



### 5mm White LED Light with 55.000mcd

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

Item		Conditions	Min.	Typ.	Max..	Unit
Forward Voltage	VF	If=20mA	3.0	3.2	3.6	V
Reverse Current	IR	VR=5V	/	/	10	uA
Dominant Wavelength	$\lambda_p$	IF=20mA	/	/	/	K
Luminous Intensity	IV	IF=20mA	/	55,000	/	mcd
Recommend Forward Current	IF(rec)	--	--	20	--	mA
50% Power Angle	2 $\theta$ 1/2	IF=20mA	/	25	/	degree

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

Item	Symbol	Absolute Max. Rating	Unit
Power Dissipation	PD	100	mW
Forward Current (DC)	IF	20	mA
Peak Forward Current	IFP	30	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-5mm-SUPER-BRIGHT-WHITE-LED-55-000mcd-Free-SHIPPING-/370279925785?pt=LH\\_DefaultDomain\\_0&hash=item5636674819](http://cgi.ebay.it/50p-5mm-SUPER-BRIGHT-WHITE-LED-55-000mcd-Free-SHIPPING-/370279925785?pt=LH_DefaultDomain_0&hash=item5636674819)