





3.0mm Very Wide Angle Type LED Lamps

**Absolute Maximum Ratings at Ta = 25°C**

Parameter	Symbol	Rating	Unit
Forward Current	If	30	mA
Operating Temperature	Topr	-40 to +85	°C
Storage Temperature	Tstg	-40 to +100	°C
Soldering Temperature	Tsol	260 ± 5	°C
Power Dissipation	Pd	100	mW
Peak Forward Current(Duty 1/10 @ 1KHZ)	If(Peak)	160	mA
Reverse Voltage	Vr	5	V

**Electronic Optical Characteristics :**

Parameter	Symbol	MIN.	TYP.	MAX.	Unit	Condition
Luminous intensity	Iv	1.00	2.00	/	mcd	If= 10 mA
Viewing Angle	2θ 1/2	/	110	/	deg	If= 20 mA
Peak Wavelength	λ p	/	565	/	nm	If= 20 mA
Dominant Wavelength	λ d	/	570	/	nm	If= 20 mA
Spectrum Radiation Bandwidth	Δ λ	/	30	/	nm	If= 20 mA
Forward Voltage	Vf	1.70	2.10	2.40	V	If= 20 mA
Reverse Current	Ir	/	/	10	μ A	Vr= 5 V



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MODEL NO : 494GT

ECN :                     

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■ Typical Electro-Optical Characteristic Curves



