

LMS-1858 型LED绿色荧光粉



路明LED荧光粉

LMS-1858 LED Green Phosphor

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-1858 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-1858 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

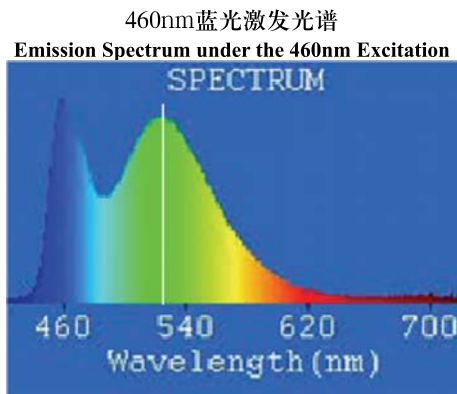
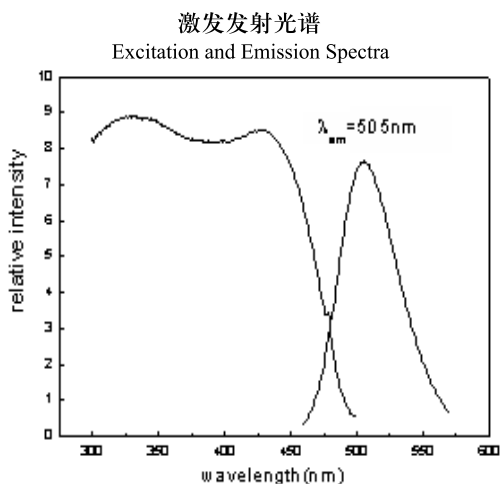
Product Performance

型号	Model	LMS-1858
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.95
中心粒径(d50)	Particle Size (d50)	A型: 20±1 μm B型: 15±1 μm C型: 10±1 μm
色品坐标	Color Coordinate	x=0.187 , y=0.588
发射峰值波长(nm)	Emission Peak Wavelength(nm)	505
激发波长(nm)	Excitation Wavelength(nm)	360-480

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



大连路明发光科技股份有限公司
DALIAN LUMINGLIGHT CO.,LTD.

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网址http://www.luminglight.com 邮箱: xiawei@luminglight.cn

LMS-2564 型LED绿色荧光粉

LMS-2564 LED Green Phosphor

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(360-480nm)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-2564 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-2564 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

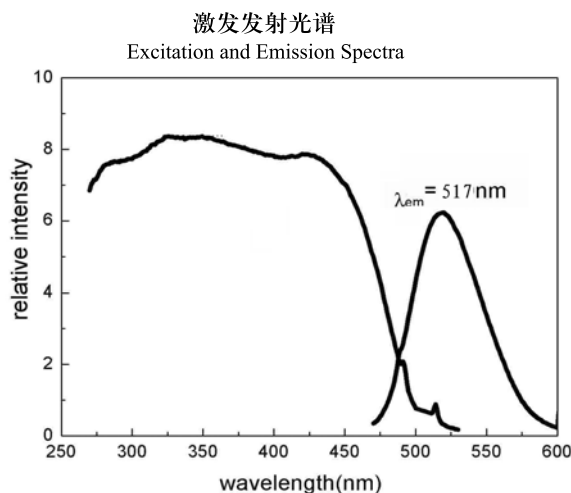
Product Performance

型号	Model	LMS-2564
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.87
中心粒径(d50)	Particle Size (d50)	A型: 20±1 μm B型: 15±1 μm C型: 10±1 μm
色品坐标	Color Coordinate	x=0.258 , y=0.646
发射峰值波长(nm)	Emission Peak Wavelength(nm)	517
激发波长(nm)	Excitation Wavelength(nm)	360-480

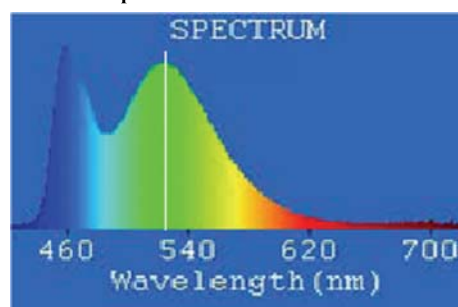
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发光性能

Luminescent Property



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



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LMS-2762 LED Green Phosphor

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(360-480nm)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-2762 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-2762 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.



