



Big Sun Industry Co.,Ltd.

SPECIFICATION FOR APPROVAL

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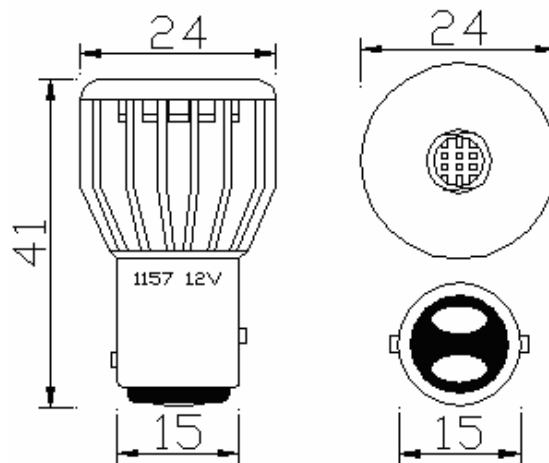
E-mail: millow@bsunlight.com [Http://www.bsunlight.com](http://www.bsunlight.com)

DESCRIPTION:

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

PART NO	Emitting Color	Forward Voltage DC	Totally Luminous Intensity	Dominant Wavelength	Color Temperature	Single LED Intensity	Viewing Angle
		Unit: V	Unit: LM Error margin: ±25%	Unit: nm	Unit: K°	Unit: mcd	Unit: deg
1157-T25-1HP(R)-FLU	Super Red	14.2	15.529/5.5876	625~635	≤1000	4220~4350	100~120
1157-T25-1HP(Y)-FLU	Super Yellow	14.2	14.321/4.8852	590~600	1000~1200	2150~2260	100~120
1157-T25-1HP(G)-FLU	Ultra Green	14.2	19.905/6.5726	530~540	7400~8000	3150~3280	100~120
1157-T25-1HP(B)-FLU	Super Blue	14.2	5.8714/2.2894	470~485	≥30000	1180~1310	100~120
1157-T25-1HP(W)-FLU	Super White	14.2	21.755/8.3315	X:0.286 Y:0.304	7000~9000	8350~8510	100~120
Test Condition	Power: 0.8/0.21W Current: 60/15±10% m A					IR max: 0.01mA; VR max: 5V IF=70mA	

Figure:



1157-T25-1HP-FLU

(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 +50°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: 2006/12/20