



New LNJ03004xxD1 Series

3230 Package, Surface Mount White LED



High Efficiency White LED for Use in LED Lighting Applications!

Panasonic, a worldwide leader in Semiconductor Products, is pleased to introduce the **NEW LNJ03004xxD1 Series Surface Mount White LED**. Featuring a compact, 3230 package size, high-power LED chip, and high-reflectance materials, these LEDs exhibit a high luminous efficiency of 150lm/W. This is the same luminous efficiency as a fluorescent light! With a low forward voltage and low luminous degradation, the **LNJ03004xxD1 Series** is a perfect fit for energy efficient lighting applications that require low power consumption and long lifetime. Also, with a wide operating temperature range of -40 to 105°C, these LEDs can even be used in automotive applications.

Features

- Small Package Size (3.2 x 3.0 x 0.6mm)
- High-Power White LED Chip with High-Reflectance Materials
- Low Forward Voltage ($V_f = 2.9V @ 60 \text{ mA}$)
- Low Luminous Degradation (40,000 hrs, 70%)
- RoHS / REACH Compliant

Benefits

- Flexibility in Design
- High Luminous Efficiency
- Low Power Consumption
- Long Lifetime

Industries

- Lighting
- Automotive
- Industrial

Applications

- LED Lighting
- Ceiling Lights
- Car Cabin Lighting
- Under Shelf Lighting

Part Number Information

L	N	J	0	3	0	0	4	G	N	D	1
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								Chip Config	Color Temp
G	2-Chip, 135lm/W							N	5000K
B	1-Chip, 150lm/W							D	6500K
								L	2700K

Additional Information

For detailed specification information on the **LNJ03004xxD1 Series**, visit our website at:

www.us.panasonic.com/industrial/electronic-components/semiconductors/