

Square Type

□ 3.0 mm × 7.0 mm Series

Conventional Part No.	Global Part No.	Lighting Color
LN216RPH	LNG216RFR	Red
LN316GPH	LNG316GFG	Green
LN416YPH	LNG416YFX	Amber
LN816RPH	LNG816RFD	Orange

■ Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

Lighting Color	$P_D(\text{mW})$	$I_F(\text{mA})$	$I_{FP}(\text{mA})^*$	$V_R(\text{V})$	$T_{opr}(^\circ\text{C})$	$T_{stg}(^\circ\text{C})$
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

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

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				Max	V_R
LN216RPH	Red	Red Diffused	0.5	0.2	15	2.2	2.8	700	20	20	5	4
LN316GPH	Green	Green Diffused	1.5	0.6	20	2.2	2.8	565	30	20	10	4
LN416YPH	Amber	Amber Diffused	1.5	0.6	20	2.2	2.8	590	30	20	10	4
LN816RPH	Orange	Red Diffused	2.5	1.0	20	2.1	2.8	630	40	20	10	3
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	μA	V

