

DATASHEET

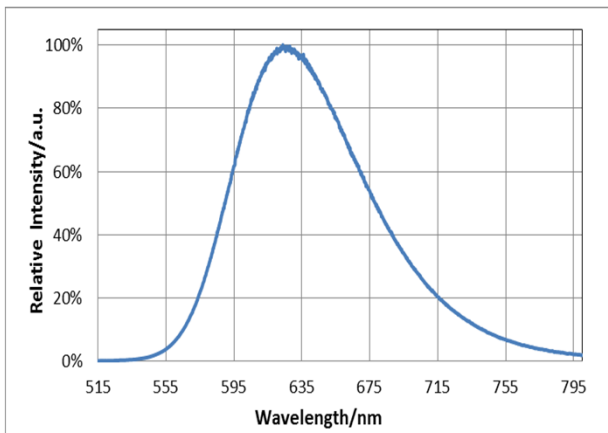
XR6436-01

Product Description and Application

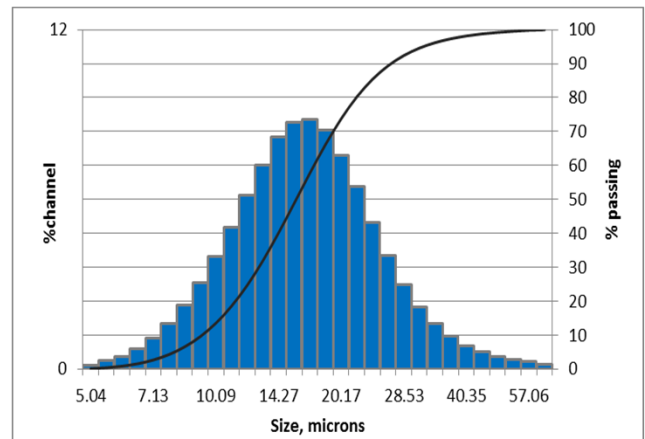
- XR6436-01 red nitride phosphor is a unique composition designed for high power LEDs with high junction temperature, such as 1-10W packages or high power arrays.
- XR6436-01 phosphor maintains consistent brightness and color required for products with long lifetimes and high luminous flux, such as lighting or large area displays
- While the performance is uniquely robust, XR6436-01 phosphor is perfectly compatible is blends with Intematix yellow and green phosphors to produce high CRI white light.

Intematix phosphor compositions are protected by numerous US and world wide patents

Emission Spectrum



Particle Size Distribution



Material Specification:



Materials	<i>Nitride</i>
Density	<i>3.1 g/cm³</i>
Particle Size	<i>D50V ~ 15.0 μm</i>
CIE (1931)	<i>x=0.642, y=0.358</i>
Emission Peak	<i>628 nm</i>
Excitation Range	<i>200nm to 610 nm</i>

For more information about Intematix phosphors please contact your local sales representative.

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