

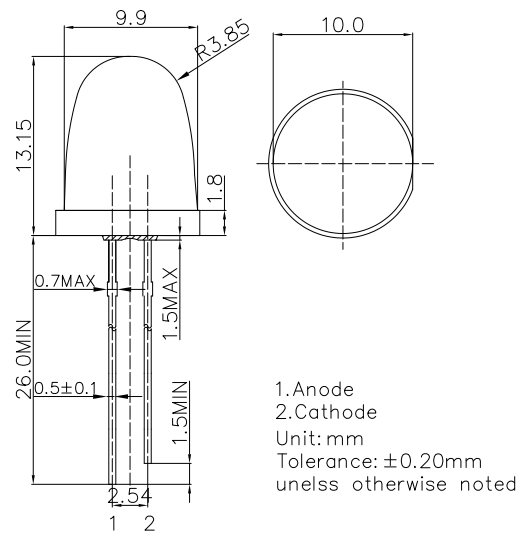
■ **Features**

- High Lumen LEDs
- 10mm Bullet Standard Directivity
- UV Resistant Epoxy
- Water Clear Type

■ **Applications**

- Advertising Board
- Horticulture Application
- Beauty Product

■ **Outline Dimension**

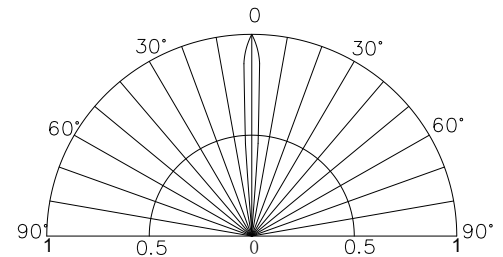


■ **Absolute Maximum Rating**

(Ta=25°C)

Item	Symbol	Value		Unit
		W/B/PG	Y/O/R	
DC Forward Current	I _F	30	30	mA
Pulse Forward Current#	I _{FP}	100	100	mA
Reverse Voltage	V _R	5	5	V
Power Dissipation	P _D	102	78	mW
Operating Temperature	T _{opr}	-30 ~ +85		°C
Storage Temperature	T _{stg}	-40 ~ +100		°C
Lead Soldering Temperature	T _{sol}	260°C/5sec		-

■ **Directivity**



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

■ **Electrical -Optical Characteristics**

(Ta=25°C)

Part Number	Emitting Color			V _F (V)*			I _R (μA)	Φ _v (LM)*			I _v (mcd)*			Wd(nm)*/CCT(K)*			2θ1/2(deg)		
				Min.	Typ.	Max.		Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.		Max.	Typ.
				I _F =30mA				V _R =5V	I _F =30mA										
OSW44PA201A	Pure White	W		-	2.9	3.4	10	8.5	10	-	100000	120000	-	5500-8500K(X:0.31,Y:0.33)			8		
OSM54PA201A	Warm White	M	■	-	2.9	3.4	10	8.5	10	-	100000	120000	-	2700-3200K(X:0.44,Y:0.41)			8		
OSB56PA201A	Blue	B	■	-	2.9	3.4	10	2.5	3.0	-	43000	50000	-	465	470	475	8		
OSG5GPA201A	Pure Green	PG	■	-	2.9	3.4	10	9	10	-	120000	140000	-	520	525	530	8		
OS5YKPA201A	Yellow	Y	■	-	2.1	2.6	10	3.5	4.5	-	85000	100000	-	585	590	595	8		
OS5OKPA201A	Orange	O	■	-	2.1	2.6	10	3.5	4.5	-	85000	100000	-	600	605	610	8		
OS5RKPA201A	Red	R	■	-	2.1	2.6	10	3.5	4.5	-	85000	100000	-	620	625	630	8		

*1 Tolerance of measurements of chromaticity coordinate is ±10%

*2 Tolerance of measurements of dominant wavelength is ±1nm

*3 Tolerance of measurements of luminous flux is ±15%

*4 Tolerance of measurements of forward voltage is ±0.1V

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Optosupply](#) manufacturer:

Other Similar products are found below :

[OECCDD01-300](#) [OEHW2030GF](#) [OEHW2045GF](#) [OEHW2060GF](#) [OEHW2090GF](#) [OKLEDT3050G5V](#) [OKLEDT3050RBV](#)
[OKLEDT3050RBW](#) [OKLEDT3050RPV](#) [OKLEDT3050RPW](#) [OKLEDT3050WAW](#) [OKLEDT30606A](#) [OKLEDT3100B5](#) [OKLEDT3100G8](#)
[OKLEDT3100M3](#) [OKLEDT3100M4](#) [OKLEDT3100R6](#) [OKLEDT3100W6](#) [OKLEDT3100Y5](#) [OKLEDT31203A](#) [OKLEDT31206A](#)
[OKLEDT5050B5W](#) [OKLEDT5050G5W](#) [OKLEDT5050RBV](#) [OKLEDT5050RBW](#) [OKLEDT5050RPW](#) [OKLEDT5050TAW](#)
[OKLEDT5050WAV](#) [OKLEDT50606A](#) [OKLEDT50606B](#) [OKLEDT5100B5](#) [OKLEDT5100G8](#) [OKLEDT5100M3](#) [OKLEDT5100R6](#)
[OKLEDT5100W6](#) [OKLEDT5100WA](#) [OKLEDT5100Y5](#) [OKLEDT51203A](#) [OKLEDT8050G5V](#) [OKLEDT8050G5W](#) [OKLEDT8050M3V](#)
[OKLEDT8050R5V](#) [OKLEDT8050RBV](#) [OKLEDT8050RPW](#) [OKLEDT8050WAW](#) [OPDK-G5DA8B31F](#) [OPDK-W5DK8B31F](#) [OPDK-](#)
[Y5CA8B31F](#) [OPDO-M5DK8B31F](#) [OS2MDK3131A](#)