

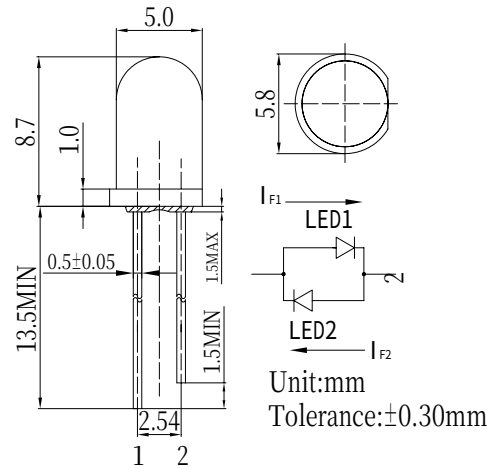
■Features

- 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



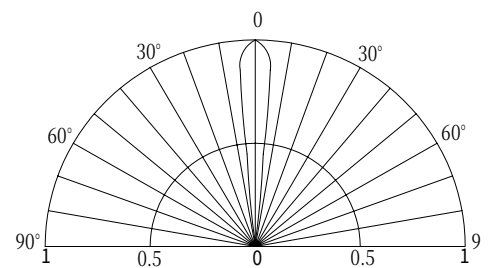
■Absolute Maximum Rating

(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	$2\theta_{1/2}$	$I_{F1}=20mA$	-	15	-	deg
	LED2	$2\theta_{1/2}$	$I_{F2}=20mA$	-	15	-	deg

*Tolerance of dominant chromaticity is ±10%

*2 Tolerance of luminous intensity is ±15%