



PL00131 Series SMD LED 0603 Package Top View

Features

- *Dome lens thin package 1.6 x 0.8 x 0.6mm
- *Low current requirements
- *High light output
- *Compatible with IR solder-process
- *Industry standard footprint
- *4000 pcs per reel
- *RoHS compliant

Absolute Maximum Ratings at T_A = 25°C

Power Dissipation	105mW
Reverse Voltage (<10μA)	5.0V
Max Forward Current	30mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100mA
Operating Temperature Range	-40°C to +85°C
Storage Temperature Range	-40°C to +85°C
Reflow Soldering Temperature.....	260°C for 10 seconds

Electrical & Optical Characteristics at T_A = 25°C

Part Number	Emitting Color	Chip Material	CIE		Viewing Angle 2θ1/2 Deg	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
			Typical	Max		Typ	Max	Min	Typ
PL00131-YDW03	White	InGaN	X: 0.31	X: 0.30	110°	3.3	3.5	285	450

Package Dimensions are in **Millimeters**. Tolerance is ± 0.15mm unless otherwise specified.

