

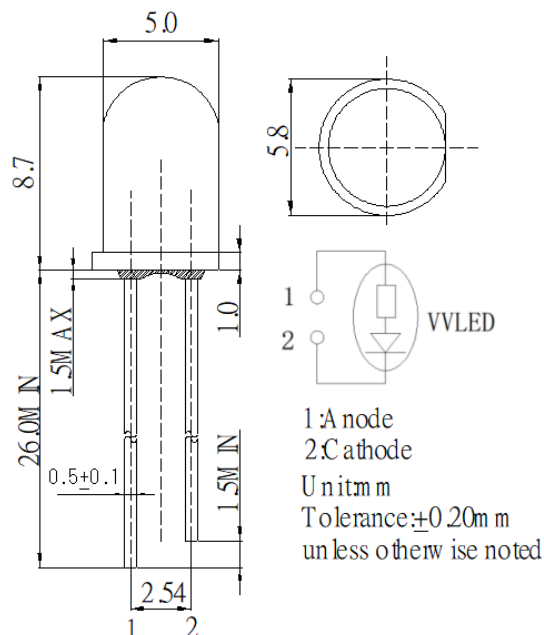
■ Features

- High Radiant Flux LEDs
- 5mm Round Standard Directivity
- UV Resistant Epoxy
- Variable Voltage LED (3-13V)
- Cost Effective (Saves Space and Resistor Cost)
- Water Clear Type

■ Applications

- Status Indicators
- Other Lighting

■ Outline Dimension

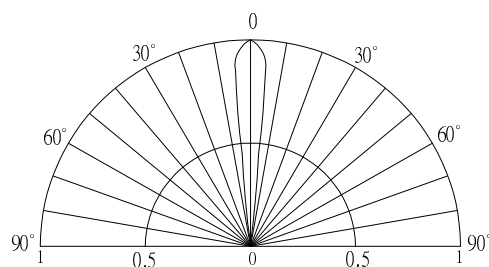


■ Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Voltage	V _F	16	V
Reverse Voltage	V _R	12	V
Power Dissipation	P _D	208	mW
Operating Temperature	T _{opr}	-30 ~ +85	°C
Storage Temperature	T _{stg}	-30 ~ +85	°C
Lead Soldering Temperature	T _{sol}	260°C/5sec	-

■ Directivity



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

Part Number	Visual Color	I _F (mA)			Radiant flux*(mW)			WP*(nm)			2θ1/2(deg)
		Min	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
		V _F =9V			V _F =9V						
OSV1YL5111A-VVLED	White	-	7.5	13	1	2	-	360	365	370	15
OSV2YL5111A-VVLED	White	-	7.5	13	1.5	3	-	370	375	380	15
OSV3SL5111A-VVLED	Purple	-	7.5	13	3	4	-	380	385	390	15
OSV4DL5111A-VVLED	Purple	-	7.5	13	5	7	-	390	395	400	15
OSV5DL5111A-VVLED	Purple	-	7.5	13	5	7	-	400	405	410	15

*1 Tolerance of measurements of Peak wavelength is ± 1 nm

*2 Tolerance of measurements of Radiant flux is $\pm 15\%$

*3 Tolerance of measurements of Forward voltage is ± 0.1 V

LED & Application Technologies



REACH
The new EU chemicals legislation

ATTENTION
OBSERVE PRECAUTIONS
ELECTROSTATIC
SENSITIVE DEVICES

InGaN and Si Resistor LED

TYPICAL ELECTRICAL/OPTICAL CHARACTERISTIC CURVES

