seeed studio

INDUSTRIAL PRODUCT DATASHEET

Luxeon III Star compatible - 3WI super light RGB LED

Luxeon III Star compatible RGB LED featuring high flux, 100k-hour life, energy efficiency, and applications in automotive, architectural, portable, and decorative lighting.

SKU	UPDATED	PRICE
104990074	2026-04-09 12:34:01	$8.50(Excl. VAT)



Overview



The Luxeon III Star compatible - 3Wl super light RGB LED offers high flux per LED, very long operating life (up to 100k hours), various colors, good color uniformity, more energy efficient than incandescent and most halogen lamps, low voltage DC operated, instant light (less than 100ns), no UV, and superior ESD protection. Typical applications include reading lights (car, bus, aircraft), portable (flashlight, bicycle), uplighters/downlighters, decorative/entertainment, bollards/security/garden, cove/undershelf/task, indoor/outdoor commercial and residential, architectural, automotive exterior (Stop-Tail-Turn, CHMSL, Mirror Side Repeat), and LCD backlights.

Key Features

Features

- High flux per LED
- Very long operating life(up to 100k hours)
- Various colors
- Good color uniformity
- More energy efficient than incandescent and
- most halogen lamps
- Low Voltage DC operated
- Instant light (less than 100ns)
- No UV
- Superior ESD protection

Typical Applications

- Reading lights (car, bus, aircraft)
- Portable (flashlight, bicycle)
- Uplighters/Downlighters
- Decorative/Entertainment
- Bollards/Security/Garden
- Cove/Undershelf/Task
- Indoor/Outdoor Commercial and Residential Architectural
- Automotive Ext (Stop-Tail-Turn,
- CHMSL, Mirror Side Repeat)
- LCD backlights

Document

- Datasheet

Compliance & Logistics



HSCODE	9405409000
UPC	841454106166
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Luxeon-III-Star-compatible-3Wl-super-light-RGB-LED-p-146.html

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