OptoSupply
Light It Up

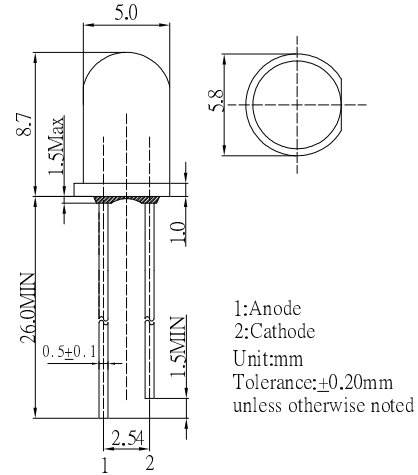## ■Features

- High Luminous LEDs
- 5mm Round Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- 2.4Hz 1/12 Duty Cycle Flashing Type
- Water Clear Type

■Applications

- Toys
- Games
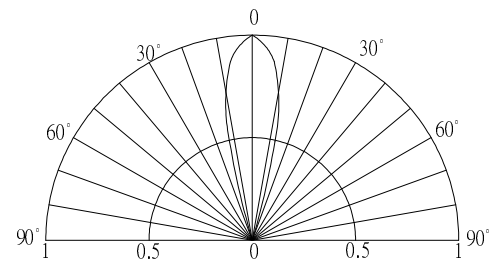- Audio
- Other Lighting

■Outline Dimension

1:Anode
2:Cathode
Unit:mm
Tolerance:±0.20mm
unless otherwise noted

■Absolute Maximum Rating   (Ta=25℃)

Item	Symbol	Value	Unit
Power Supply	Voltage	5	V
Duty Cycle	Duty	1/12	-
Operating Temperature	Topr	-30 ~ +85	℃
Storage Temperature	Tstg	-40~ +100	℃
Lead Soldering Temperature	Tsol	260℃/5sec	-

■Directivity

■Electrical -Optical Characteristics   (Ta=25℃)

Part Number	Color			V_F (V)			I_V(mcd)*			λD(nm)*			Fled (Hz)*	2θ1/2(deg)
				Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.	Typ
				I_F =20mA			I_F =20mA							
OSW5DR5A31A-2.4HZ	Cool White	W		3.0	3.5	5.0	7000	8400	-	CCT:8000-18000K				
OSM5DR5A31A-2.4HZ	Warm White	M		3.0	3.5	5.0	7000	8400	-	CCT:2700-3200K				
OSB5SR5A31A-2.4HZ	Blue	B		3.0	3.5	5.0	2000	2500	-	465	470	475		
OSG5DR5A31A-2.4HZ	Pure Green	G		3.0	3.5	5.0	7000	8400	-	520	525	530	2.4	30
OSY5MR5A31A-2.4HZ	Yellow	Y		3.0	3.5	5.0	5800	6500	-	585	590	595		
OS5OGR5A31A-2.4HZ	Orange	O		3.0	3.5	5.0	12000	14400	-	600	605	610		
OSR5MR5A31A-2.4HZ	Red	R		3.0	3.5	5.0	5800	6500	-	620	625	630		

*1 Tolerance of measurements of chromaticity coordinates is ±10%
*2 Tolerance of measurements of dominant wavelength is ±1nm
*3 Tolerance of measurements of luminous intensity is ±15%
*4 Tolerance of measurements of forward voltage is ±0.1V
*5 Tolerance of measurements of Frequency is ±20%

LED & Application Technologies

CNAS IAF ISO 9001: 2008   RoHS Compliant EU2002/95/EC   REACH The new EU chemicals legislation   ATTENTION OBSERVE PRECAUTIONS ELECTROSTATIC SENSITIVE DEVICES

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for optosupply *manufacturer:*

Other Similar products are found below :

OSB5SA5111A-CRLED16 OSG5DA5A31A-12V OSM5DK5111A-CRLED16 OSTAMA8131A OSW5DK34E1A OSB5SA5A31A-CR18

OSB64L5111A-CRLED18 OS5YKE56F1A OSB56TS4C1A OSRPMS5A31A OSW4XAHCE1E OSRPM25A32A OSRGLCA192A

OSRYMS3131A OSM5XAHEE1E OSR5PAZ4E1D OSK7DL3131A OSTAMC51A5A OS5RPM5HA1D-NO OSW4XAHBE1E

OSW54LS3C1A-CRLED18 OSW4XAHAE1E OSB51206E1N OSB5SA61A4A OSG5XME3E1E OSR5060341F OSY5MKS4C1A

OSM56V5B61A OSGGH234E1A OSK4056A-IG OS-LRI2015X45S OSG81206E1N-0.8T OSYBMC7BA1B OSRBMC5B31A-5V

OSY5PAA131B OSM44K5B32A OS5YAAA131A OSR9XAE3E1E OSY5PA5111A OSYPMS3131A OSY5RU8131A-12V

OSR5XAAC11U OSB4XDE5E1E OSM5X2E5E1E OS5OGA5HA1B OSO5JA61A4A OSO5PAA131B OSG5DAA131B OSM5DKA131B

OSCF4LS1C1A