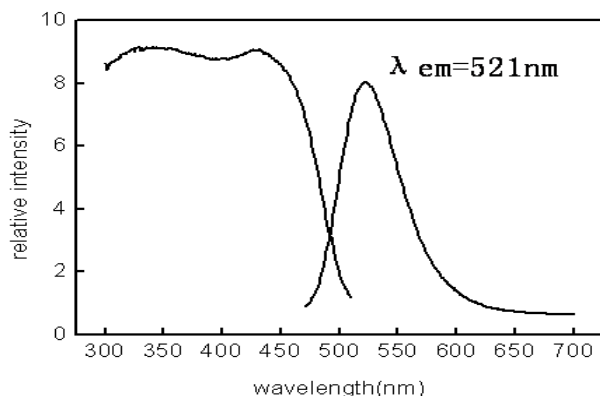
产品参数 Product Performance

型号	Model	LMS-2762
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.85
中心粒径(d50)	Particle Size (d50)	A型: 20±1 μm B型: 15±1 μm C型: 10±1 μm
色品坐标	Color Coordinate	x=0.282 , y=0.638
发射峰值波长(nm)	Emission Peak Wavelength(nm)	521
激发波长(nm)	Excitation Wavelength(nm)	360-480

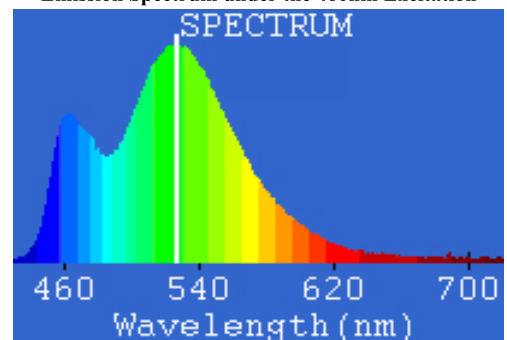
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发光性能 Luminescent Property

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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LMS-3560 型LED绿色荧光粉



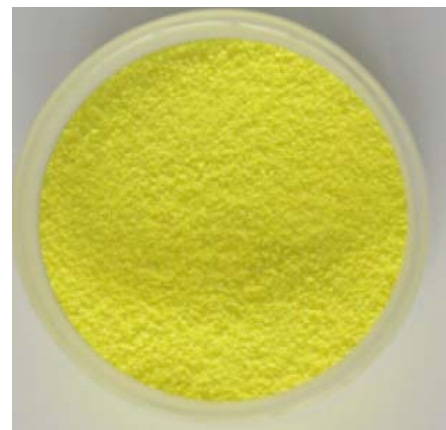
路明LED荧光粉

LMS-3560 LED Green Phosphor

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(360-480nm)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-3560 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 480 nm.
- ▶ LMS-3560 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

