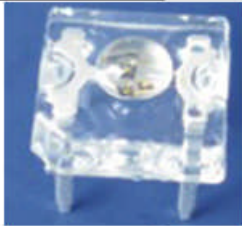




Snowdragon Industrial Co.,Ltd

DATA SHEET

High Flux led



High power High Flux LED

Part No.	Chip Material	Lens Type	Emitting color	IF=80mA						2Ø1/2 Half intensity angle (°)
				Forward Voltage(V)		Dominant Wavelength(nm)		luminous Intensity(mcd)		
				MIN	MAX	MIN	MAX	MIN	MAX	
SD-FF3F4-H	GaAlInP	Water Clear	Red	1.8	2.5	620	660	1200	4000	100
SD-FK3F4-H	GaAlInP/GaP		Yellow	1.8	2.5	580	595	1300	4000	
SD-FJ3F4-H	GaAlInP		Orange	1.8	2.5	600	610	1180	3500	
SD-FG43F4-H	GaInN		Pure Green	2.7	4.0	500	540	1500	6000	
SD-FB3F4-H	InGaAlN		Blue	2.7	4.0	450	475	1500	6000	
SD-FZ3F4-H	InGaAlN		White	2.7	4.0	/	/	1500	6000	

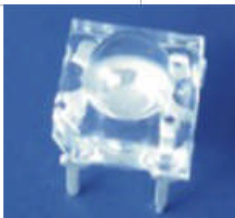


3mm High Flux led

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-FB3F1	InGaN		Blue	3.6	4.2	455	485	500	1000	110
SD-FB3F1-S	InGaN		Bright Blue	3.6	4.2	455	485	1000	3000	30
SD-FB3AF1-S	InGaN		S-Bright Blue	3.6	4.2	455	485	2500	3500	60
SD-FG63F1	InGaN		Green	3.6	4.2	515	530	2000	4000	30

SD-FG43F1	InGaN	Water Clear	S-Bright Blue Green	3.6	4.24	495	510	1500	3000	30
SD-FG63AF1	InGaN		Green	3.6	4.2	515	530	1000	1500	110
SD-FG63BF1	InGaN		S-Bright Green	3.6	4.2	515	530	5000	7500	60
SD-FG63CF1	InGaN		S-Bright Grass Green	3.6	4.2	500	510	5000	7500	60
SD-FZ3F1	InGaN		White	3.6	4.2	/	/	1800	3500	110
SD-FZ3F1-S	InGaN		Bright White	3.6	4.24	/	/	3500	6000	30
SD-FZ3AF1-S	InGaN		S-Bright White	3.6	4.24	/	/	3000	5000	60
SD-FE3F1	GaAlInP		Red	1.8	2.5	615	635	500	1000	110
SD-FF3F1	GaAlInP		Bright Red	1.8	2.5	615	635	1000	3000	30
SD-FF3AF1	GaAlInP		S-B Orange Red	1.8	2.5	615	635	3000	4000	60
SD-FJ3F1	GaAlInP		S-Birght Amber	1.8	2.5	600	615	500	1500	30
SD-FY3F1	GaAlInP		Yellow	1.8	2.5	580	595	500	1000	110
SD-FK3F1	GaAlInP		Bright Yellow	1.8	2.5	580	595	1000	3000	30
SD-FK3AF1	GaAlInP		S-Bright Yellow	1.8	2.5	580	595	3000	4000	60

Part No.	Chip Material	Lens Type	Emitting color	IF=20mA						Half intensity angle (°)
				Forward Voltage(V)		Dominant Wavelength(nm)		luminous Intensity(mcd)		
				MIN	MAX	MIN	MAX	MIN	MAX	
SD-FB3F2-S	InGaN	Water Clear	S-Bright Blue	3.3	3.8	460	470	3000	4000	45
SD-FG63AF2	InGaN		S-Bright Green	3.3	3.8	520	530	6000	8000	45
SD-FG63BF2	InGaN		S-Bright Grass Green	3.3	3.8	500	510	6000	8000	45
SD-FZ3F2-S	InGaN		S-Bright White	3.3	3.8	/	/	4000	6000	45
SD-FF3F2	GaAlInP		S-B Orange Red	1.95	2.5	620	630	3500	5000	45
SD-FK3F2	GaAlInP	S-Bright Yellow	1.95	2.5	590	595	3500	5000	45	



