Surface Mounting Chip LED

S-GW Type

Conventional Part No.	Global Part No.	Lighting Color
LN1271R - (TR)	LNJ206R5RRW ······	Red
LN1371G - (TR)	LNJ306G5URW ······	Green
LN1371G(H) – 6U(TR) ··	LNJ306G5TRW ······	Green
LN1471Y - (TR)	LNJ406K5YRW ······	Amber
LN1871Y5 - (TR)	LNJ806K5SRW ······	Soft Orange
LN1271RAL - (TR)	LNJ206R5ARW ······	Ultra Bright Red

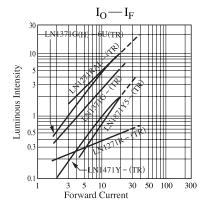
■ Absolute Maximum Ratings (T_a = 25°C)

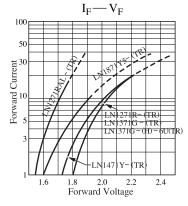
Lighting Color	$P_D(mW)$	I _F (mA)	I _{FP} (mA)*	$V_R(V)$	T _{opr} (°C)	T _{stg} (°C)
Red	60	20	60	4	-25 ~ +85	-30 ~ +100
Green	60	20	60	4	-25 ~ +85	-30 ~ +100
Green	60	20	60	4	−25 ~ +85	-30 ~ +100
Amber	60	20	60	4	-25 ~ +85	-30 ~ +100
Soft Orange	60	20	60	3	-25 ~ +85	-30 ~ +100
Ultra Bright Red	60	20	60	3	-25 ~ +85	-30 ~ +100

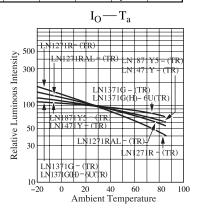
Pulse width 1 msec. The condition of I_{FP} is duty 10%, Pulse width 1 msec

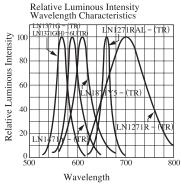
■ Electro–Optical Characteristics (T_a = 25°C)

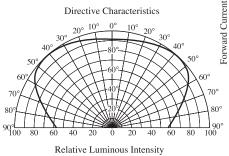
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Conventional	Lighting	Lens Color	Io			V _F		λ_{P}	Δλ		I _R	
Part No.	Color	2013 00101	Тур	Min	I _F	Тур	Max	Тур	Тур	I _F	Max	V_R
LN1271R - (TR)	Red	Red Diffused	0.4	0.15	10	2.03	2.6	700	100	10	5	4
LN1371G - (TR)	Green	Green Diffused	2.6	0.9	10	2.03	2.6	565	30	10	10	4
LN1371G(H) – 6U(TR)	Green	Green Diffused	5.0	3.0	10	2.03	2.6	565	30	10	10	4
LN1471Y - (TR)	Amber	Yellow Diffused	1.0	0.4	10	2.0	2.6	590	30	10	10	4
LN1871Y5 - (TR)	Soft Orange	Yellow Diffused	0.8	0.3	10	1.93	2.6	610	40	10	10	3
LN1271RAL - (TR)	Ultra Bright Red	Red Diffused	5.0	1.7	10	1.72	2.5	660	20	10	100	3
Unit			mcd	mcd	mA	V	V	nm	nm	mA	μΑ	V

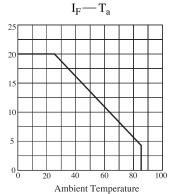












Panasonic 63

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

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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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