OptoSupply
Light It Up

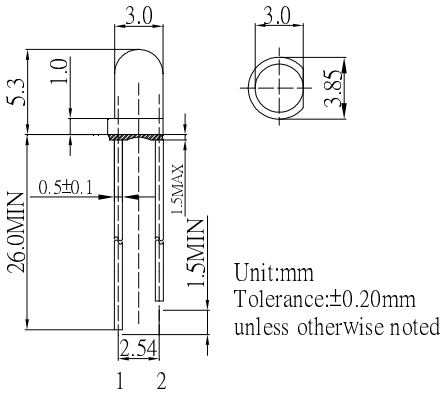
3mm Round Bi-Color Flashing Yellow & Blue LED 1.8Hz 1/2 Duty Cycle

OSYBMS3131A

■Features

- High Luminous LEDs
- 3mm Round Standard Directivity
- Flashing Type
- Water Clear Type

■Outline Dimension



Unit:mm
Tolerance:±0.20mm
unless otherwise noted

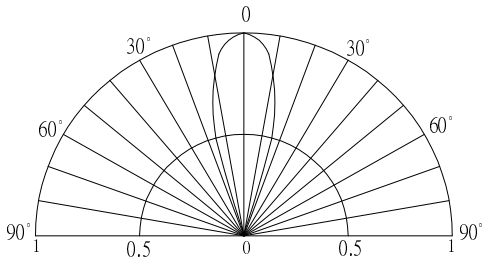
■Applications

- Toys
- Games
- Audio
- Other Lighting

■Absolute Maximum Rating (Ta=25℃)

Item	Symbol	Value	Unit
Power Supply	Voltage	4.5	V
Operating Temperature	Topr	-30 ~ +85	℃
Storage Temperature	Tstg	-40~ +100	℃
Lead Soldering Temperature	Tsol	260℃/5sec	-

■Directivity



■Electrical -Optical Characteristics (Ta=25℃)

Item	Symbol	Conditio	Min.	Typ.	Max	Unit
DC Forward Voltage	Vdd	I_F=20mA	3.0	3.3	4.5	V
Oscillator	Fled	I_F=20mA	-	1.8	-	Hz
Duty Cycle	Duty	I_F=20mA	-	1/2	-	-
Domi. Wavelength*	λ_D (Yellow)	I_F=20mA	585	590	595	nm
	λ_D (Blue)	I_F=20mA	465	470	475	nm
Luminous Intensity*	Iv (Yellow)	I_F=20mA	5800	7000	-	mcd
	Iv (Blue)	I_F=20mA	2180	3000	-	mcd
50% Power Angle	$2\theta_{1/2}$	I_F=20mA	-	30	-	deg

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

LED & Application Technologies

ISO 9001: 2008

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