

# DATASHEET

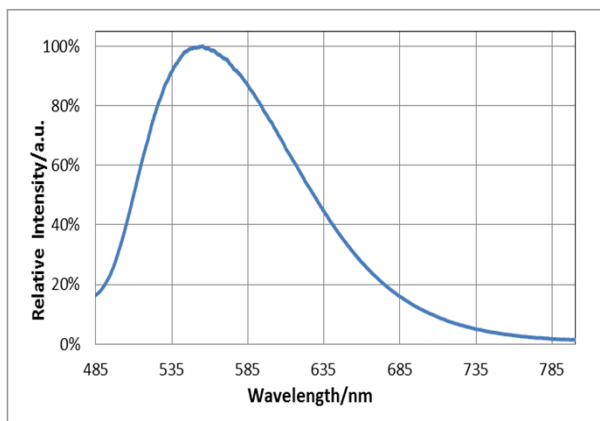
## GAL555-02-13

### Product Description and Application

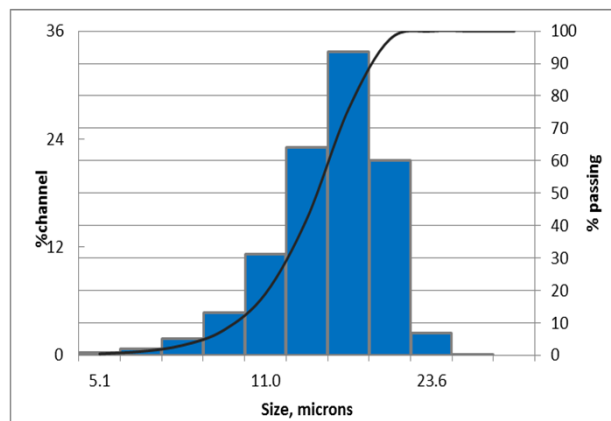
- GAL555-02-13 yellow phosphor has a broad emission spectrum designed for general lighting and display backlighting applications where high brightness is a key requirement.
- GAL555-02-13 can also be blended with Intematix red nitrides in either cool white or warm white blends to enhance efficacy..
- GAL555-02-13 yellow phosphor has high brightness, superior thermal stability and high reliability, which have 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:



|                         |                             |
|-------------------------|-----------------------------|
| <b>Materials</b>        | <i>Aluminates</i>           |
| <b>Density</b>          | <i>6.0 g/cm<sup>3</sup></i> |
| <b>Particle Size</b>    | <i>D50V ~14.0 μm</i>        |
| <b>CIE (1931)</b>       | <i>x=0.431, y=0.540</i>     |
| <b>Emission Peak</b>    | <i>555 nm</i>               |
| <b>Excitation Range</b> | <i>200nm to 480 nm</i>      |

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

## INTEMATIX

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