

Electrical / Optical Characteristics at T_A=25°C

Symbol	Parameter	Device	Color	Min.	Typ.	Max.	Units	Test Conditions
I _V	Luminous Intensity	BL0106-15-39	Super Bright Red	1500	3000	-	mcd	I _F =60mA
2θ _{1/2}	Viewing Angle		Super Bright Red	-	40	-	Deg.	-
V _F	Forward Voltage		Super Bright Red	-	9.3	12.5	V	I _F =60mA
λ _{peak}	Peak Wavelength		Super Bright Red	-	660	-	nm	I _F =60mA
λ _D	Dominant Wavelength		Super Bright Red	-	640	-	nm	I _F =60mA
Δλ _{1/2}	Spectral Line Half-width		Super Bright Red	-	20	-	nm	I _F =60mA
I _R	Reverse Current		Super Bright Red	-	-	30	uA	V _R = 5V

Absolute Maximum Ratings at T_A=25°C

Parameter	Super Bright Red	Units
Power dissipation	1000	mW
DC Forward Current	90	mA
Reverse Voltage	5	V
Operating Temperature	-40°C To +70°C	
Storage Temperature	-40°C To +85°C	