

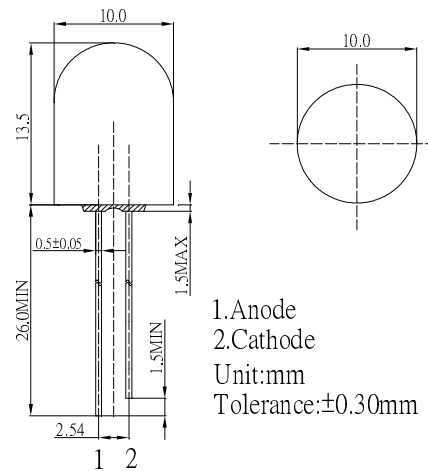
■ Features

- High Luminous LEDs
- 10mm Round Standard Directivity
- UV Resistant Epoxy
- Color Diffused (White Diffused for White LEDs)

■ Applications

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

■ Outline Dimension



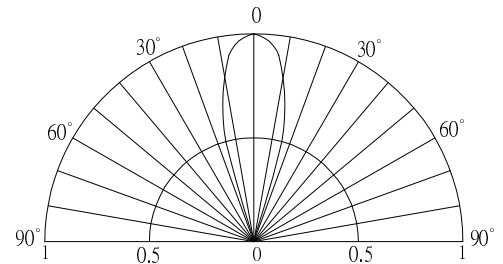
■ Absolute Maximum Rating

(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	108	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)	I _v (mcd)*			W _d (nm)*			2θ _{1/2} (deg)
				Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
				I _F =20mA			V _R =5V	I _F =20mA			I _F =20mA			
OSW5YKA132B	White	W		2.8	3.1	3.6	10	750	1120	-	X=0.27,Y=0.28			30
OSM5YKA132B	Warm White	M		2.8	3.1	3.6	10	500	750	-	X=0.45,Y=0.41			30
OSB5YUA134B	Blue	B		2.8	3.1	3.6	10	220	330	-	465	470	475	30
OSG5TAA134B	Pure Green	PG		2.8	3.1	3.6	10	500	750	-	520	525	530	30
OSY5JAA134B	Yellow	Y		1.8	2.1	2.6	10	220	330	-	585	590	595	30
OSO5JAA134B	Orange	O		1.8	2.1	2.6	10	220	330	-	600	605	610	30
OSR5JAA134B	Red	R		1.8	2.1	2.6	10	220	330	-	620	625	630	30

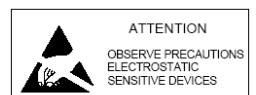
*1 Tolerance of measurements of chromaticity coordinate is +10%

*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



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