



Big Sun Industry Co.,Ltd.

SPECIFICATION FOR APPROVAL

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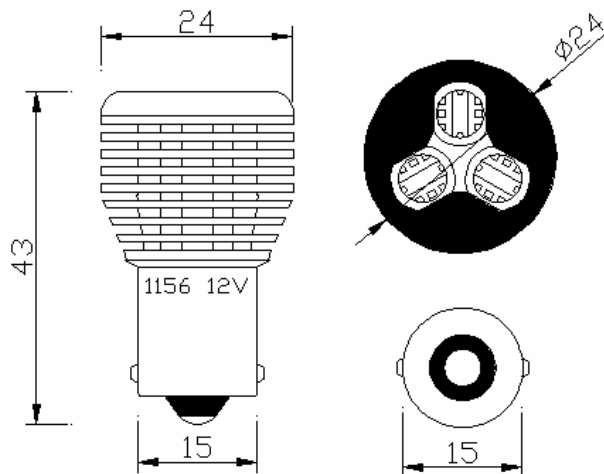
E-mail: millow@bsunlight.com [Http://www.bsunlight.com](http://www.bsunlight.com)

DESCRIPTION:

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

PART NO	Emitting Color	Forward Voltage	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
1156-T25-3HP(R)-SEC	Super Red	14.2VDC	35.840	620~640	<=1000	4200~4350	100~120
1156-T25-3HP(Y)-SEC	Super Yellow	14.2VDC	40.072	590~605	1000~1200	2100~2230	100~120
1156-T25-3HP(G)-SEC	Ultra Green	14.2VDC	41.915	520~530	7400~8000	3150~3280	100~120
1156-T25-3HP(B)-SEC	Super Blue	14.2VDC	11.622	470~480	>=30000	1180~1310	100~120
1156-T25-3HP(W)-SEC	Super White	14.2VDC	73.717	X:0.303 Y:0.322	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:



1156-3HP-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: 2006/01/21