

Selection Guide

Part No.	Dice	Lens Type	Iv (ucd) [1] @ 10mA		Description
			Min.	Typ.	
SA10-21HWA	BRIGHT RED(GaP)	WHITE DIFFUSED	800	2925	Common Anode, Rt. Hand Decimal.

Note:

1. Luminous Intensity / Luminous Flux: +/-15%.

Electrical / Optical Characteristics at TA=25°C

Symbol	Parameter	Device	Typ.	Max.	Units	Test Conditions
λ_{peak}	Peak Wavelength	Bright Red	700		nm	IF=20mA
λ_D [1]	Dominant Wavelength	Bright Red	660		nm	IF=20mA
$\Delta\lambda_{1/2}$	Spectral Line Half-width	Bright Red	45		nm	IF=20mA
C	Capacitance	Bright Red	40		pF	VF=0V;f=1MHz
VF [2]	Forward Voltage Per Segment or (Dp)	Bright Red	4.5 (2.25)	5.0 (2.5)	V	IF=20mA
IR	Reverse Current Per Segment or (Dp)	Bright Red		10	uA	VR = 10(5)V

Notes:

1. Wavelength: +/-1nm.

2. Forward Voltage: +/-0.1V.

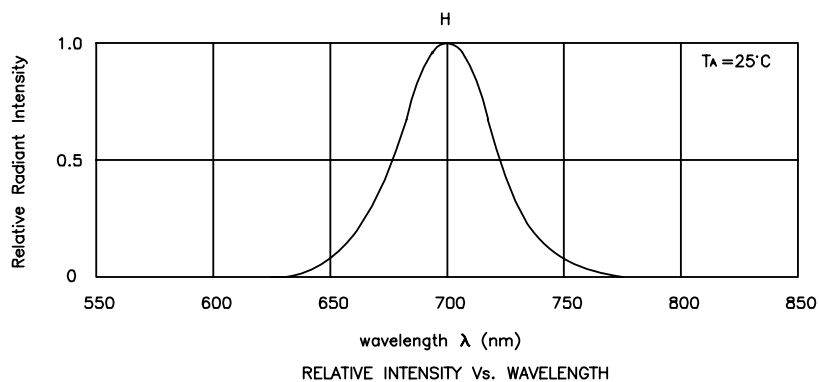
Absolute Maximum Ratings at TA=25°C

Parameter	Bright Red	Units
Power dissipation Per Segment or (Dp)	125 (62.5)	mW
DC Forward Current Per Segment or (Dp)	25 (25)	mA
Peak Forward Current [1] Per Segment or (Dp)	130 (130)	mA
Reverse Voltage Per Segment or (Dp)	10 (5)	V
Operating / Storage Temperature	-40°C To +85°C	
Lead Solder Temperature [2]	260°C For 3~5 Seconds	

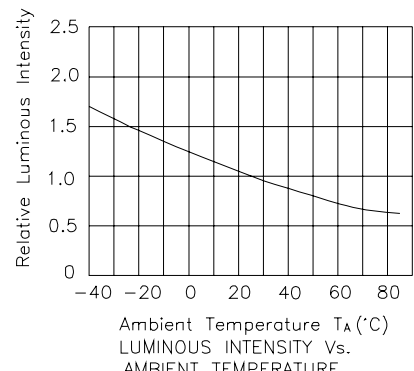
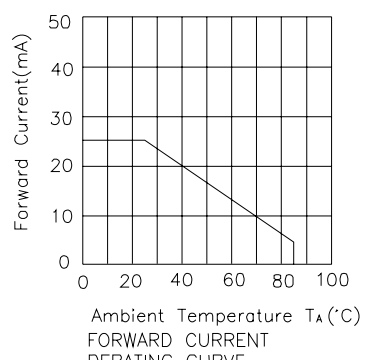
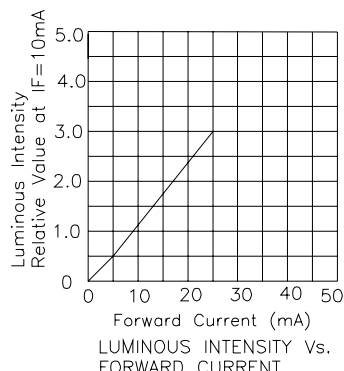
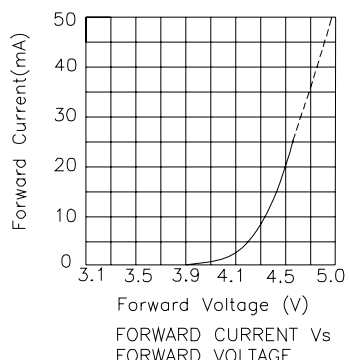
Notes:

1. 1/10 Duty Cycle, 0.1ms Pulse Width.

2. 2mm below package base.



Bright Red SA10-21HWA



PACKING & LABEL SPECIFICATIONS

SA10-21HWA

