



# Big Sun Industry Co.,Ltd.

## SPECIFICATION FOR APPROVAL

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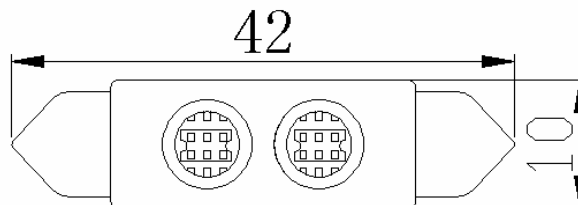
E-mail: millow@bsunlight.com [Http://www.bsunlight.com](http://www.bsunlight.com)

### DESCRIPTION:

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

PART NO	Emitting Color	Forward Voltage Unit: V	Totality Luminous Intensity Unit: LM	Single LED Intensity Unit: mcd	Dominant Wavelength Unit: nm	Viewing Angle Unit: deg	Color Temperature Unit: K°
FT-10*42-2R-hp	Super Red	13.2	15.8		630	95	<=1500
FT-10*42-2Y-hp	Super Yellow	13.2	15.0		595	95	<=1500
FT-10*42-2G=hp	Ultra Green	13.2	15.2		525	95	7400
FT-10*42-2B=hp	Super Blue	13.2	11.5		470	95	>=25000
FT-10*42-2W-hp	Ultra White	13.2	29.7		X:0.29 Y:0.28	95	25000
Test Condition	Power: 1.1W	Current:84mA	IF=60mA	IF=60mA	IF=60mA		
IR max: 0.01mA; VR max: 5V ***( hp=High Power )							

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	0°C to +50°C	
Storage Temperature Range	-20°C to +100°C	
Lead Solder Temperature 1.6mm Below Package 260°C For 5 seconds		

APPROVED & CHECKED BY: Stanley Chen Tested By: Reil Chou Date: 2006/03/22