



# Big Sun Industry Co.,Ltd.

## SPECIFICATION FOR APPROVAL

No.673, Song Shan Road, Taipei(110), Taiwan.

Tel: 886-2-27265106 Fax: 886-2-27263707

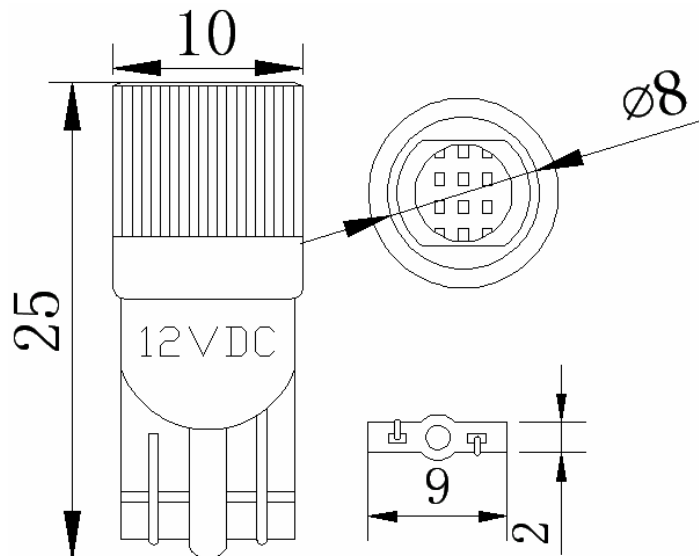
E-mail: millow@bsunlight.com [Http://www.bsunlight.com](http://www.bsunlight.com)

### DESCRIPTION:

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

PART NO	Emitting Color	Forward Voltage DC	Totally Luminous Intensity	Dominant Wavelength	Color Temperature	Single LED Intensity	Viewing Angle
		Unit: V	Unit: LM Error margin: ±25%	Unit: nm	Unit: K°	Unit: mcd	Unit: deg
T10-1HP(R)-FLU	Super Red	14.2	16.230	620~635	≤1000	4200~4350	100~120
T10-1HP(Y)-FLU	Super Yellow	14.2	17.241	590~600	1000~1200	2100~2230	100~120
T10-1HP(G)-FLU	Ultra Green	14.2	11.857	530~535	7300~7600	3150~3280	100~120
T10-1HP(B)-FLU	Super Blue	14.2	4.2762	465~475	≥30000	1180~1310	100~120
T10-1HP(W)-FLU	Super White	14.2	29.593	X:0.299 Y:0.302	7000~9000	8350~8510	100~120
Test Condition	Power: 0.71W Current: 50±10% mA					IR max: 0.01mA; VR max: 5V IF=40mA	

Figure:



(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	-20°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