



Snowdragon Industrial Co.,Ltd

DATA SHEET

Bi-color LED



5mm Bi-color LED

Part No.	Chip Material	Lens Type	Emitting color	IF=20mA						Reverse Current(uA)	2Ø1/2 Half intensity angle (°)
				Forward Voltage(V)		Dominant Waveleng		luminous Intensity(mc)			
				MIN	MAX	MIN	MAX	MIN	MAX		
SD5R69VC/RV	AlGaInP/GaAsP	Water Clear	Red	1.8	2.4	620	660	200	1000	10	25±10
	InGaN/CaN		Green			500	540	300	3000		
SD5RB9VC/RV	AlGaInP/GaAsP		Red	2.8	3.6	620	660	200	1000		
	InGaN/CaN		Blue	1.8	2.4	450	480	300	1500		
SD5RY9VC/RV	AlGaInP/GaAsP		Red	2.8	3.6	620	660	200	1000		
	AlGaInP/GaAsP		Yellow			580	595	200	1800		
SD5RY69VC/RV	AlGaInP/GaAsP		Red	1.8	2.4	620	660	300	600		
	InGaN/CaP		Yellow Green			565	575	70	120		
SD5B69VC/RV	InGaN/CaN		Blue	1.8	2.4	450	480	300	1500		
	InGaN/CaN		Green	2.8	3.6	500	540	300	3000		



3mm Bi-color LED

Part No.	Chip Material	Lens Type	Emitting color	IF=20mA						Reverse Current(uA)	2Ø1/2 Half intensity angle (°)
				Forward Voltage(V)		Dominant Waveleng		luminous Intensity(mc)			
				MIN	MAX	MIN	MAX	MIN	MAX		
SD3R69DW	AlGaInP/GaAsP	Diffused	Red	1.9	2.5	625	635	50	80	10	60
	InGaN/CaN		Green			570	575	30	50		

SMD Bi-color Led

Part No.	Chip Material	Emitting color	IF=20mA						2Ø1/2 Half intensity angle (°)
			Forward Voltage(V)		Dominant Waveleng		Luminous Intensity(
			TPY	MAX	MIN	MAX	MIN	TPY	
SDP3528R6CT	GaAlInP	Red	2.1	2.5	620	630	150	250	110-130
	GaInN	Green	3.2	3.6	515	525	300	500	
SDP0805R6CT	GaAlInP	Red	2.1	2.5	620	630	80	120	110-130
	GaInN	Green	2.1	2.5	570	575	40	60	
SDP0603RBCT	GaAlInP	Red	2.1	2.5	620	635	80	120	110-130
	GaInN	Blue	3.2	3.6	460	475	60	100	



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