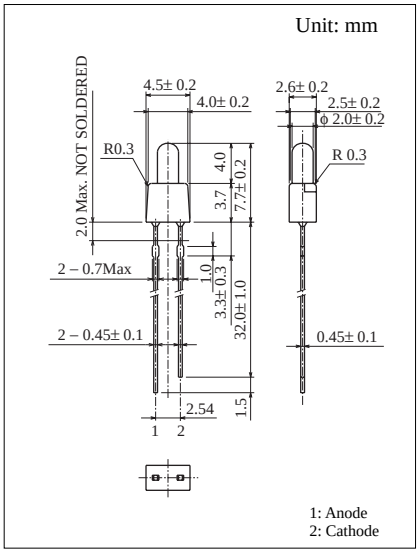
ϕ 2.0 mm Series



Conventional Part No.	Global Prat No.	Lighting Color
LN282RPX	LNG282RKR	Red
LN382GPX	LNG382GKG	Green
LN482YPX	LNG482YKX	Amber
LN882RPX	LNG882RKD	Orange

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

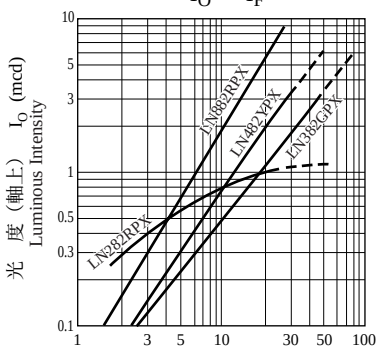
Lighting Color	P_D(mW)	I_F(mA)	I_{FP}(mA)*	V_R(V)	T_{opr}(°C)	T_{stg}(°C)
Red	70	25	150	4	−25 ~ +85	−30 ~ +100
Green	90	30	150	4	−25 ~ +85	−30 ~ +100
Amber	90	30	150	4	−25 ~ +85	−30 ~ +100
Orange	90	30	150	3	−25 ~ +85	−30 ~ +100

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

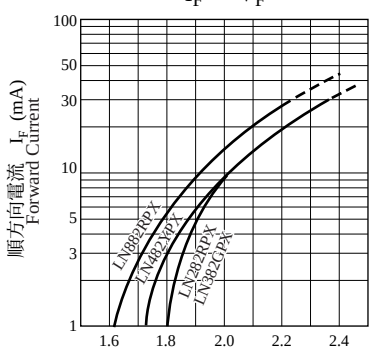
■電気的光学的特性 Electro–Optical Characteristics (T_a = 25°C)

Conventional Part No.	Lighting Color	Lens Color	I_O		I_F	V_F		λ_P	$\Delta\lambda$	I_F	I_R	
			Typ	Min		Typ	Max	Typ	Typ		Max	V_R
LN282RPX	Red	Red Diffused	1.0	0.5	15	2.2	2.8	700	100	20	5	4
LN382GPX	Green	Green Diffused	1.2	0.5	20	2.2	2.8	565	30	20	10	4
LN482YPX	Amber	Amber Diffused	2.0	1.0	20	2.2	2.8	590	30	20	10	4
LN882RPX	Orange	Red Diffused	6.0	2.5	20	2.1	2.8	630	40	20	10	3
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	μA	V

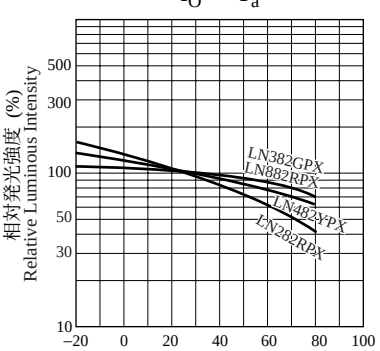
I_O — I_F



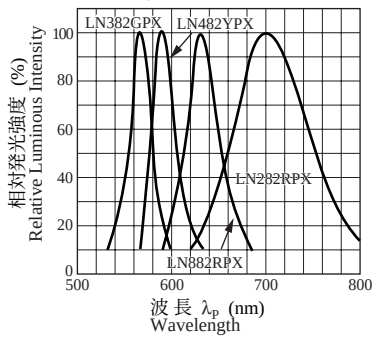
I_F — V_F



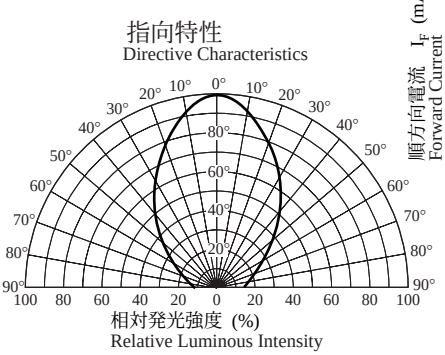
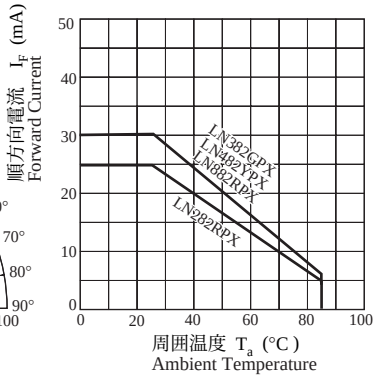
I_O — T_a



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



指向特性
Directive Characteristics



I_F — T_a