



Big Sun Industry Co.,Ltd.

SPECIFICATION FOR APPROVAL

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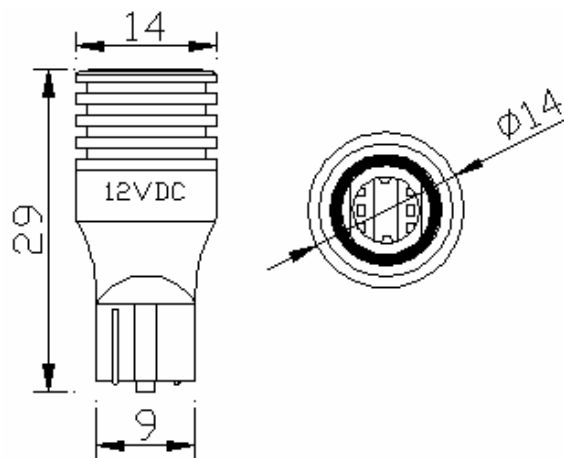
E-mail: millow@bsunlight.com [Http://www.bsunlight.com](http://www.bsunlight.com)

DESCRIPTION:

(A) Electronics and Optical Characteristics: Ta=25°C

PART NO	Emitting Color	Forward Voltage DC	Totally Luminous Intensity	Dominant Wavelength	Color Temperature	Viewing Angle	Single LED Intensity
		Unit: V	Unit: LM Error margin: ±25%	Unit: nm	Unit: K°	Unit: deg	Unit: mcd
T13-1HP(R)-SEC	Super Red	14.2VDC	14.22	620~640	≤1000	4200~4350	100~120
T13-1HP(R)-SEC	Super Yellow	14.2VDC	8.189	595~600	1000~1200	2100~2230	100~120
T13-1HP(R)-SEC	Ultra Green	14.2VDC	12.66	535~540	7400~7800	3150~3280	100~120
T13-1HP(R)-SEC	Super Blue	14.2VDC	4.84	470~475	≥30000	1180~1310	100~120
T13-1HP(R)-SEC	Super White	14.2VDC	30.55	X:0.285 Y:0.293	7000~9000	8350~8510	100~120
Test Condition	Power: 1.05 W Current: 60±10% mA					IR max: 0.01mA; VR max: 5V IF=40mA	

Figure:



T13-HP6-1LED

(B) Absolute Maximum Ratings AT Ta=25°C

PARAMETER	MAX	UNIT
Continuous Forward Current		mA
Peak Forward Current (1/10 Duty Cycle 0.1ms Pulse Width)		mA
Reverse Voltage		V
Operating Temperature Range	0°C to +70°C	
Storage Temperature Range	-40°C to +100°C	
Lead Solder Temperature 1.6mm Below Package 260°C For 5 seconds		

APPROVED & CHECKED BY: Stanley Chen Tested By: laiconan Date: 2007/01/11