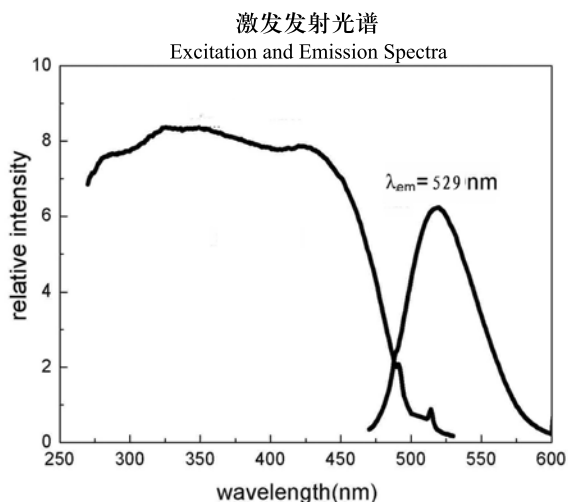
Product Performance

型号	Model	LMS-3560
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.87
中心粒径(d50)	Particle Size (d50)	A型: 20±1 μm B型: 15±1 μm C型: 10±1 μm
色品坐标	Color Coordinate	x=0.350 , y=0.606
发射峰值波长(nm)	Emission Peak Wavelength(nm)	529
激发波长(nm)	Excitation Wavelength(nm)	360-480

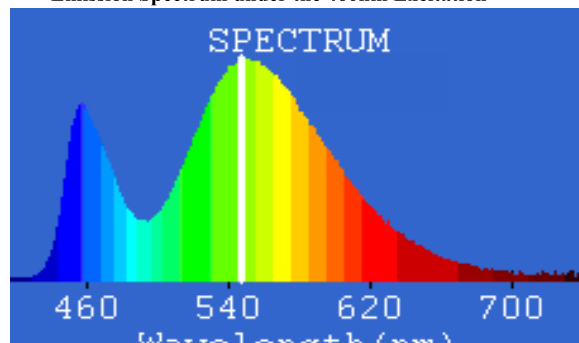
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发光性能

Luminescent Property



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



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LMS-3957 型LED黄色荧光粉



路明LED荧光粉

LMS-3957 LED Yellow Phosphor

产品简介

Brief Introduction of Product

- 该产品的化学性能稳定、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(360-480nm)有效激发，可用于紫光及蓝光芯片的封装。
- 可以单用于白光LED的封装，也可与路明其它黄色硅酸盐或铝酸盐荧光粉混合使用于较好显色指数白光LED的封装。
- LMS-3957 is yellow 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-3957 can be used for white LED, and also be used to fabricate good color rendering white LED by mixing with other yellow silicate or aluminate phosphors.



产品参数

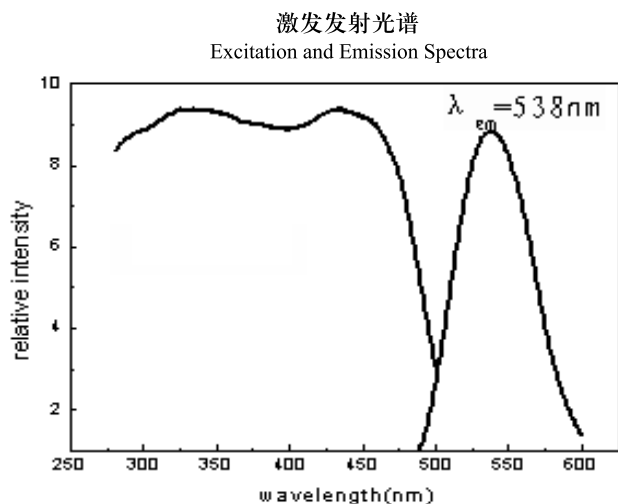
Product Performance

型号	Model	LMS-3957
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.78
中心粒径(d50)	Particle Size (d50)	A型: 20±1 μm B型: 15±1 μm C型: 10±1 μm
色品坐标	Color Coordinate	x=0.395, y=0.575
发射峰值波长(nm)	Emission Peak Wavelength(nm)	538
激发波长(nm)	Excitation Wavelength(nm)	360-480

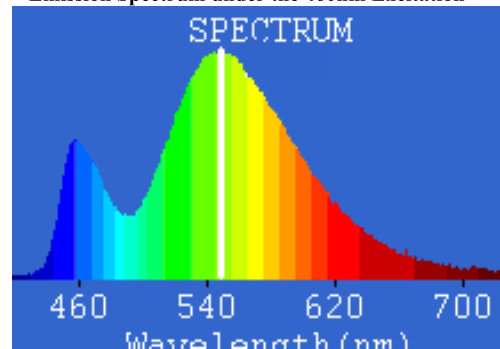
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发光性能

