

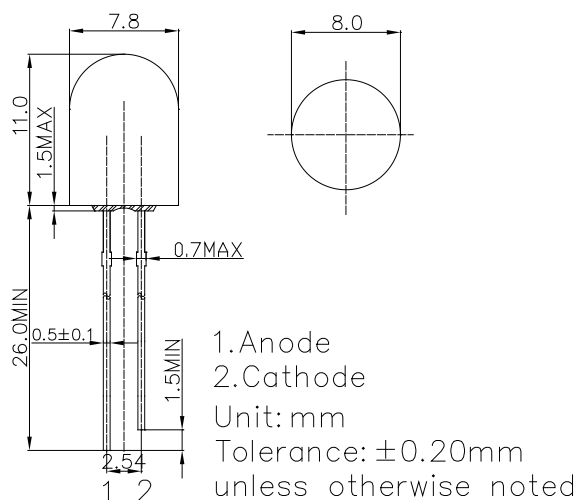
■Features

- High Luminous LEDs
- 8mm Round Standard Directivity
- UV Resistant Epoxy
- Color Diffused (White Diffused: W, M only)

■Applications

- General Purpose Indicators
- Decorations
- Toys & Games
- General Use

■Outline Dimension

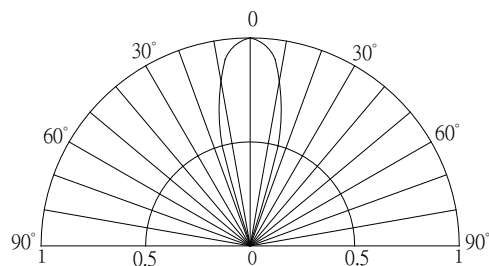


■Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value		Unit
		Y/O/R	W/M/B/PG	
DC Forward Current	I _F	30	30	mA
Pulse Forward Current#	I _{FP}	100	100	mA
Reverse Voltage	V _R	5	5	V
Power Dissipation	P _D	78	102	mW
Operating Temperature	T _{opr}	-30 ~ +85		°C
Storage Temperature	T _{stg}	-40 ~ +100		°C
Lead Soldering Temperature	T _{sol}	260°C/5sec		-

■Directivity



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

■Electrical -Optical Characteristics

(Ta=25°C)

Part Number	Color			V _F (V)*			I _R (μA)	I _v (mcd)*			W _d (nm)*			2θ1/2(deg)
				Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
				I _F =20mA			V _R =5V	I _F =20mA			I _F =20mA			
OSW5YK8B32B	Cool White	W		-	2.9	3.4	10	1120	1560	-	8500-18000K(X:0.27,Y:0.28)			30
OSM5YK8B32B	Warm White	M		-	2.9	3.4	10	750	1120	-	2700-3200K(X:0.45,Y:0.41)			30
OSB5YU8B34B	Blue	B		-	2.9	3.4	10	330	500	-	465	470	475	30
OSG5TA8B34B	Pure Green	PG		-	2.9	3.4	10	750	1120	-	520	525	530	30
OSY5JA8B34B	Yellow	Y		-	2.1	2.6	10	220	330	-	585	590	595	30
OSO5JA8B34B	Orange	O		-	2.1	2.6	10	220	330	-	600	605	610	30
OSR5JA8B34B	Red	R		-	2.1	2.6	10	220	330	-	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

