



Snowdragon Industrial Co.,Ltd

DATA SHEET

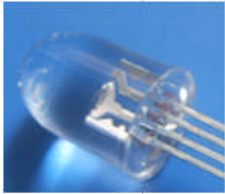
RGB LED

Emitting colour:RGB/RVB/RYG/YBG...



5mm RGB

Part No.	Chip Material	Lens Type	Emitting color	IF=20mA						Reverse Current(uA)	2Ø1/2 Half intensity angle (°)
				Forward Voltage(V)		Dominant Wavelength(nm)		luminous Intensity(mcd)			
				MIN	MAX	MIN	MAX	MIN	MAX		
SD5RGBCR	AlGaInP, InGaN/C InGaN/C	Water Clear	Red	1.8	2.4	620	630	1000	1500	10	45
			Green	2.8	3.6	515	525	3000	5000		
			Blue	2.8	3.6	460	470	1000	1500		



8mm RGB

Part No.	Chip Material	Lens Type	Emitting color	IF=20mA						Reverse Current(uA)	2Ø1/2 Half intensity angle (°)
				Forward Voltage(V)		Dominant Wavelength(nm)		luminous Intensity(mcd)			
				MIN	MAX	MIN	MAX	MIN	MAX		
SD8RGBCS	AlGaInP, InGaN/C InGaN/C	Water Clear	Red	1.8	2.4	620	630	1000	1500	10	50
			Green	2.8	3.6	515	525	3000	5000		
			Blue	2.8	3.6	460	470	1000	1500		



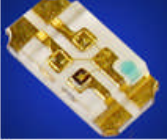
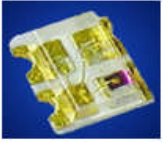


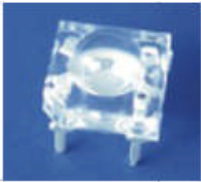
10mmRGB

Part No.	Chip Material	Lens Type	Emitting color	IF=20mA						Reverse Current(uA)	2Ø1/2 Half intensity angle (°)
				Forward Voltage(V)		Dominant Wavelength(nm)		luminous Intensity(mcd)			
				MIN	MAX	MIN	MAX	MIN	MAX		
SD10R6BCU	AlGaInP	Water Clear	Red	1.8	2.4	620	630	1000	1500	10	60
	InGaN/C		Green	2.8	3.6	515	525	3000	5000		
	InGaN/C		Blue	2.8	3.6	460	470	1000	1500		

SMD RGB

PLCC6/5050

Part No.	Chip Material	Emitting color	IF=20mA						2Ø1/2 Half intensity angle (°)	
			Forward Voltage(V)		Dominant Wavelength(nm)		Luminous Intensity(mcd)			
			TPY	MAX	MIN	MAX	MIN	TPY		
SDP5050R6BCT	GaAlInP	Red	2.10	2.5	620	630	200	300	110-130	
	GaInN	Green	3.00	3.6	515	530	600	800		
	GaInN	Blue	3.00	3.6	465	478	200	300		
PICC4/3528										
SDP3528R6BCT	GaAlInP	Red	2.10	2.5	620	630	250	350	110-130	
	GaInN	Green	3.00	3.6	515	525	400	600		
	GaInN	Blue	3.00	3.6	463	472	100	150		
3216/1206										
SDP1206R6BCT	GaAlInP	Red	2.10	2.5	620	630	200	300	110-130	
	GaInN	Green	3.00	3.6	515	525	400	600		
	GaInN	Blue	3.00	3.6	463	472	100	150		
0603/1615										
SDP0603R6BCT	GaAlInP	Red	2.10	2.5	620	630	150	200	110-130	
	GaInN	Green	3.00	3.6	515	525	300	450		
	GaInN	Blue	3.00	3.6	463	472	100	150		



High flux RGB led

Part No.	Chip Material	Lens Type	Emitting color	IF=20mA						2Ø1/2 Half intensity angle (°)
				Forward Voltage(V)		Dominant Wavelength(nm)		luminous Intensity(mcd)		
				MIN	MAX	MIN	MAX	MIN	MAX	
SD-FF6B3F4	GaAlInP	Water Clear	Red	1.95	2.50	620	630	500	1200	100-180
	GaInN		Pure Green	3.30	3.80	520	530	1200	3000	
	GaInN		Blue	3.30	3.80	460	470	1000	2500	
SD-FF6B3F4A	GaAlInP	White Diffused	Red	1.95	2.50	620	630	100	200	100
	GaInN		Pure Green	3.30	3.80	520	530	300	400	
	GaInN		Blue	3.30	3.80	460	470	200	300	

The LED Wavelength, Brightness, Shape & Viewing angle ,Ect.can be customized.

SD LEDs are manufactured from best quality materials imported i.e. from Japan & USA.

SD LEDs are machine sorted for BIN (brightness/color/voltage)&RoHs compliant

SD LEDs are high brightness,Low brightness declines ,good stability

Application:LED Lighting,urban lighting,led strip,indication,illumination,led fence light.ect.

The LED Wavelength, Brightness, Shape & Viewing angle ,Ect.can be customized,Pls contact us for detailed specs