OEHW2030GF](#) [OEHW2045GF](#) [OEHW2060GF](#) [OEHW2090GF](#) [OKLEDT02406A](#) [OKLEDT3050G5V](#)  
[OKLEDT3050RBV](#) [OKLEDT3050RBW](#) [OKLEDT3050RPV](#) [OKLEDT3050RPW](#) [OKLEDT3050WAW](#) [OKLEDT30606A](#) [OKLEDT31005A](#)  
[OKLEDT3100B5](#) [OKLEDT3100G8](#) [OKLEDT3100M3](#) [OKLEDT3100M4](#) [OKLEDT3100R6](#) [OKLEDT3100W6](#) [OKLEDT3100WA](#)  
[OKLEDT3100Y5](#) [OKLEDT31203A](#) [OKLEDT31206A](#) [OKLEDT5050B5W](#) [OKLEDT5050G5W](#) [OKLEDT5050RBV](#) [OKLEDT5050RBW](#)  
[OKLEDT5050RPW](#) [OKLEDT5050TAV](#) [OKLEDT5050TAW](#) [OKLEDT5050W6P](#) [OKLEDT5050WAV](#) [OKLEDT5050WAW](#)  
[OKLEDT50606A](#) [OKLEDT50606B](#) [OKLEDT51005A](#) [OKLEDT5100B5](#) [OKLEDT5100G8](#) [OKLEDT5100M3](#) [OKLEDT5100M4](#)  
[OKLEDT5100R6](#) [OKLEDT5100W6](#) [OKLEDT5100WA](#) [OKLEDT5100Y5](#) [OKLEDT51203A](#) [OKLEDT51206A](#) [OKLEDT8050G5V](#)  
[OKLEDT8050G5W](#) [OKLEDT8050M3V](#)