



Big Sun Industry Co.,Ltd.

SPECIFICATION FOR APPROVAL

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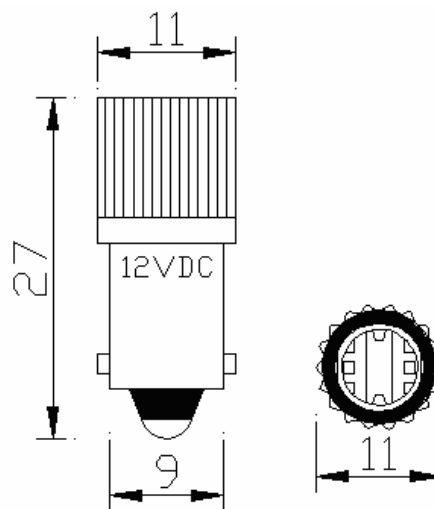
E-mail: millow@bsunlight.com [Http://www.bsunlight.com](http://www.bsunlight.com)

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
BA9S-1HPR-FLU	Super Red	14.2V	11.762	630~645	≤1000	4050~4250	100~120
BA9S-1HPY-FLU	Super Yellow	14.2V	10.889	595~605	1000~1200	1930~2180	100~120
BA9S-1HPG-FLU	Ultra Green	14.2V	13.982	520~535	7300~8000	2920~3150	100~120
BA9S-1HPB-FLU	Super Blue	14.2V	4.2986	470~475	≥30000	995~1200	100~120
BA9S-1HPW-HLU	Super White	14.2V	23.017	X:0.313 Y:0.309	7000~9000	8000~8330	100~120
Test Condition	Power: 0.71W Current: Current: 50±10%mA					IR max: 0.01mA; VR max: 5V IF=40mA	

Figure:



BA9S-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 +60°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: 2007/01/11