

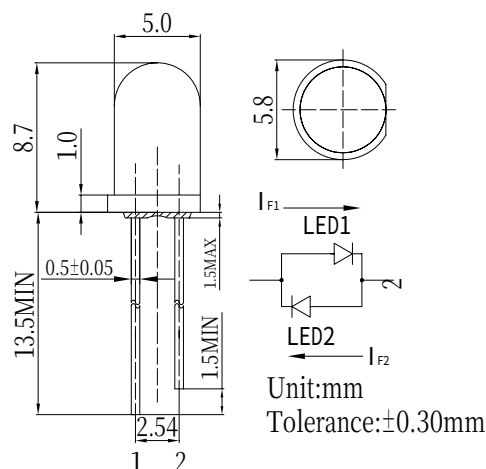
■Features

- High Luminous LEDs
- 5mm Straw Standard Directivity
- Long Lifetime Operation
- Superior Weather-resistance
- UV Resistant Epoxy/ Water Clear Type
- AC LED

■Applications

- Backlighting (illuminated advertising etc.)
- Substitution of Micro Incandescent Lamps
- Reading Lamps / Emergency Lighting
- Marker lights (e.g. steps, exit ways, etc.)
- Other Lighting

■Outline Dimension



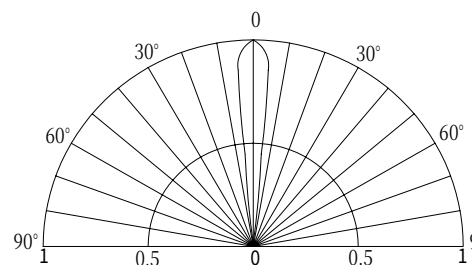
■Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value		Unit
		LED1	LED2	
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	108	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)

Item	NO.	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	LED1	V _{F1}	I _{F1} =20mA	2.9	3.1	3.6	V
	LED2	V _{F2}	I _{F2} =20mA	2.9	3.1	3.6	V
Chromaticity Coordinates*	LED	x	I _F =20mA	-	0.27	-	
		y	I _F =20mA	-	0.28	-	
Luminous Intensity *	LED1	I _{v1}	I _{F1} =20mA	-	10000	-	mcd
	LED2	I _{v2}	I _{F2} =20mA	-	10000	-	mcd
50% Power Angle	LED1	2θ _{1/2}	I _{F1} =20mA	-	15	-	deg
	LED2	2θ _{1/2}	I _{F2} =20mA	-	15	-	deg

*Tolerance of dominant chromaticity is ±10%

*2 Tolerance of luminous intensity is ±15%

LED & Application Technologies

