

产品简介

Brief Introduction of Product

- 该产品化学性能稳定、耐老化性能优异、光转化效率高，结晶体透光性好。激发范围广，可被紫光、近紫光、蓝光(360-480 nm)有效激发，可用于紫光及蓝光芯片的封装。
- 呈现特殊的绿色，比较鲜艳，可以做装饰LED封装用。还可与路明LMS-5742或LMS-5841橙色荧光粉混合封装高显色指数白光LED。
- LMS-1964-B is green powder with good chemical stability, excellent aging resistance, high light conversion efficiency and good crystal light transmittance. It can be adopted for LED with violet, near-violet and blue LED chips with a broad excitation band ranging from 360 to 480nm.
- LMS-1964-B is a special green powder with brilliant body color. It can be used to fabricate the decoration LED, and also be used to fabricate high color rendering white LED by mixing with LMS-5742 or LMS-5841 orange phosphors.



产品参数

Product Performance

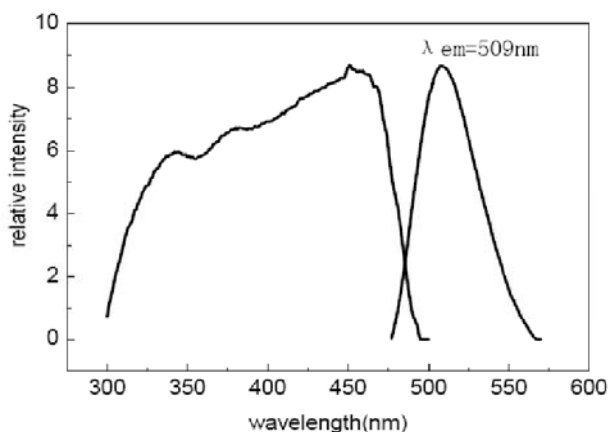
型号	Model	LMS-1964-B
比重(g/cm ³)	Specific Gravity(g/cm ³)	3.1
中心粒径(d50)	Particle Size (d50)	A型: 20±1μm B型: 15±1μm C型: 10±1μm
色品坐标	Color Coordinate	x=0.192, y=0.643
发射峰值波长(nm)	Emission Peak Wavelength(nm)	509
激发波长(nm)	Excitation Wavelength(nm)	430-470

注：LMS系列的产品不耐酸碱及腐蚀性原料，所以在使用过程中避免与任何酸碱及具有腐蚀性原料接触

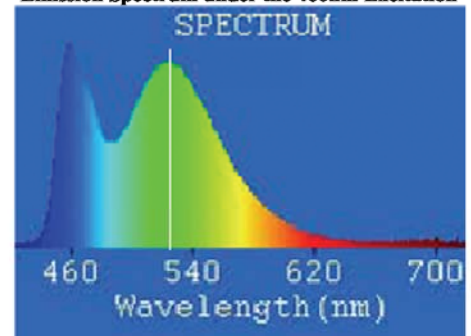
发光性能

Luminescent Property

激发发射光谱
Excitation and Emission Spectra



460nm蓝光激发光谱
Emission Spectrum under the 460nm Excitation



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LMFG-6829-B LED Red Phosphor

产品简介

Brief Introduction of Product

- ▶ 该产品是稀土激活的氟锗酸盐、不同于硫化物的一种深红色荧光粉，化学性能稳定、耐老化性能优异，具有宽谱激发的性能，对芯片的波段选择性小，在400-450nm激发下，可实现发射波长在655nm左右的深红色发光。
- ▶ 该荧光粉可以单独封装成紫罗蓝色的LED，也可与其它颜色的荧光粉混合封装成高显色指数的白光LED。
- ▶ LMFG-6829-B is deep-red fluogermanate phosphor activated with rare-earth ions, different from sulfide, with good chemical stability, excellent aging resistance, broad excitation band and little choice for chip wavelength. It exhibits deep-red emission at 655nm under the broad excitation range of 400-450 nm.
- ▶ LMFG-6829-B can be used for violet LED and also be used to fabricate white LED with high color rendering by mixing with other color phosphors.



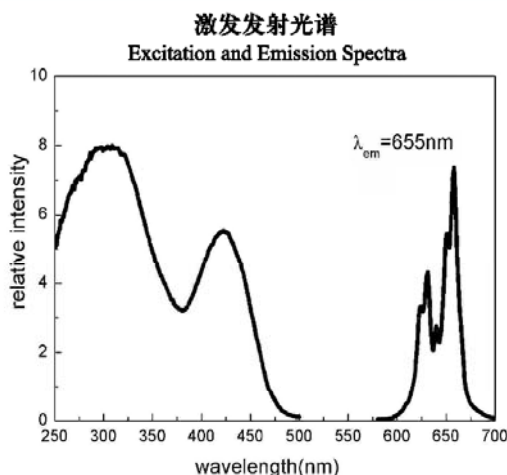
产品参数

Product Performance

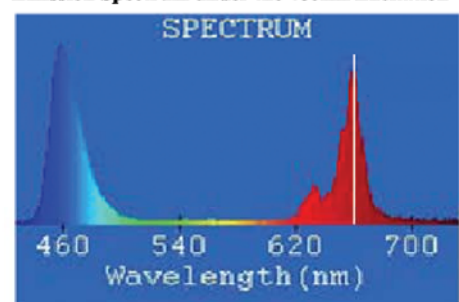
型号	Model	LMFG-6829-B
比重(g/cm ³)	Specific Gravity(g/cm ³)	3.85
中心粒径(d50)	Particle Size (d50)	B型: 10±1 μm
色品坐标	Color Coordinate	x=0.681 , y=0.296
发射峰值波长(nm)	Emission Peak Wavelength(nm)	655
激发波长(nm)	Excitation Wavelength(nm)	400-450

发光性能

Luminescent Property



460nm蓝光激发光谱
Emission Spectrum under the 460nm Excitation



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