



Big Sun Industry Co.,Ltd.

SPECIFICATION FOR APPROVAL

No.673, Song Shan Road, Taipei(110), Taiwan.

Tel: 886-2-27265106 Fax: 886-2-27263707

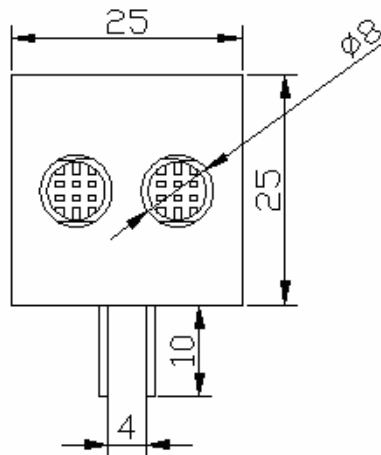
E-mail: millow@bsunlight.com [Http://www.bsunlight.com](http://www.bsunlight.com)

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
G4-HP(R)-FLA	Super Red	14.2	33.827	630~645	≤1000	4050~4250	100~120
G4-HP(Y)-FLA	Super Yellow	14.2	25.860	595~605	1100~1300	1950~2100	100~120
G4-HP(G)-FLA	Ultra Green	14.2	26.939	520~535	7200~7500	2900~3150	100~120
G4-HP(B)-FLA	Super Blue	14.2	11.032	470~475	≥30000	995~1200	100~120
G4-HP(W)-FLA	Super White	14.2	79.606	X:0.284 Y:0.301	7000~9000	8000~8350	100~120
Test Condition	Power: 1.6W Current: 120 ± 10% mA					IR max: 0.01mA; VR max: 5V IF=40mA	

Figure:



G4-2HP-FLA

(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 +70°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