

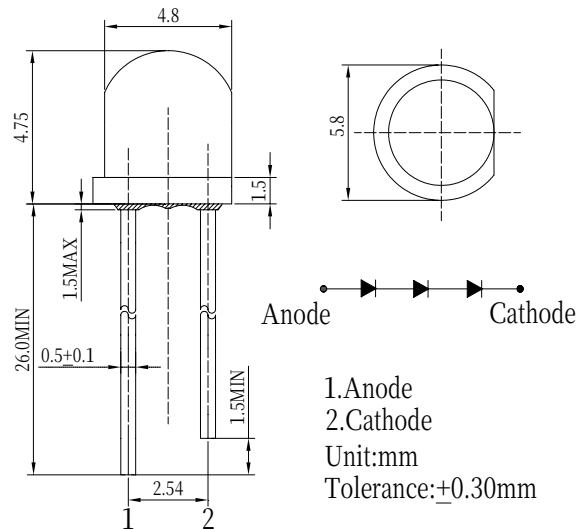
■Features

- High luminous Flux LEDs
- 4.8mm Straw Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Water Clear Type
- Superior Color Rendering Index

■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



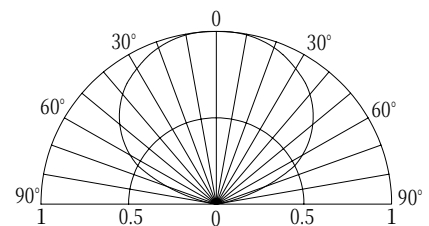
■Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I_F	25	mA
Pulse Forward Current*	I_{FP}	100	mA
Reverse Voltage	V_R	15	V
Power Dissipation	P_D	240	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	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V_F	$I_F=20mA$	7.6	8.5	9.6	V
DC Reverse Current	I_R	$V_R=15V$	-	-	10	μA
Luminous Flux*	Φ_v	$I_F=20mA$	-	16	-	lm
Luminous Intensity*	I_v	$I_F=20mA$	4200	5800	-	mcd
Color Rendering Index	Ra	$I_F=20mA$	90	-	-	
Color Temperature	CCT	$I_F=20mA$	-	6500	-	K
Chromaticity Coordinates*	x	$I_F=20mA$	-	0.32	-	
	y	$I_F=20mA$	-	0.31	-	
50% Power Angle	$2\theta_{1/2}$	$I_F=20mA$	-	130	-	deg

*1 Tolerance of chromaticity coordinates is $\pm 10\%$

*2 Tolerance of luminous flux and luminous intensity is $\pm 15\%$