

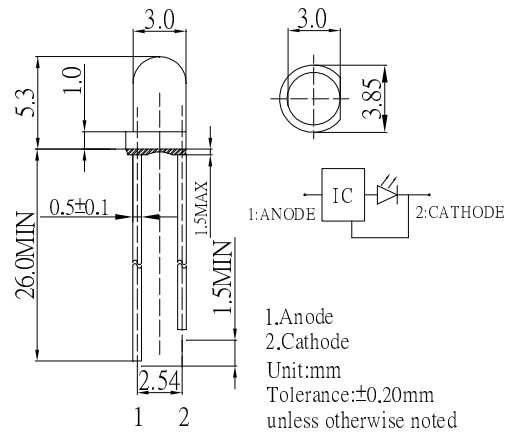
■Features

- High Luminous Flux
- 3mm Round Standard Directivity
- Flashing Type
- Superior UV Resistance
- Color Diffused / White Diffused
-

■Applications

- Electronic Signs And Signals
- Small Area Illuminations
- Back Lighting
- Other Lighting

■Outline Dimension

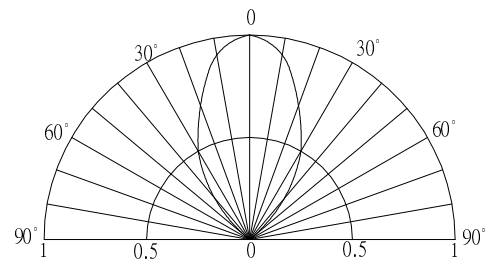


■Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
		W/M/B/TG /R/Y/YG/O	
Power Supply	Voltage	5	V
Duty Cycle	Duty	1/2	-
Operating Temperature	Topr	-30 ~ +85	°C
Storage Temperature	Tstg	-40~ +100	°C
Lead Soldering Temperature	Tsol	260°C /5sec	-

■Directivity



■Electrical -Optical Characteristics

(Ta=25°C)

Part Number	Color		VF (V)*			Iv(mcd)*			λD(nm)*			Fled (Hz)*	2θ1/2(deg)
			Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.	Typ
			IF =20mA			IF =20mA							
OSW5DS3162A	Cool White	W	3.0	3.5	5.0	2180	3000	-	CCT:8000-18000K			1.8	60
OSM5DS3162A	Warm White	M	3.0	3.5	5.0	1560	2180	-	CCT:2700-3200K				
OSB5SS3164A	Blue	B	3.0	3.5	5.0	330	500	-	465	470	475		
OSG5DS3164A	Pure Green	G	3.0	3.5	5.0	2180	3000	-	520	525	530		
OSG8HS3164A	Yellow Green	YG	3.0	3.5	5.0	68	100	-	565	570	575		
OSY5JS3164A	Yellow	Y	3.0	3.5	5.0	220	330	-	585	590	595		
OSY5MS3164A	Yellow	Y	3.0	3.5	5.0	1120	1560	-	585	590	595		
OSO5JS3164A	Orange	O	3.0	3.5	5.0	330	500	-	600	605	610		
OSR5JS3164A	Red	R	3.0	3.5	5.0	220	330	-	620	625	630		
OSR5MS3164A	Red	R	3.0	3.5	5.0	1120	1560	-	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%

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](#) [OKLEDT02406A](#) [OKLEDT3050G5V](#)
[OKLEDT3050RBV](#) [OKLEDT3050RBW](#) [OKLEDT3050RPV](#) [OKLEDT3050RPW](#) [OKLEDT3050WAW](#) [OKLEDT30606A](#) [OKLEDT31005A](#)
[OKLEDT3100B5](#) [OKLEDT3100G8](#) [OKLEDT3100M3](#) [OKLEDT3100M4](#) [OKLEDT3100R6](#) [OKLEDT3100W6](#) [OKLEDT3100WA](#)
[OKLEDT3100Y5](#) [OKLEDT31203A](#) [OKLEDT31206A](#) [OKLEDT5050B5W](#) [OKLEDT5050G5W](#) [OKLEDT5050RBV](#) [OKLEDT5050RBW](#)
[OKLEDT5050RPW](#) [OKLEDT5050TAV](#) [OKLEDT5050TAW](#) [OKLEDT5050W6P](#) [OKLEDT5050WAV](#) [OKLEDT5050WAW](#)
[OKLEDT50606A](#) [OKLEDT50606B](#) [OKLEDT51005A](#) [OKLEDT5100B5](#) [OKLEDT5100G8](#) [OKLEDT5100M3](#) [OKLEDT5100M4](#)
[OKLEDT5100R6](#) [OKLEDT5100W6](#) [OKLEDT5100WA](#) [OKLEDT5100Y5](#) [OKLEDT51203A](#) [OKLEDT51206A](#) [OKLEDT8050G5V](#)
[OKLEDT8050G5W](#) [OKLEDT8050M3V](#)