

①9 高輝度 LED(フルカラー・5mm・4本足タイプ・光拡散)  
LK-5FUL-WD

5mm Red & Blue & Pure Green LED

OSTA5132A-C

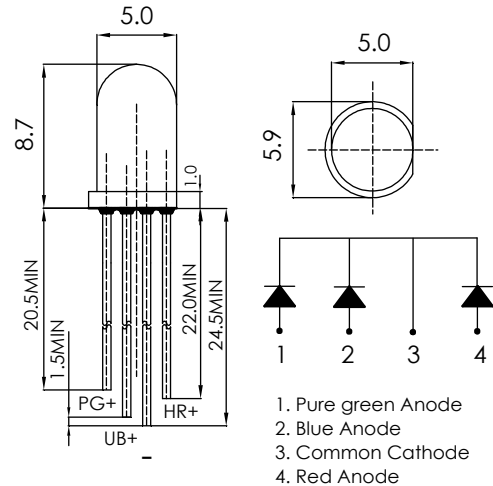
### ■ Features

- High Luminous Output
- 5mm Standard Directivity
- Superior Weather-resistance
- White Dffuse Type
- Common Cathode Type

### ■ Applications

- Toys
- Games
- Audio

### ■ Outline Dimension



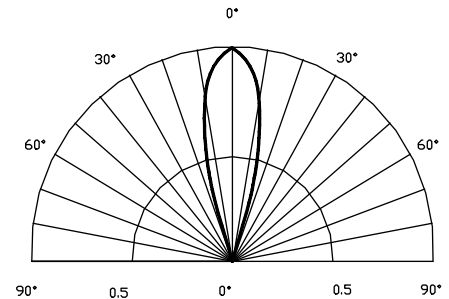
Unit : mm  
Tolerance : ±0.3mm

### ■ Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I <sub>F</sub>	30	mA
Pulse Foward Current *	I <sub>FP</sub>	100	mA
Reverse Voltage	V <sub>R</sub>	5	V
Power Dissipation	P <sub>D</sub>	120	mW
Operating Temperature	T <sub>opr</sub>	-30~+80	°C
Storage Temperature	T <sub>stg</sub>	-30~+100	°C
Lead Soldering Temperature	T <sub>sol</sub>	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 <sub>F</sub> (R)	I <sub>F</sub> =20mA	1.8	2.0	2.4	V
	V <sub>F</sub> (B/G)	I <sub>F</sub> =20mA	2.8	3.3	3.8	V
DC Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5V	-	-	10	μA
Domi. Wavelength	λ <sub>D</sub> (Red)	I <sub>F</sub> =20mA	620	625	630	nm
	λ <sub>D</sub> (Green)	I <sub>F</sub> =20mA	520	525	530	nm
	λ <sub>D</sub> (Blue)	I <sub>F</sub> =20mA	465	470	475	nm
Luminous Intensity	I <sub>v</sub> (Red)	I <sub>F</sub> =20mA		350		mcd
	I <sub>v</sub> (Green)	I <sub>F</sub> =20mA		600		mcd
	I <sub>v</sub> (Blue)	I <sub>F</sub> =20mA		450		mcd
50% Power Angle	2θ <sub>1/2</sub>	I <sub>F</sub> =20mA	-	-	-	deg