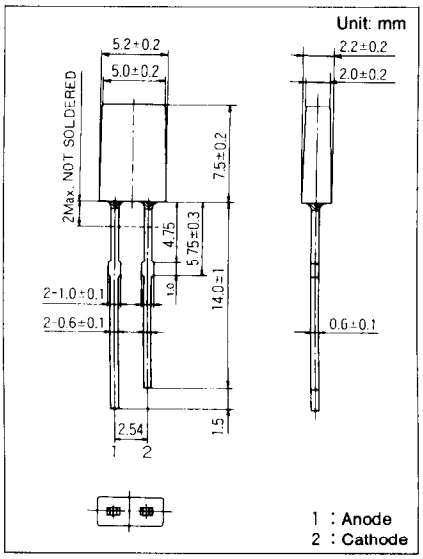
角　形　Square Type

□ 5.0 mm×2.0 mm Series



Type No.	Lighting Color
LN242RP	Red
LN342GP	Green
LN442YP	Amber
LN842RP	Orange

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

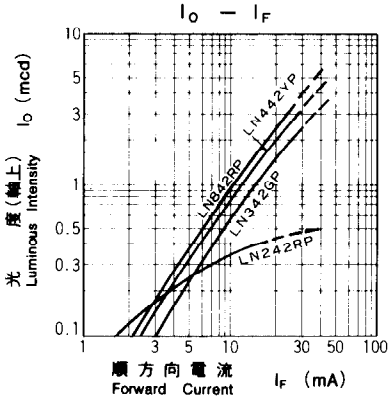
Lighting Color	P_D (mW)	I_F (mA)	I_{FP} (mA)★	V_R (V)	Topr (℃)	Tstg (℃)
Red	70	25	150	4	−25～+85	−30～+100
Green	90	30	150	4	−25～+85	−30～+100
Amber	90	30	150	4	−25～+85	−30～+100
Orange	90	30	150	3	−25～+85	−30～+100

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

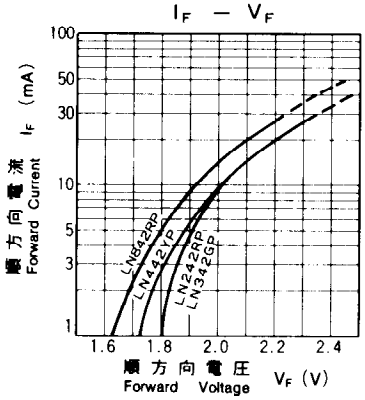
電気的光学的特性　Electro-Optical Characteristics (Ta=25 ℃)

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
LN242RP	Red	Red Diffused	0.4	0.15	15	2.2	2.8	700	100	20	5	4
LN342GP	Green	Green Diffused	1.5	0.55	20	2.2	2.8	565	30	20	10	4
LN442YP	Amber	Amber Diffused	2.0	0.75	20	2.2	2.8	590	30	20	10	4
LN842RP	Orange	Red Diffused	2.5	1.00	20	2.1	2.8	630	40	20	10	3
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	μA	V

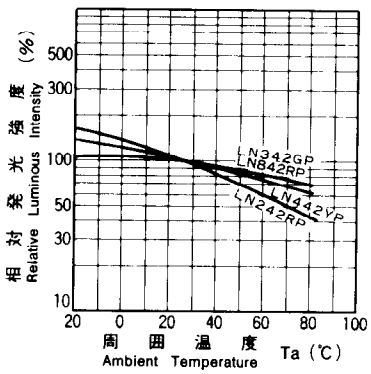
I_O − I_F



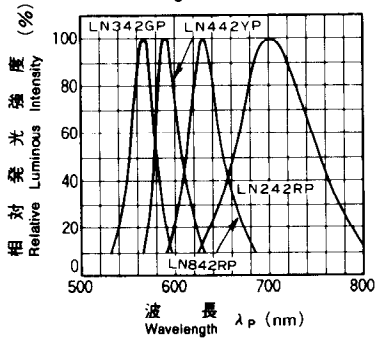
I_F − V_F



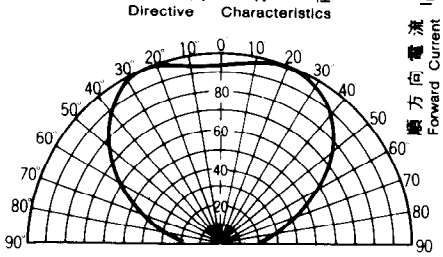
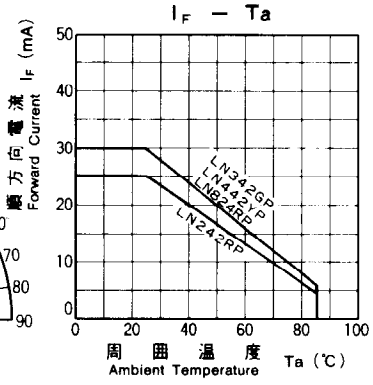
I_O − Ta



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



指向特性
Directive Characteristics



I_F − Ta