5mm High Flux led

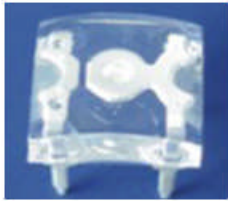
Part No.	Chip Material	Lens Type	Emitting color	IF=20mA						Half intensity angle (°)
				Forward Voltage(V)		Dominant Wavelength(nm)		luminous Intensity(mcd)		
				MIN	MAX	MIN	MAX	MIN	MAX	
SD-FB3F3-S	InGaN		Blue	3.6	4.2	455	485	400	800	110
SD-FB3F3-S	InGaN		Bright Blue	3.6	4.2	455	485	1000	2000	45
SD-FB3AF3-S	InGaN		Super Bright Blue	3.6	4.2	455	485	2500	3500	100
SD-FG63F3	InGaN		Green	3.6	4.2	515	530	2000	4000	45
SD-FG43F3	InGaN		Super Bright Blue Green	3.6	4.24	495	510	1000	3000	45
SD-FG63AF3	InGaN		Green	3.6	4.2	515	530	1500	1800	110
SD-FG63BF3	InGaN		Super Bright Green	3.6	4.2	515	530	5000	7500	100

SD-FG63CF3	InGaN	Water Clear	S-Bright Grass Green	3.6	4.2	500	510	5000	7500	100
SD-FZ3F3-S	InGaN		White	3.6	4.2	/	/	1000	2000	110
SD-FZ3F3-S	InGaN		Bright White	3.6	4.24	/	/	2000	4000	45
SD-FZ3AF3-S	InGaN		Super Bright White	3.6	4.24	/	/	3000	5000	100
SD-FE3AF3	GaAlInP		Red	1.8	2.5	615	635	400	800	110
SD-FF3BF3	GaAlInP		Bright Red	1.8	2.5	615	635	1000	2000	45
SD-FF3CF3	GaAlInP		Super Bright Red	1.8	2.5	615	635	3000	4000	100
SD-FJ3F3	GaAlInP		Super Bright Amber	1.8	2.5	600	615	500	1500	45
SD-FY3F3	GaAlInP		Yellow	1.8	2.5	580	595	400	800	110
SD-FK3F3	GaAlInP		Bright Yellow	1.8	2.5	580	595	1000	2000	45
SD-FK3AF3	GaAlInP		Super Bright Yellow	1.8	2.5	580	595	3000	4000	100



Flat Top Flux LED lamp

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-FB3F4-S	InGaN	Water Clear	Blue	3.6	4.2	455	485	100	200	110-120
SD-FB3F4-S	InGaN		Super Bright Blue	3.6	4.2	455	485	200	400	80
SD-FG63F4	InGaN		Green	3.6	4.2	515	530	400	600	80
SD-FG43F4	InGaN		Super Bright Blue Green	3.6	4.24	495	510	300	500	80
SD-FG63AF4	InGaN		Green	3.3	3.8	520	530	200	300	110-120
SD-FG63BF4	InGaN		Super Bright Grass Green	3.3	3.8	510	520	200	300	110-120
SD-FZ3F4-S	InGaN		White	3.3	3.8	/	/	200	300	110-120
SD-FZ3F4-S	InGaN		Super Bright White	3.6	4.24	/	/	400	600	80
SD-FE3F4	GaAlInP		Red	1.8	2.5	615	635	100	200	110-120
SD-FF3F4	GaAlInP		Super Bright Red	1.8	2.5	615	635	200	400	80
SD-FJ3F4	GaAlInP		Super Bright Amber	1.8	2.5	600	615	100	300	80
SD-FJ3AF4	GaAlInP		Super Bright Amber	1.8	2.5	600	615	100	200	110-120
SD-FY3F4	GaAlInP		Yellow	1.8	2.5	580	595	100	250	110-120
SD-FK3F4	GaAlInP		Super Bright Yellow	1.8	2.5	580	595	250	400	80



Flat Top Flux LED lamp

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-FB3F5-S	InGaN	Water Clear	Blue	3.6	4.2	455	485	100	300	±60
SD-FB3F5-S	InGaN		Super Bright Blue	3.6	4.2	455	485	300	600	
SD-FG63F5	InGaN		Green	3.6	4.2	515	530	400	800	
SD-FG43F5	InGaN		Super Bright Blue Green	3.6	4.24	495	510	300	600	
SD-FZ3F5-S	InGaN		White	3.6	4.2	/	/	200	400	
SD-FZ3F5-S	InGaN		Super Bright White	3.6	4.24	/	/	400	800	
SD-FE3F5	GaAlInP		Red	1.8	2.5	615	635	100	300	
SD-FF3F5	GaAlInP		Super Bright Red	1.8	2.5	615	635	300	600	
SD-FJ3F5	GaAlInP		Super Bright Amber	1.8	2.5	600	615	100	400	
SD-FY3F5	GaAlInP		Yellow	1.8	2.5	580	595	100	300	
SD-FK3F5	GaAlInP		Super Bright Yellow	1.8	2.5	580	595	300	600	

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