Luminescent Property



460nm蓝光激发的光谱
Emission Spectrum under the 460nm Excitation



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LMS-4056型LED黄色荧光粉

LMS-4056 LED Yellow Phosphor

产品简介

Brief Introduction of Product

- 该产品的化学性能稳定、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(360-480nm)有效激发，可用于紫光及蓝光芯片的封装。
- 可以单用于白光LED的封装，也可与路明其它黄色硅酸盐或铝酸盐荧光粉混合使用于较好显色指数白光LED的封装。
- LMS-4056 is yellow 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-4056 can be used for white LED, and also be used to fabricate good color rendering white LED by mixing with other yellow silicate or aluminate phosphors.



产品参数

Product Performance

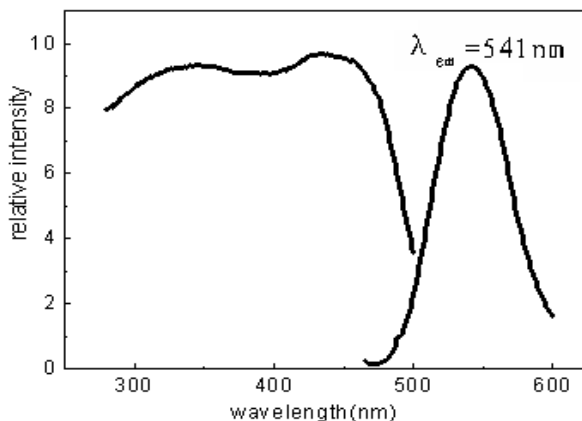
型号	Model	LMS-4056
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.74
中心粒径(d50)	Particle Size (d50)	A型: 20±1 μm B型: 15±1 μm C型: 10±1 μm
色品坐标	Color Coordinate	x=0.405, y=0.568
发射峰值波长(nm)	Emission Peak Wavelength(nm)	541
激发波长(nm)	Excitation Wavelength(nm)	360-480

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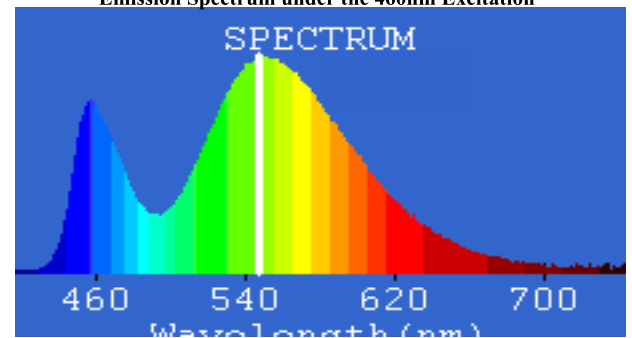
发光性能

Luminescent Property

激发发射光谱
Excitation and Emission Spectra



460nm蓝光激发的光谱
Emission Spectrum under the 460nm Excitation



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LMS-4254 型LED黄色荧光粉



路明LED荧光粉

LMS-4254 LED Yellow Phosphor

产品简介

Brief Introduction of Product

- 该产品的化学性能稳定、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(360-480nm)有效激发，可用于紫光及蓝光芯片的封装。
- 可以单用于白光LED的封装，也可与路明其它黄色硅酸盐或铝酸盐荧光粉混合使用于较好显色指数白光LED的封装。
- LMS-4254 is yellow 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-4254 can be used for white LED, and also be used to fabricate good color rendering white LED by mixing with other yellow silicate or aluminate phosphors.



