

PLCC2 Package

High Brightness PLCC2 SML-Z14x4 LEDs

ROHM's **SML-Z14x4** series of high brightness LEDs utilize an AlGaInP structure for superior brightness (at 50mA). Operation is guaranteed up to 100°C, making them suitable for automotive applications. Additional features include high wavelength accuracy ($\pm 2\text{nm}$) and a range of selectable colors. Available in a compact, high-power PLCC2 package.

Applications

Automotive (i.e. cluster lighting), transportation indicators, bicycles, electronic toys and gaming systems, signage

Pricing

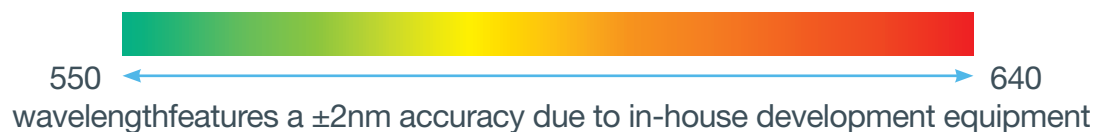
Quantity per reel: 3,000 pieces
Price: \$0.17 to \$0.21
Samples: Available now

Key Features

- High brightness
- Available in a variety of colors: red, yellow, green, yellow-green, orange
- High wavelength accuracy: $\pm 2\text{nm}$
- High-power PLCC2 package

Electrical Characteristics

Category	Symbol	Typical								Units
		White	Blue	Green	Yellow Green	Yellow	Orange	Red(U)	Red(V)	
Conditions		IF=20mA			IF=50mA					-
Forward Voltage	VF	3.2			2.2 (Max. 2.7)					V
Luminous Intensity	IV	2200	280	56	224	710	710	560	280	mcd
Dominant Wavelength	λD	(0.30, 0.28)	470	561	572	605	620	620	630	nm



More info

http://www.rohm.com/products/opto_device/led/chipled/sml-z14d4t/
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