

5mm Ultra Red& Blue& Pure Green LED

OST A5131A-R/PG/B

Common Cathode Type

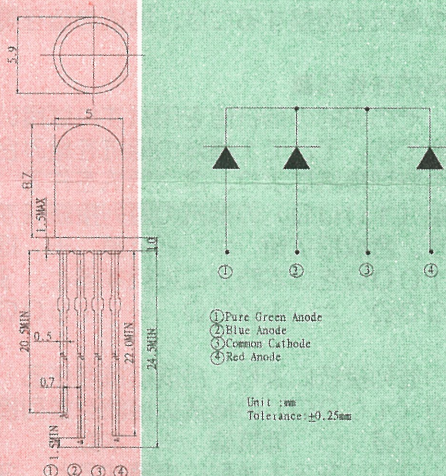
## Features

High Luminous Output  
5mm Standard Directivity  
Superior Weather-resistance  
Water Clear Type

## Applications

Toys  
Games  
Audio

## Outline Dimension

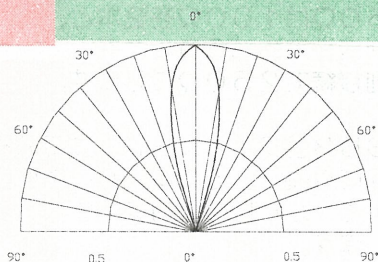


## Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	$I_F$	50	mA
Pulse Forward Current*	$I_{FP}$	150	mA
Reverse Voltage	$V_R$	5	V
Power Dissipation	$P_D$	200	mW
Operating Temperature	$T_{opr}$	-40 ~ +95	°C
Storage Temperature	$T_{stg}$	-40 ~ +100	°C
Lead Soldering Temperature	$T_{sol}$	260°C/5sec	-

## Directivity



## Electrical-Optical Characteristics

(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	$V_F(R)$	$I_F=20mA$	-	2.0	2.5	V
	$V_F(B/G)$	$I_F=20mA$	-	3.6	4.2	V
DC Reverse Current	$I_R$	$V_R=5V$	-	-	30	μA
Domi. Wavelength	$\lambda_D(R ed)$	$I_F=20mA$	-	635	-	nm
	$\lambda_D(Gr een)$	$I_F=20mA$	-	525	-	nm
	$\lambda_D(B lue)$	$I_F=20mA$	-	470	-	nm
Luminous Intensity	$I_v(R ed)$	$I_F=20mA$	1000	2000	3500	med
	$I_v(Gr een)$	$I_F=20mA$	2000	7000	10000	med
	$I_v(B lue)$	$I_F=20mA$	800	2500	4000	med
50% Power Angle	2 1/2	$I_F=20mA$	-	30	-	deg