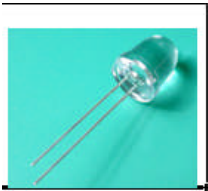




# Snowdragon Industrial Co.,Ltd

## DATA SHEET



10mm superbright 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)		
				TPY	MAX	MIN	MAX	MIN	MAX	
SD10B4VC/BY	GaInN	Water Clear/Dif fuse	Blue	3.00	3.6	440	490	280	3000	17-50
SD10G4VC/BY	GaInN		Pure Green	3.00	3.6	500	560	800	16000	
SD10Y64VC/BY	GaInN		Yellow Green	2.00	2.5	565	575	80	200	
SD10Y4VC/BY	GaAlInP		Yellow	2.00	2.5	580	595	300	5860	
SD10O4VC/BY	GaAlInP		Orange	2.00	2.5	600	620	100	2000	
SD10R4VC/BY	GaAlInP		Red	2.00	2.5	620	660	100	4180	

10mm Round Water clear & Viewing angle 20°

SD10RCD1	GaAlInP	Water Clear	Red	2.00	2.2	620 625	625 630	3200	7200	20
SD10YCD1	GaAlInP	Water Clear	Yellow	2.00	2.2	587 590	590 593	5500	9300	
SD10OCD1	GaAlInP	Water Clear	Orange	2.00	2.2	593 596	596 605	2500	5500	
SD10BCD1	GaInN	Water Clear	Blue	3.2	3.6	600 605	605 610	1900	3200	
SD10FCD1	GaInN	Water Clear	Green	3.2	3.6	465 470	470 475	4200	7200	
SD10WCD1	GaInN	Water Clear	White	3.2	3.6	520 525	525 530	5500	12000	
						X=0.30 Y=0.30				

10mm Round Diffused & Viewing angle 70°

SD10RWD1	GaAlInP	Diffused	Red	2.00	2.2	620 625	625 630	400	520	70
SD10YWP1	GaAlInP	Diffused	Yellow	2.00	2.2	587 590	590 593	520	680	
SD10OWP1	GaAlInP	Diffused	Orange	2.00	2.2	593 596	596 605	400	520	
SD10BWP1	GaInN	Diffused	Blue	3.2	3.6	600 605	605 610	240	400	
SD10FWP1	GaInN	Diffused	Green	3.2	3.6	465 470	470 475	880	1500	
SD10WWP1	GaInN	Diffused	White	3.2	3.6	520 525	525 530	1150	1900	
						X=0.30 Y=0.30				