



Electro-Optical Characteristics (Ta=25⁰C)

Items	Epoxy Package	Lead frame	Emitting Color	Wavelength	Electro-Optical Characteristics		
				λ_p	V_F	I_F	$I_v(\text{mcd})$
				(nm)	(V)	(mA)	90 ⁰
Superflux-1W	Water clear	4 pins	White	-	3.2-3.6	20	1500-2000
Superflux-1B	Water clear	4 pins	Blue	460-470	3.2-3.6	20	800-1100
Superflux-1C	Water clear	4 pins	Cyan	500-510	3.2-3.6	20	1100-1500
Superflux-1G	Water clear	4 pins	Green	520-530	3.2-3.6	20	1300-1800
Superflux-1R	Water clear	4 pins	Red	620-630	1.9-2.3	20	800-1000
Superflux-1Y	Water clear	4 pins	Yellow	580-590	1.9-2.3	20	800-1000

Absolute maximum ratings (Ta=25⁰C)

Parameter	Symbol	Testing Conditions				Unit
			Min	Typ	Max	
Power Dissipation	P_D	-	-	-	125	mW
Reverse Voltage	V_R	-	-	-	5	v
Working Temperature	T_{OPR}	-	-40	-	+85	⁰ C
Peak forward Current	I_{FP}	-	-	-	100	mA
Continuous Forward Current	I_F	-	-	-	30	mA
Storage Temperature	T_{stg}	-	-40	-	100	⁰ C