LED SPECIFICATION

LED-010-65063

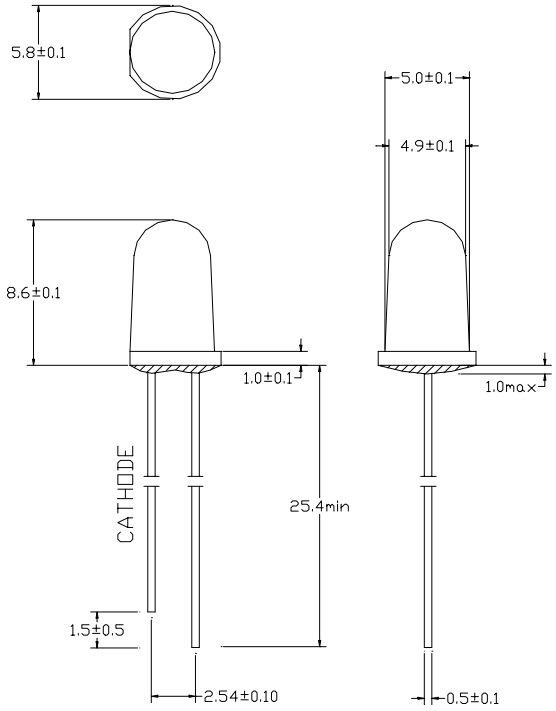


Features：

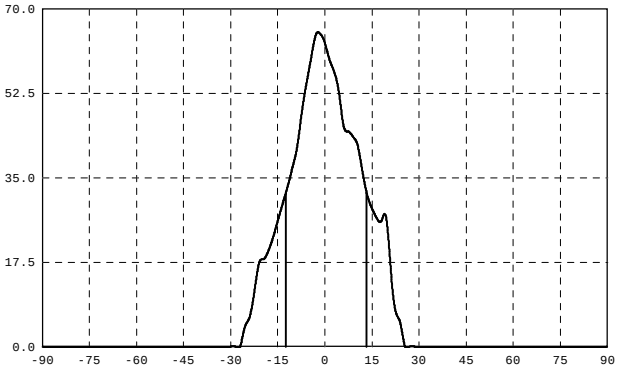
- Single color
- High Radiant Flux
- Low power consumption
- High reliability and long life

Descriptions：

- Dice material：INGaN
- Emitting Color：Ultraviolet
- Device Outline： Φ5mm Round Type
- Lens Type：Water Clear



Note：
- All dimensions are millimeters.
- Tolerance is +/-0.25mmunless otherivise noted



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Absolute maximum ratings（Ta = 25℃）

Parameter	Symbol	Test Condition	Value		Unit
			Min.	Max.	
Reverse Voltage	V_R	I_R = 30μA	5	--	V
Forward Current	I_F	----		30	mA
Power Dissipation	Pd	----	----	105	mW
Pulse Current	Ipeak	Duty=0.1mS，1kHz	----	100	mA
Operating Temperature	Topr	----	-20	+85	℃
Storage Temperature	Tstr	----	-25	+100	℃

Electrical and optical characteristics （Ta = 25℃）

Parameter	Symbol	Test Condition	Value			Unit
			Min.	Typ.	Max.	
Forward Voltage	V_F	I_F = 20mA	3.0	3.7	4.0	V
Reverse Current	I_R	V_R = 5V	----	----	30	μA
Dominate Wavelength	λ_d	I_F = 20mA	400	---	405	nm
Spectral Line half-width	$\Delta\lambda$	I_F = 20mA	----	25	----	nm
Radiant Flux	I_V	I_F = 20mA	----	12	----	mW
Viewing Angle	$2\theta_{1/2}$	I_F = 20mA	28		35	Deg.

Typical electrical/optical characteristic curves：

