



# Snowdragon Industrial Co.,Ltd

## DATA SHEET



8mm Superbright led

Part No.	Chip Material	Lens Type	Emitting color	IF=20mA						2 $\theta$ 1/2 Half intensity angle (°)
				Forward Voltage(V)		Dominant Wavelength(nm)		luminous Intensity(mcd)		
				Typ.	MAX	MIN	MAX	MIN	MAX	
SD8B4VC/R/Y	GaInN	Water Clear/diffuse	Blue	3.00	3.5	450	480	800	5000	17-35
SD8G4VC/R/Y	GaInN		Green	3.00	3.5	500	540	1000	15000	
SD8Y64VC/R/Y	GaInN		Yellow Green	3.00	2.5	565	575	100	150	
SD8Y4VC/R/Y	GaInN		Yellow	2.00	2.5	580	595	1000	10000	
SD8O4VC/R/Y	AlGaInP/GaAsP		Orange	2.00	2.5	600	620	500	5000	
SD8R4VC/R/Y	AlGaInP/GaAsP		Red	2.00	2.5	620	660	1000	10000	
SD8W4VC/R/Y	GaInN		White	3.20	3.6	X=0.28± 0.02	Y=0.30± 0.02	800	20000	

8mm Round Viewing angle 20°

SD800RCD1	GaAlInP	Water Clear	Red	2.00	2.2	620	625	2500	5500	20
						625	630			
SD800YCD1	GaAlInP	Water Clear	Yellow	2.00	2.2	587	590	3200	7200	
						590	593			
						593	596			
SD800OCD1	GaAlInP	Water Clear	Orange	2.00	2.2	600	605	2500	5500	
						605	610			
SD800BCD1	GaInN	Water Clear	Blue	3.2	3.6	465	470	1900	3200	
						470	475			
SD800FCD1	GaInN	Water Clear	Green	3.2	3.6	520	525	4200	7200	
						525	530			
SD800WCD1	GaInN	Water Clear	White	3.2	3.6	X=0.30 Y=0.30		5500	12000	
SD800RWN1	GaAlInP	Diffused	Red	2.00	2.2	620	625	400	520	60
						625	630			
SD800YWN1	GaAlInP	Diffused	Yellow	2.00	2.2	587	590	400	680	
						590	593			
						593	596			
SD800OWN1	GaAlInP	Diffused	Orange	2.00	2.2	600	605	240	400	
						605	610			
SD800BWN1	GaInN	Diffused	Blue	3.2	3.6	465	470	240	310	
						470	475			
SD800FWN1	GaInN	Diffused	Green	3.2	3.6	520	525	680	1150	
						525	530			
SD800WWN1	GaInN	Diffused	White	3.2	3.6	X=0.30 Y=0.30		520	1150	

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:For led light indication,illumination,urban lighting,led strip,led fence light,etc.				
The LED Wavelength, Brightness, Shape & Viewing angle ,Ect.can be customized,Pls contact us for detailed specs				