### Minibright LED Series

Conventional Part No.	Global Prat No.	Lighting Color
LN01201C(Q)	···· LNG201C2RT ·	······ Red
LN01301C(Q)	···· LNG301C2GT ·	····· Green
LN01401C(Q)	··· LNG401C2XT ·	····· Amber
LN01801C(Q)	LNG801C2DT -	······ Orange

### ■ Absolute Maximum Ratings (T<sub>a</sub> = 25°C)

Lighting Color	P <sub>D</sub> (mW)	I <sub>F</sub> (mA)	I <sub>FP</sub> (mA)*	$V_R(V)$	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)
Red	60	20	100	4	<b>−25 ~ +85</b>	-30 ~ +100
Green	60	20	100	4	-25 ~ +85	-30 ~ +100
Amber	60	20	100	4	-25 ~ +85	-30 ~ +100
Orange	60	20	100	3	<b>−25 ~ +85</b>	-30 ~ +100

Pulse width 1 msec. The condition of  $I_{\mbox{\scriptsize FP}}$  is duty 10%, Pulse width 1 msec

### ■ Electro–Optical Characteristics (T<sub>a</sub> = 25°C)

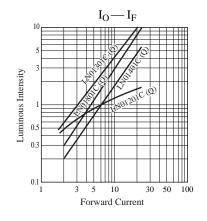
		, u										
Conventional	Lighting	Lens Color	Io			V <sub>F</sub>		$\lambda_{P}$	Δλ		I <sub>R</sub>	
Part No.	Color		Тур	Min	I <sub>F</sub>	Тур	Max	Тур	Тур	I <sub>F</sub>	Max	$V_R$
LN01201C(Q)	Red	Clear	1.5	0.65	15	2.2	2.8	700	100	20	10	4
LN01301C(Q)	Green	Clear	10.0	3.50	20	2.2	2.8	565	30	20	10	4
LN01401C(Q)	Amber	Clear	5.0	1.90	20	2.2	2.8	590	30	20	10	4
LN01801C(Q)	Orange	Clear	8.0	3.00	20	2.1	2.8	630	40	20	10	3
Unit			mcd	mcd	mA	V	V	nm	nm	mA	μΑ	V

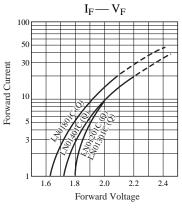
..8 Max. NOT SOLDERED

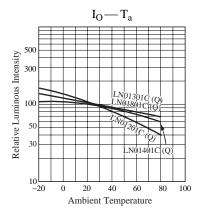
 $3.0 \pm 0.2$   $3.4 \pm 0.2$ 

2Min  $2.8 \pm 0.2$ 

2Min

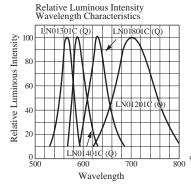


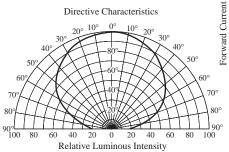


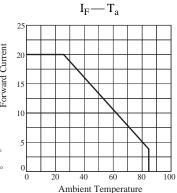


Unit: mm

1: Anode 2: Cathode







230 Panasonic

# Caution for Safety



## Gallium arsenide material (GaAs) is used in this product.

Therefore, do not burn, destroy, cut, crush, or chemically decompose the product, since gallium arsenide material in powder or vapor form is harmful to human health.

Observe the relevant laws and regulations when disposing of the products. Do not mix them with ordinary industrial waste or household refuse when disposing of GaAs-containing products.

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