

Order code	Manufacturer code	Description
55-1906	n/a	LED RAINBOW 5MM DIFFUSED (RC)
55-1904	n/a	LED RAINBOW 5MM CLEAR (RC)

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The enclosed information is believed to be correct, Information may change without notice due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 20/02/2007

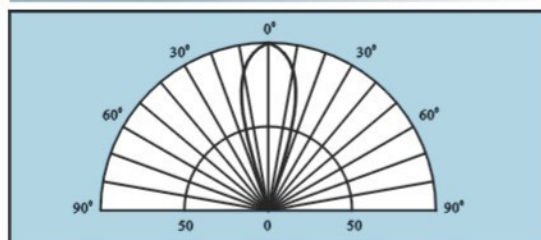
Φ 5 Full Color Flashing Series



Characters

- Viewing angle 30 deg

Directive Characteristics (Ta=25°C)



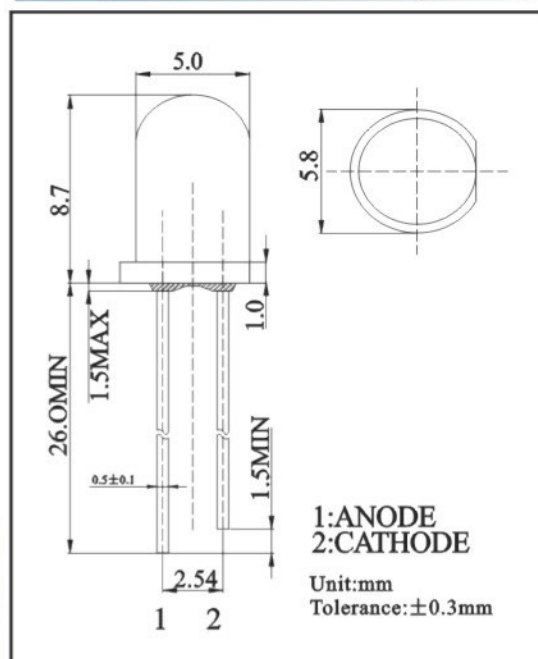
Relative Luminous Intensity

Absolute Maximum Ratings (Ta=25°C)

Item	Symbol	Value	Unit
Time	T	36	S
Power Supply	V	6.0	V
Operating Temperature	Topr	-30~+85	°C
Storage Temperature	Tstg	-30~+100	°C

Package Outlines

(Unit:mm)



Round

Electrical and Optical Characteristics

Part Number*2	Emitting Color	Lens Type	Forward Voltage VF(V)		Dominant Wavelength λ d (nm)*4		Luminous Intensity Iv (mcd)*3		Reverse Current IR (μ A) at Vr=5V
			Typ.	Max.	Typ.	Max.	Typ.	Max.	
OSTB5131A	Red	Water Clear	4.5	5.0	625	630	3000	4200	<10
	Blue				470	475	2500	5000	
	Pure Green				525	535	8400	12000	
OSTB5132A	Red	White Diffused	4.5	5.0	625	630	600	1000	<10
	Blue				470	475	500	800	
	Pure Green				525	535	1000	3000	

Electrical and Optical Characteristics

Part Number*2	Emitting Color	Lens Type	Forward Voltage VF(V)		Dominant Wavelength λ d (nm)*4		Luminous Intensity Iv (mcd)*3		Reverse Current IR (μ A) at Vr=5V
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OSTC5131A	Red	Water Clear	4.5	5.0	625	630	3000	4200	<10
	Blue				470	475	2500	5000	
	Pure Green				525	535	8400	12000	
OSTC5132A	Red	White Diffused	4.5	5.0	625	630	600	1000	<10
	Blue				470	475	500	800	
	Pure Green				525	535	1000	3000	

*2 See table for Luminous Intensity Ranks

*3 Axial Direction (Luminous Intensity)

*4 Devices are sorted by 5nm wavelength ranges

*5 Other types please refer to photo

Package

Bulk.....	100pieces/bag	(Code No.1)
Bulk.....	200pieces/bag	(Code No.2)
Bulk.....	500pieces/bag	(Code No.5)
Bulk.....	1000pieces/bag	(Code No.10)

*5

