

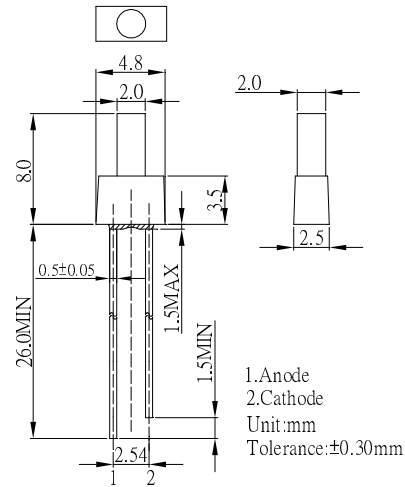
■Features

- Highest Luminous Flux
- 2mm Tower Standard Directivity
- Long Lifetime Operation
- Superior UV Resistance
- Water Clear Type

■Applications

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

■Outline Dimension



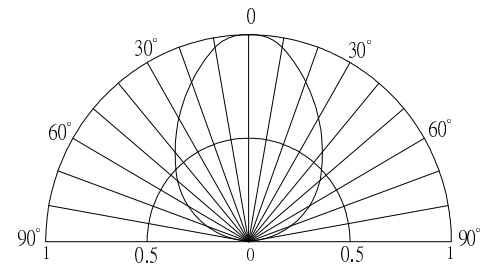
■Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I _F	25	mA
Pulse Forward Current*	I _{FP}	80	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	90	mW
Operating Temperature	Topr	-40 ~ +85	°C
Storage Temperature	Tstg	-40 ~ +85	°C
Lead Soldering Temperature	Tsol	260°C/5sec	-

*Pulse width Max 0.1ms, Duty ratio max 1/10

■Directivity



■Electrical -Optical Characteristics

(Ta=25°C)

Part Number	Color		V _F (V)			I _R (μA)	I _v (mcd)*			λ _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					
OSW5YK7K91B	White	W	2.8	3.1	3.6	10	1120	1560	-	CCT:8000-18000K			90
OSM5YK7K91B	Warm White	M	2.8	3.1	3.6	10	750	1120	-	CCT:2700-3200K			90

Note: *1. Dominant wavelength tolerance: ±1nm

*2. Tolerance of luminous intensity is ±15%