

DATASHEET

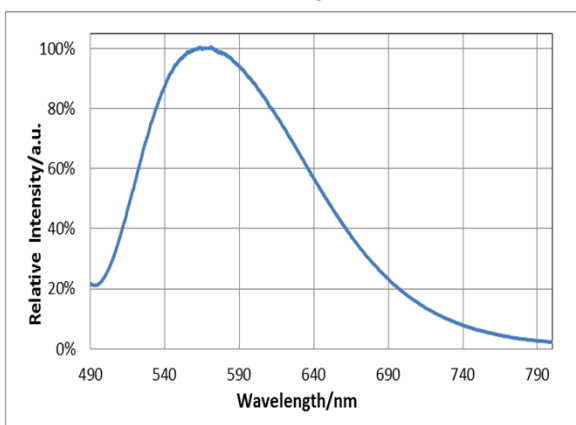
GAL565-02-03

Product Description and Application

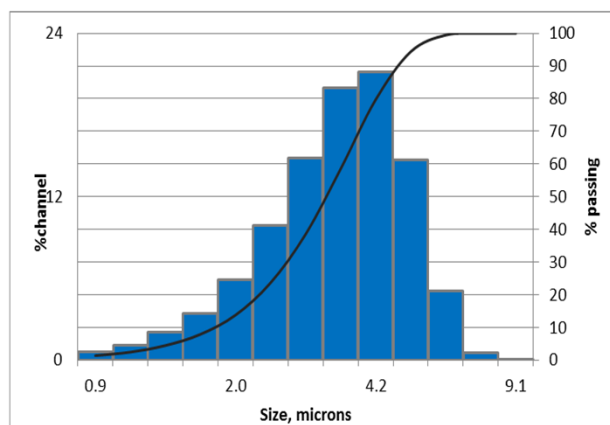
- GAL565-02-03 yellow phosphor has a broad emission spectrum designed for general lighting and display backlighting applications where high brightness is a key requirement.
- GAL565-02-03 can also be blended with Intematix red nitrides in either cool white or warm white blends to enhance efficacy..
- GAL565-02-03 yellow phosphor has high brightness, superior thermal stability and high reliability, which are all characteristics of Intematix aluminate phosphors..

Intematix GAL® phosphor composition is protected by US Patent 8,475,683.

Emission Spectrum



Particle Size Distribution



Material Specification:



Materials	<i>Aluminates</i>
Density	<i>6.0 g/cm³</i>
Particle Size	<i>D50V ~3.0 μm</i>
CIE (1931)	<i>x=0.464, y=0.519</i>
Emission Peak	<i>567 nm</i>
Excitation Range	<i>200nm to 480 nm</i>

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

INTEMATIX

46410 Fremont Boulevard Fremont, CA 94538
Tel: +1 (510) 933-3300 Fax: +1 (510) 668-0793

sales@intematix.com
www.intematix.com