

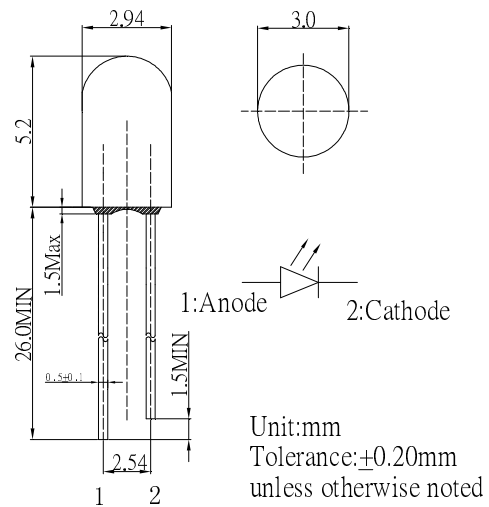
■ Features

- High Luminous LEDs
- 3mm Round Standard Directivity
- UV Resistant Epoxy
- Color Diffused / White Diffused

■ Applications

- Electronic Signs And Signals
- Small Area Illuminations
- Back Lighting
- Other Lighting

■ Outline Dimension



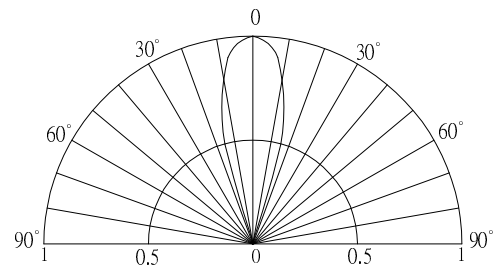
■ Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value		Unit
		W/M/PG/B	R/Y	
DC Forward Current	I _F	35	35	mA
Pulse Forward Current#	I _{FP}	100	100	mA
Reverse Voltage	V _R	5	5	V
Power Dissipation	P _D	126	91	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)

Part Number	Color			V _F (V)*			I _R (μA)	Φ v(Lm)*			Wd(nm)*			2θ1/2(deg)
				Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
				I _F =30mA			V _R =5V	I _F =30mA						
OSW44L3E32B	White	W		2.8	3.1	3.6	10	7	9	-	X:0.31,Y:0.33			30
OSM54L3E32B	Warm White	M		2.8	3.1	3.6	10	6	8	-	X:0.45,Y:0.41			30
OSB5DL3E34B	Blue	B		2.8	3.1	3.6	10	1.5	1.9	-	465	470	475	30
OSG5GL3E34B	Pure Green	PG		2.8	3.1	3.6	10	6	7.3	-	520	525	530	30
OSY6PA3E34B	Amber	Y		1.8	2.2	2.6	10	4	5	-	590	595	600	30
OSR5PA3E34B	Red	R		1.8	2.2	2.6	10	2	2.7	-	620	625	630	30

*1 Tolerance of measurements of chromaticity coordinate 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

LED & Application Technologies

