



# Big Sun Industry Co.,Ltd.

## SPECIFICATION FOR APPROVAL

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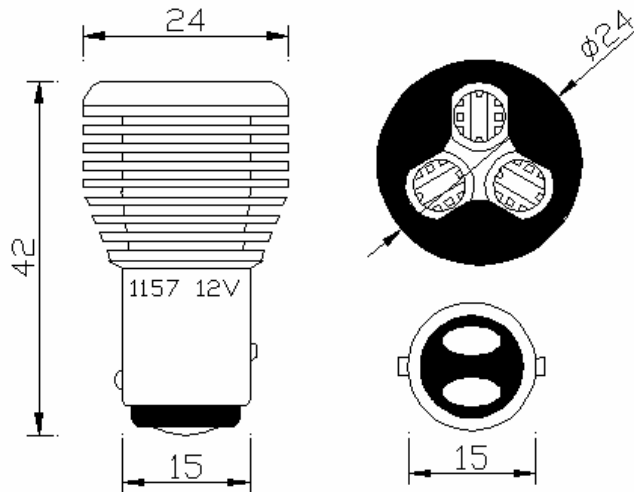
E-mail: millow@bsunlight.com [Http://www.bsunlight.com](http://www.bsunlight.com)

### DESCRIPTION:

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

PART NO	Emitting Color	Forward Voltage Unit: V	Totality Luminous Intensity Unit: LM Error margin: ±25%	Dominant Wavelength Unit: nm	Color Temperature Unit: K°	Single LED Intensity Unit: mcd	Viewing Angle Unit: deg
1157-T25-3HP(R)-SEC	Super Red	14.2VDC	48.691/12.106	620~640	<=1000	4200~4350	100~120
1157-T25-3HP(Y)-SEC	Super Yellow	14.2VDC	29.615/8.0426	590~605	1000~1200	2100~2230	100~120
1157-T25-3HP(G)-SEC	Ultra Green	14.2VDC	41.979/15.213	530~535	7400~8000	3150~3280	100~120
1157-T25-3HP(B)-SEC	Super Blue	14.2VDC	11.361/4.1706	470~480	>=30000	1180~1310	100~120
1157-T25-3HP(W)-SEC	Super White	14.2VDC	79.349/23.046	X:0.292 Y:0.306	7000~9000	8350~8510	100~120
Test Condition	Power: 2.2W Current: 150±10% mA					IR max: 0.01mA; VR max: 5V IF=40mA	

Figure J:



1157-3HP-SEC

(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 +90°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: Lai Con an Date: 2006/11/20