



# YETDA INDUSTRY LTD.

## SMD White LED Lamps S2820AW4

- SMD with Super-Bright Dice.
- High Reliability / Durable.
- High Saturated Current (200mA) .
- High Power (0.25W).
- High Esd (2000V Up).
- Encapsulated with White Clear Color Package.

### Absolute Maximum Ratings :

Parameter	Maximum Rating	Unit
Peak Forward Current	120	mA
Continuous Forward Current	30	mA
Operating Temperature Range	- 40 to + 85	
Storage Temperature Range	- 50 to + 100	
Lead Soldering Temperature	260 for 3 seconds 1.6mm(0.063 inch) from body	

### Electro-Optical Characteristics ( Ta = 25 )

Parameter Radiant	Test Condition	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage	If = 20mA	Vf	3.00		3.20	V
Reverse Current	Vr = 6V	Ir			10	uA
Luminous Intensity	If = 20mA	Iv	1300		1400	mcd
Spectral Bandwidth	If = 20mA	$\Delta\lambda$				nm
Wavelength	If = 20mA	X		0.31		nm
		Y		0.32		nm
Half View Angle	If = 20mA	2 $\theta$ 1/2	115		120	deg

Please refer to CIE1931 Chromaticity Coordinate diagram

Package

Item:2820

