

Features

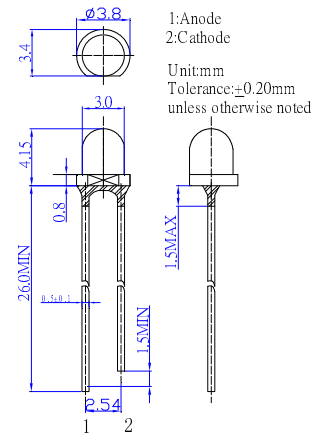
- High Luminous LEDs
- 3mm Round Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Water Clear /Color Transparent/ Color Diffused Type

Everlight:3294 Serie

Applications

- General Purpose Indicators
- Small Area Illuminations
- Back Lighting
- Other Lighting

Outline Dimension

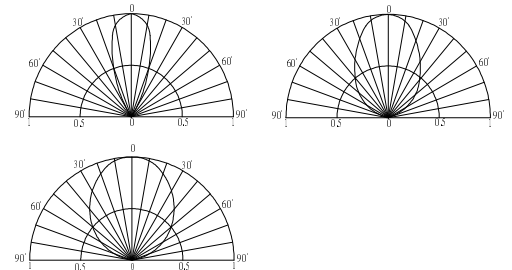


Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value		Unit
		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	108	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	Color			V _F (V)			I _R (μA)	I _v (mcd)			W _d (nm)*			2θ1/2(deg)
				Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
				I _F =20mA			V _R =5V			I _F =20mA				
OSB5SA3841A	Blue	B		2.8	3.1	3.6	10	1560	2180	-	465	470	475	40
OSG5DA3841A	Pure Green	PG		2.8	3.1	3.6	10	5800	7000	-	520	525	530	40
OSG8NU3881A	Yellow Green	YG		1.8	2.1	2.6	10	68	100	-	565	570	575	80
OSY5LU3881A	Yellow	Y		1.8	2.1	2.6	10	150	220	-	585	590	595	80
OSY5JA3881A	Yellow	Y		1.8	2.1	2.6	10	220	330	-	585	590	595	80
OSY5RU3881A	Yellow	Y		1.8	2.1	2.6	10	330	500	-	585	590	595	80
OSO5JA3881A	Orange	O		1.8	2.1	2.6	10	330	500	-	600	605	610	80
OSR5JA3881A	Red	R		1.8	2.1	2.6	10	220	330	-	620	625	630	80
OSR5RU3881A	Red	R		1.8	2.1	2.6	10	330	500	-	620	625	630	80
OSR6LU3881A	Red	R		1.8	2.1	2.6	10	100	150	-	630	640	650	80

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

*2 Tolerance of measurements of luminous intensity is ±15%

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

■ **Electrical -Optical Characteristics** (Ta=25°C)

Part Number	Color			V _F (V)			I _R (μA)	I _v (mcd)			Wd(nm)*			2θ1/2(deg)
				Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
				I _F =20mA			V _R =5V	I _F =20mA						
OSB5SA3843A	Blue	B		2.8	3.1	3.6	10	1560	2180	-	465	470	475	40
OSG5DA3843A	Pure Green	PG		2.8	3.1	3.6	10	5800	7000	-	520	525	530	40
OSG8NU3883A	Yellow Green	YG		1.8	2.1	2.6	10	68	100	-	565	570	575	80
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OSR6LU3883A	Red	R		1.8	2.1	2.6	10	100	150	-	630	640	650	80
OSB5SA3884A	Blue	B		2.8	3.1	3.6	10	330	500	-	465	470	475	80
OSG5DA3884A	Pure Green	PG		2.8	3.1	3.6	10	1150	1560	-	520	525	530	80
OSG8NU38A4A	Yellow Green	YG		1.8	2.1	2.6	10	30	45	-	565	570	575	100
OSY5LU38A4A	Yellow	Y		1.8	2.1	2.6	10	100	150	-	585	590	595	100
OSY5JA38A4A	Yellow	Y		1.8	2.1	2.6	10	150	220	-	585	590	595	100
OSY5RU38A4A	Yellow	Y		1.8	2.1	2.6	10	220	330	-	585	590	595	100
OSO5JA38A4A	Orange	O		1.8	2.1	2.6	10	150	220	-	600	605	610	100
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