



## 0.5W 10mm White LED Lamp Light 280.000mcd

### Electrical-Optical Characteristic (Ta=25°C)

Item		Conditions	Min.	Typ.	Max..	Unit
Forward Voltage	VF	If=100mA	3.00	3.20	3.40	V
Reverse Current	IR	VR=5V	/	/	2	uA
Dominant Wavelength	$\lambda_p$	IF=100mA	5500	6000	6500	K
Luminous Intensity	IV	IF=100mA	/	280,000	300,000	mcd
Recommend Forward Current	IF(rec)	--	--	100	--	mA
50% Power Angle	2 $\theta$ 1/2	IF=100mA	40	/	45	degree

### Absolute Maximum Ratings (Ta = 25°C)

Item	Symbol	Absolute Max. Rating	Unit
Power Dissipation	PD	350	mW
Forward Current (DC)	IF	100	mA
Peak Forward Current	IFP	150	mA
Reverse Voltage	VR	5	V
Operation Temperature	Topr	-25~80°C	/
Storage Temperature	Tstg	-40~80°C	/
Lead Soldering Temperature	Tsol	Max. 230°C for 5 sec.	

[http://cgi.ebay.it/50p-0-5W-5-chips-10mm-White-LED-Lamp-Light-bulb-45lm-FS-/370373816567?pt=LH\\_DefaultDomain\\_0&hash=item563bfff0f7](http://cgi.ebay.it/50p-0-5W-5-chips-10mm-White-LED-Lamp-Light-bulb-45lm-FS-/370373816567?pt=LH_DefaultDomain_0&hash=item563bfff0f7)