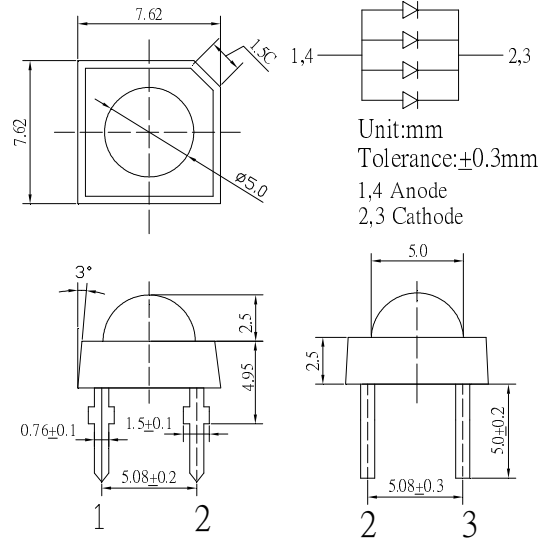


■Features

- High Luminous Super Flux Output
- 5 ° Standard Directivity
- Long Lifetime Operation
- Superior Weather-resistance
- UV Resistant Epoxy 并聯
- Water Clear Type

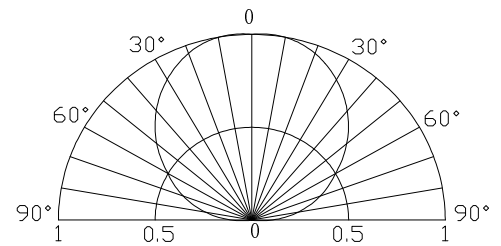
■Applications

- Automotive Dashboard Lighting
- Small Area Illuminations
- Back Lighting
- Other Lighting

■Outline Dimension

■Absolute Maximum Rating
(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I_F	100	mA
Pulse Forward Current*	I_{FP}	120	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	380	mW
Operating Temperature	T_{opr}	-30 ~ +85	°C
Storage Temperature	T_{stg}	-40 ~ +100	°C
Lead Soldering Temperature	T_{sol}	260°C/5sec	-

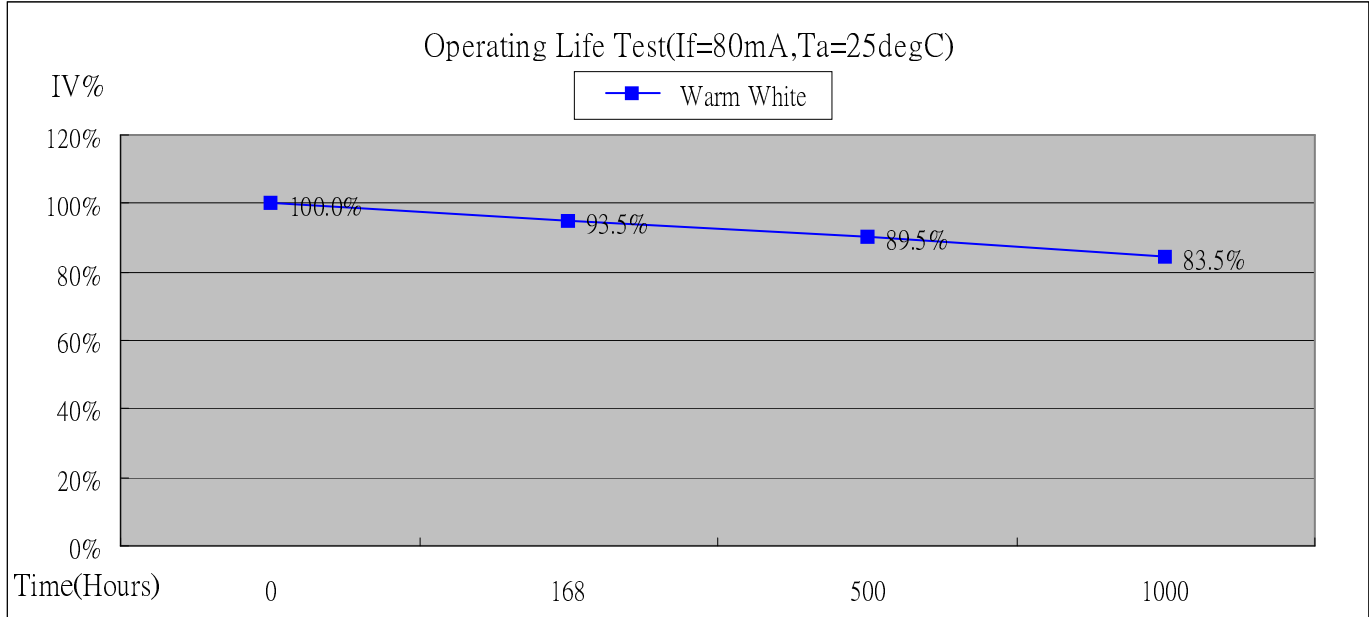
*Pulse width Max.10ms Duty ratio max 1/10

■Directivity

■Electrical -Optical Characteristics
(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V_F	$I_F=80mA$	2.9	3.2	3.8	V
DC Reverse Current	I_R	$V_R=5V$	-	-	40	μA
Luminous Intensity*	I_v	$I_F=80mA$	10000	12000	-	mcd
Chromaticity Coordinates*	x	$I_F=80mA$	-	0.45	-	
	y	$I_F=80mA$	-	0.41	-	
50% Power Angle	$2\theta_{1/2}$	$I_F=80mA$	-	120	-	deg

*1 Tolerance of chromaticity coordinates is ±10%

*2 Tolerance of luminous intensity is ±15%

OPERATION LIFE TEST LUMINANCE RATE CURVE


*Burn-in condition: 80mA

*Projection of Statistical Average Light Output Degradation Performance for LED Technology
Extrapolated from OptoSupply QA Dept. Test Data.

*According to OptoSupply outgoing Packaged Products Specification

*MTBF: 100,000hrs, 90% Confidence (A Failure is Any LED Which is Open, shorted or fails to Emit Light)

*The Projected Data is Base on The Feature of LED Itself Under Normal Operation Conditions.

*Any Improper Circuit Design or External Factors Might Cause a Different Result.