产品参数

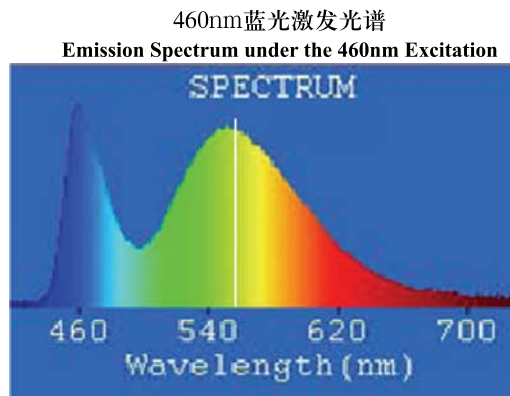
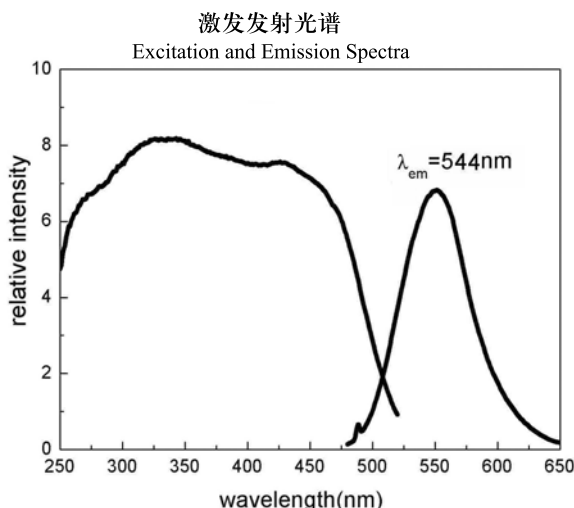
Product Performance

型号	Model	LMS-4254
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.68
中心粒径(d50)	Particle Size (d50)	A型: 20±1 μm B型: 15±1 μm C型: 10±1 μm
色品坐标	Color Coordinate	x=0.425, y=0.545
发射峰值波长(nm)	Emission Peak Wavelength(nm)	544
激发波长(nm)	Excitation Wavelength(nm)	360-480

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发光性能

Luminescent Property



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LMS-4453型LED黄色荧光粉

LMS-4453 LED Yellow Phosphor

产品简介

Brief Introduction of Product

- 该产品的化学性能稳定、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(360-480nm)有效激发，可用于紫光及蓝光芯片的封装。
- 可以单用于正白系列LED的封装，也可与路明其它黄色硅酸盐或铝酸盐荧光粉混合使用于较好显色指数白光LED的封装。
- LMS-4453 is yellow 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-4453 can be used for white LED, and also be used to fabricate good color rendering white LED by mixing with other yellow silicate or aluminate phosphors.



产品参数

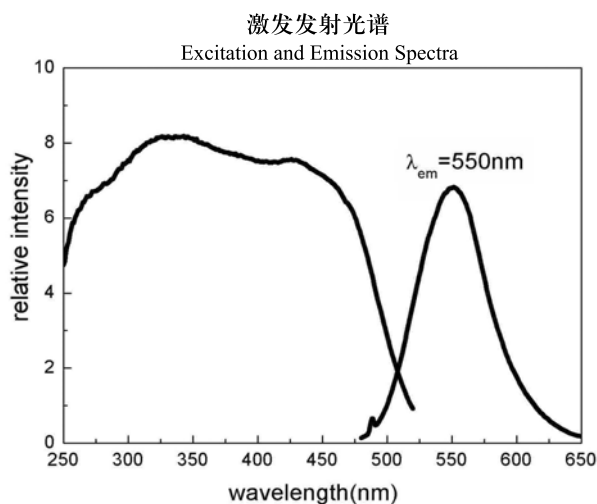
Product Performance

型号	Model	LMS-4453
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.56
中心粒径(d50)	Particle Size (d50)	A型: 20±1 μm B型: 15±1 μm C型: 10±1 μm
色品坐标	Color Coordinate	x=0.443, y=0.534
发射峰值波长(nm)	Emission Peak Wavelength(nm)	550
激发波长(nm)	Excitation Wavelength(nm)	360-480

