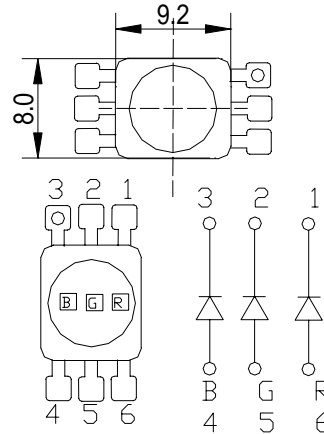


■Features

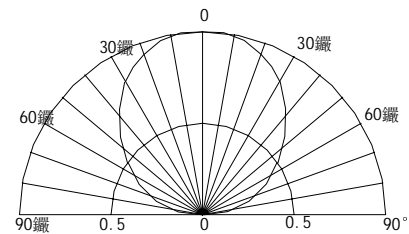
- 8.0*9.2mm Ultra Red & Pure Green & Blue LED
- High Luminous Output
- Superior Weather-resistance
- Water Clear Type

■Applications

- Automotive LED Lighting
- Traffic Signaling & Signage
- General LED Lighting Applications

■Outline Dimension

■Absolute Maximum Rating (Ta=25 °C)

Item	Symbol	Value	Unit
DC Forward Current	I_F	200	mA
Pulse Forward Current*	I_{FP}	250	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	740	mW
Operating Temperature	T_{opr}	-30 ~ +85	
Storage Temperature	T_{stg}	-40 ~ +100	
Lead Soldering Temperature	T_{sol}	260 /5sec	-

■Directivity

■Electrical -Optical Characteristics (Ta=25 °C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V_F (Red)	$I_F=150mA$	2.0	2.4	2.8	V
	V_F (B/G)	$I_F=150mA$	3.0	3.6	4.2	V
DC Reverse Current	I_R	$V_R=5V$	-	-	10	μA
Domi. Wavelength	λ_D (Red)	$I_F=150mA$	620	625	630	nm
	λ_D (Green)	$I_F=150mA$	520	525	530	nm
	λ_D (Blue)	$I_F=150mA$	465	470	475	nm
Luminous Intensity	I_V (Red)	$I_F=150mA$	4200	5800	7000	mcd
	I_V (Green)	$I_F=150mA$	5800	7000	8400	mcd
	I_V (Blue)	$I_F=150mA$	3000	4000	5800	mcd
50% Power Angle	$2\theta_{1/2}$	$I_F=150mA$	-	120	-	deg