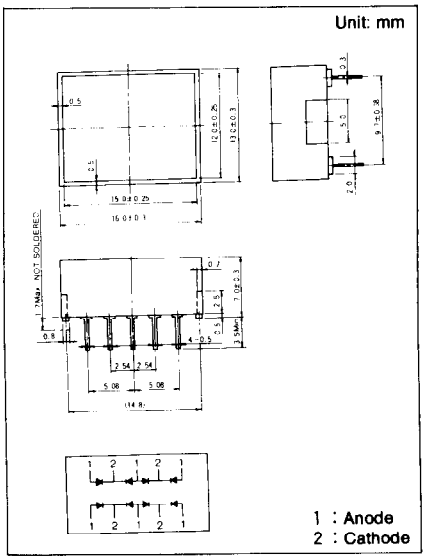
二色発光 Two Color Lighting

□ 15.0mm×12.0mm Series

Type No. Lighting Color
LN0801WP23·····Red, Green
LN0801WP38·····Green, Orange



絶対最大定格 Absolute Maximum Ratings (Ta=25 °C)

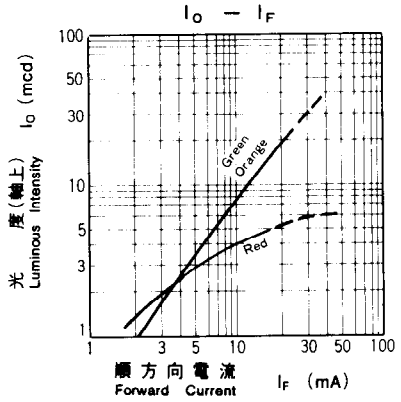
Lighting Color	P_D (mW)	I_F (mA)	I_{FP} (mA)★	V_R (V)	Topr (°C)	Tstg (°C)
Red	60	20	100	4	−25～+80	−30～+85
Green	60	20	100	4	−25～+80	−30～+85
Orange	60	20	100	3	−25～+80	−30～+85

★ I_{FP}の条件は，duty 10%, Pulse width 1 msec. The condition of I_{FP} is duty 10%, Pulse width 1 msec

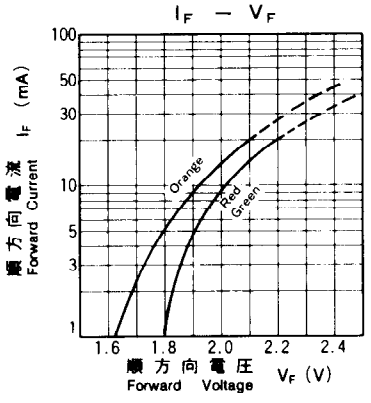
電気的光学的特性 Electro-Optical Characteristics (Ta=25 °C)

Type No.	Lighting Color	Lens Color	I_O			V_F		λ_P	$\Delta\lambda$		I_R	
			Typ.	Min.	I_F	Typ.	Max.	Typ.	Typ.	I_F	Max.	V_R
LN0801WP23	Red	White Diffused	4.0	1.2	10	2.2	2.8	700	100	20	10	4
	Green		8.0	2.5	10	2.2	2.8	565	30	20	10	4
LN0801WP38	Green	White Diffused	8.0	2.5	10	2.2	2.8	565	30	20	10	4
	Orange		8.0	2.5	10	2.1	2.8	630	40	20	10	3
Unit	—	——	mcd	mcd	mA	V	V	nm	nm	mA	μA	V

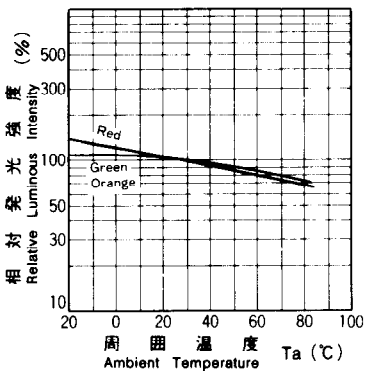
I_O − I_F



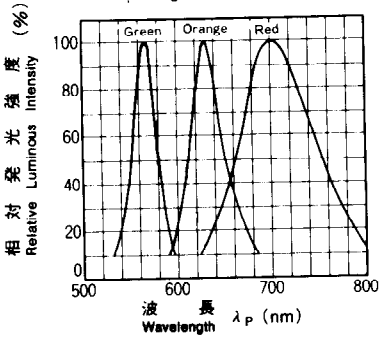
I_F − V_F



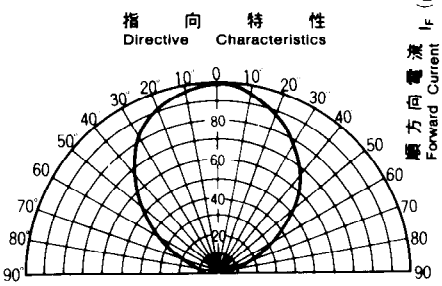
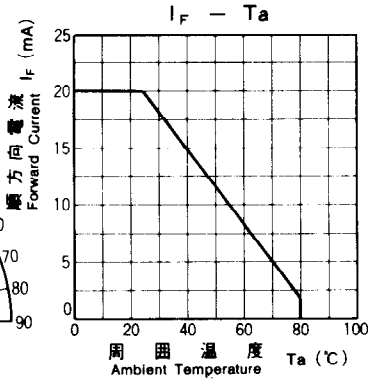
I_O − Ta



相対発光強度－波長特性
Relative Luminous Intensity Wavelength Characteristics



指 向 特 性
Directive Characteristics



I_F − Ta