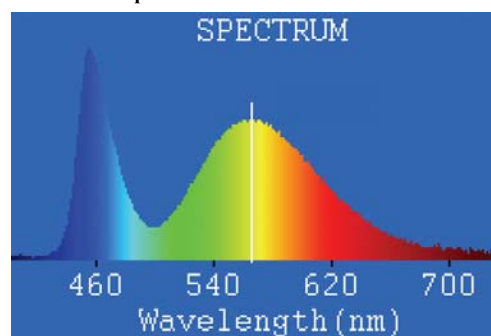
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发光性能

Luminescent Property



460nm蓝光激发的光谱
Emission Spectrum under the 460nm Excitation



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LMS-4949型LED黄色荧光粉



路明LED荧光粉

LMS-4949 LED Yellow Phosphor

产品简介

Brief Introduction of Product

- 该产品的化学性能稳定、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(360-480nm)有效激发，可用于紫光及蓝光芯片的封装。
- 可以单用于暖白光LED的封装，也可与路明其它黄色硅酸盐或铝酸盐荧光粉混合使用于较好显色指数白光LED的封装。
- LMS-4949 is yellow 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-4949 can be used for warm white LED, and also be used to fabricate good color rendering white LED by mixing with other yellow silicate or aluminate phosphors.



产品参数

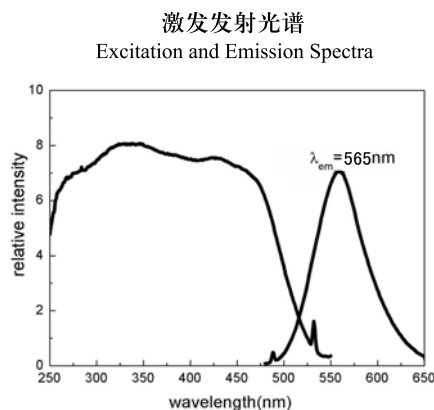
Product Performance

型号	Model	LMS-4949
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.35
中心粒径(d50)	Particle Size (d50)	A型: 20±1 μm B型: 15±1 μm C型: 10±1 μm
色品坐标	Color Coordinate	x=0.494, y=0.493
发射峰值波长(nm)	Emission Peak Wavelength(nm)	565
激发波长(nm)	Excitation Wavelength(nm)	360-480

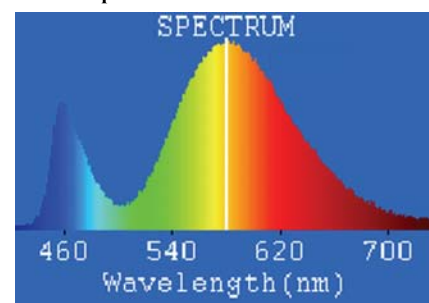
注：LMS系列的产品不耐酸碱及腐蚀性原料，所以在使用过程中避免与任何酸碱及具有腐蚀性原料接触

发光性能

Luminescent Property



460nm蓝光激发的光谱
Emission Spectrum under the 460nm Excitation



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LMS-5444 型LED橙色荧光粉

LMS-5444 LED Orange Phosphor

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。具有宽谱激发的性能，对芯片的波段选择性小，在 360-500nm 激发下，可实现高效橙色发光。
- ▶ 与路明LMS-2564绿粉混合封装高显色指数白光LED，也可与路明LMY系列荧光粉混合封装2500-3500K低色温LED。
- ▶ LMS-5444 is orange powder with good chemical stability, excellent aging resistance, high light conversion efficiency and good crystal light transmittance. It is a broad band phosphor with little choice for chip wavelength. It emits efficiently under the 360-500nm excitation range.
- ▶ LMS-5444 can be used for high color renderin index white LED by mixxing with LMS-2564, and also be used to fabricate low color temperature LED in the range of 2500-3500K by mixing with LMY series phosphors.



