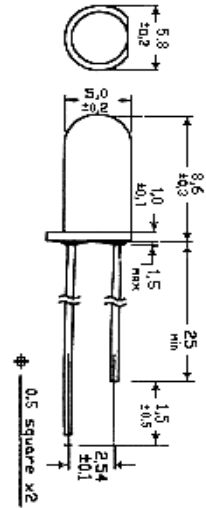


# 5 mm LED Lamps

Light emitting colour: SR, G, Y  
 Epoxy case colour: colored diffused  
 Viewing angle ( $2\phi / 2$ ):  $40^\circ$

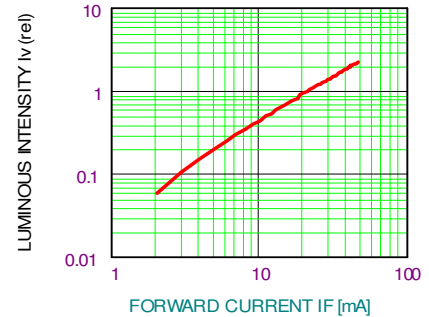
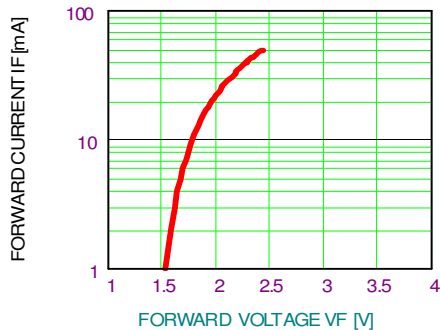
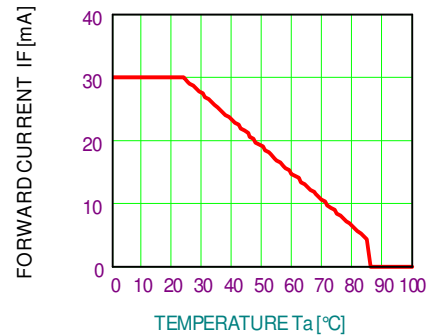
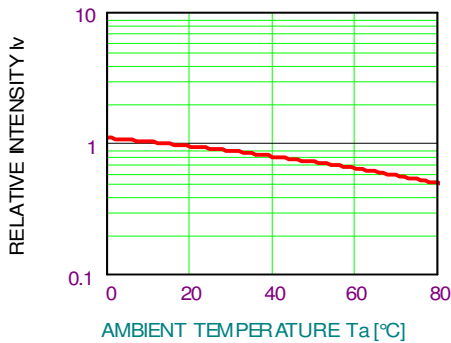


Maximum ratings ( $T_a = 25^\circ\text{C}$ )

Characteristics	Symbol	Rating	Unit
Forward Current (DC)	$I_F$	30	mA
Reverse Voltage	$V_R$	5	V
Operating Temperature Range	$T_{opr}$	-40 ~ +85	$^\circ\text{C}$
Storage Temperature Range	$T_{stg}$	-40 ~ +100	$^\circ\text{C}$

Electro- Optical Characteristics ( $T_a = 25^\circ\text{C}$ )

Characteristics	Symbol	Test condition	min.	typ.	max.
Design Voltage	$V_F$	$I_F = 20\text{mA}$	1.7 V	-	2.8 V
Reverse Current	$I_R$	$V_R = 5\text{V}$	-	-	10 $\mu\text{A}$
Luminous Intensity	$I_v$	$I_F = 20\text{mA}$	12 mcd	20 mcd	-
Peak Wavelength SuperRed	$\lambda_p$	$I_F = 20\text{mA}$	-	635 nm	-
Peak Wavelength Green	$\lambda_p$	$I_F = 20\text{mA}$	-	565 nm	-
Peak Wavelength Yellow	$\lambda_p$	$I_F = 20\text{mA}$	-	585 nm	-



**OSHINO LAMPS (EUROPE) GmbH**

Tennenloher Str. 19, 90425 Nürnberg, Tel.: 0911/9 34 78-0, Fax: -90  
[www.oshino-lamps.de](http://www.oshino-lamps.de)

**G 50440, Y 50440, SR 50440**

Artikel-/ Seriennummer:

**LED, 5mm , cylindrical**

© (OSHINO LAMPS (EUROPE) GmbH)

Ref.:

Bezeichnung:

Änderung:

Datum:

Name:

Gez.:

**HW**

Gepr.:

**KP**

Datum:

**09.10.2000**