

# 4046 / 6046 TYPE

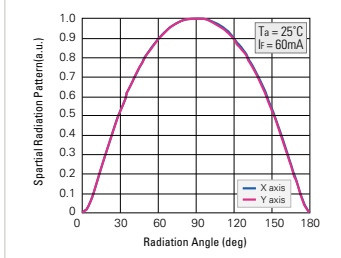


Dimension(mm)

4046 : 4.0 x 4.6 x 1.0t

6046 : 6.0 x 4.6 x 0.95t

Radiation Diagram



## Characteristics

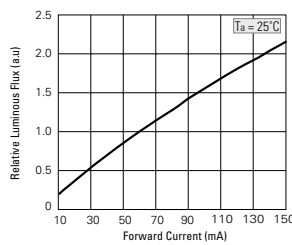
Type	Item	Symbol	Condition	Min.	Typ.	Max.	Unit
4046	Forward Voltage	$V_F$	$I_F=60mA$	3.03	3.25	3.47	V
	Reverse Voltage	$V_R$	$I_R=10mA$	0.60	0.90	1.20	V
	Luminous Intensity	$I_v$	$I_F=60mA$	3.10	3.60	4.60	cd
6046	Forward Voltage	$V_F$	$I_F=60mA$	6.06	6.60	7.00	V
	Reverse Voltage	$V_R$	$I_R=5mA$	0.80	0.90	1.20	V
	Luminous Intensity	$I_v$	$I_F=60mA$	6.22	7.45	9.33	cd

Ta=25°C

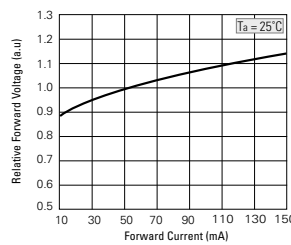
※ Tolerance :  $V_F \pm 0.1V$

## Characteristics Graph

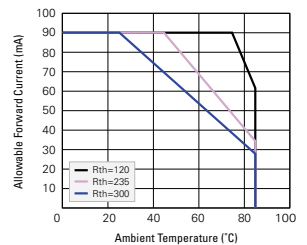
Relative Luminous Flux vs. Forward Current



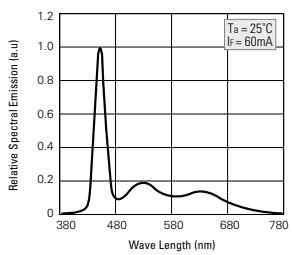
Relative Forward Voltage vs. Forward Current



Forward Current Derating Curve



Spectrum Distribution



$\Delta CIE x, \Delta CIE y$  vs Forward Current

