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_a = 25°C)

Lighting Color	P _D (mW)	I _F (mA)	I _{FP} (mA)*	$V_R(V)$	T _{opr} (°C)	T _{stg} (°C)
Red	60	20	100	4	−25 ~ +85	-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	−25 ~ +85	-30 ~ +100

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

■ Electro–Optical Characteristics ($T_a = 25$ °C)

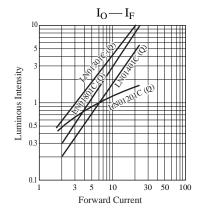
Conventional	Lighting	Lens Color	Io			V _F		λ_{P}	Δλ		I _R	
Part No.	Color		Тур	Min	I _F	Тур	Max	Тур	Тур	I _F	Max	V_R
LN01201C(Q)	Red	Clear	1.5	0.65	15	2.2	2.8	700	100	20	10	4
LN01301C(Q)	Green	Clear	10.0	3.50	20	2.2	2.8	565	30	20	10	4
LN01401C(Q)	Amber	Clear	5.0	1.90	20	2.2	2.8	590	30	20	10	4
LN01801C(Q)	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

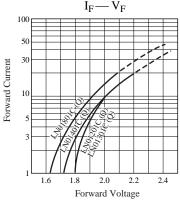
.8 Max. NOT SOLDERED

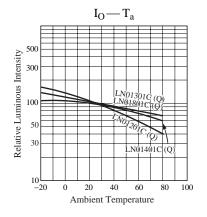
 $3.0 \pm 0.2 \quad 3.4 \pm 0.2$

2Min 2.8 ± 0.2

2Min

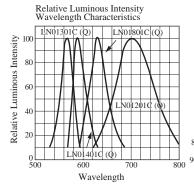


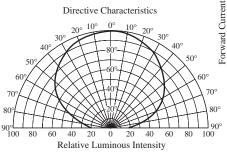


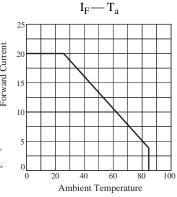


Unit: mm

1: Anode 2: Cathode







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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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 - Even when the products are used within the guaranteed values, redundant design is recommended, so that such equipment may not violate relevant laws or regulations because of the function of our products.
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