



Half Outdoor Displays

Feature

- 8*8 Half outdoor Display
- Tinted Diffused
- Low power/high brightness

Applications

RED GREEN BLUE

Half outdoor Display
Full color Signboard

Absolute Maximum Ratings

Parameter	Symbol	Value	Unit
		H-2088DRGB-L	
Forward Current	IF	25	mA
Peak Forward Current	IFP	100	mA
Reverse Voltage	VR	5	V
Operating Temperature	T _{opr}	-20 to +65	°C
Storage Temperature	T _{stg}	-30 to +80	°C
Soldering Temperature	T _{sl}	260±5	°C

Note: *1:IFP Conditions --- Pulse Width ≦ 1msec and Duty ≦ 1/10.

*2:Soldering time ≦ 5 seconds.

Characteristics

(Ta = 25°C)

H-2088DRGB-L	Symbol	Conditions	Min.	Typ.	Max.	Unit
Luminous Intensity *	IV	R IF=20mA	120	-	720	mcd
		G IF=20mA	540		3200	
		B IF=20mA	170		1000	
		mixed Color IF=20mA	660		4000	
Reverse Current*	IR	VR=5V	-	-	10	μA
Forward Voltage*	VF	R IF=20mA	-	2.0	2.4	V
		G IF=20mA		3.2	4.0	
		B IF=20mA		3.2	4.0	
Dominant Wavelength	λ _d	R IF=20mA	615	-	635	nm
		G IF=20mA	515		535	
		B IF=20mA	460		480	

Note:* One pixel dot

Outline Dimensions