产品参数

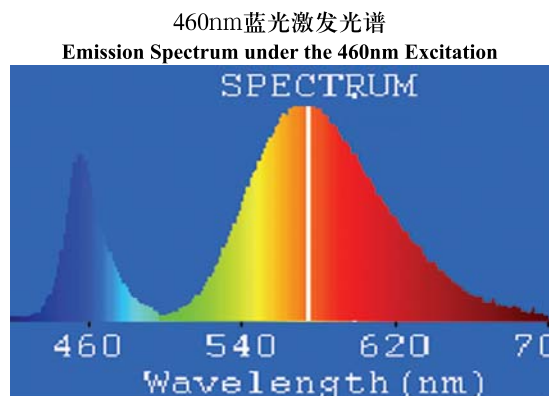
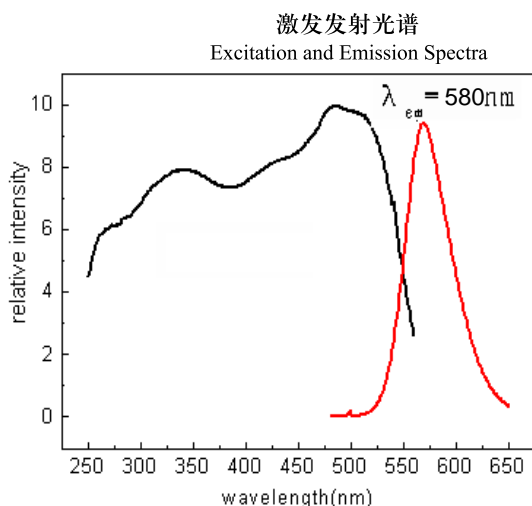
Product Performance

型号	Model	LMS-5444
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.73
中心粒径(d50)	Paticle Size (d50)	A型: 20±1 μm B型: 15±1 μm C型: 10±1 μm
色品坐标	Color Coordinate	x=0.549 , y=0.448
发射峰值波长(nm)	Emission Peak Wavelength(nm)	580
激发波长(nm)	Excitation Wavelength(nm)	360-500

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



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LMS-5445 型LED橙色荧光粉

LMS-5445 LED Orange Phosphor

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。具有宽谱激发的性能，对芯片的波段选择性小，在 360-500nm 激发下，可实现高效橙色发光。
- ▶ 与路明LMS-2564绿粉混合封装高显色指数白光LED，也可与路明LMY系列荧光粉混合封装2500-3500K低色温LED。
- ▶ LMS-5445 is orange powder with good chemical stability, excellent aging resistance, high light conversion efficiency and good crystal light transmittance. It is a broad band phosphor with little choice for chip wavelength. It emits efficiently under the 360-500 nm excitation range.
- ▶ LMS-5445 can be used for high color renderin index white LED by mixxing with LMS-2564, and also be used to fabricate low color temperature LED in the range of 2500-3500K by mixing with LMY series phosphors.



产品参数

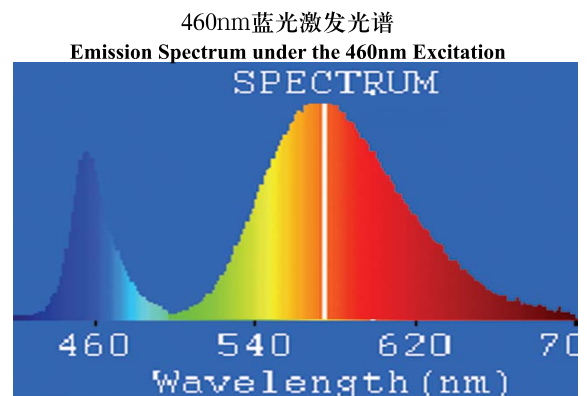
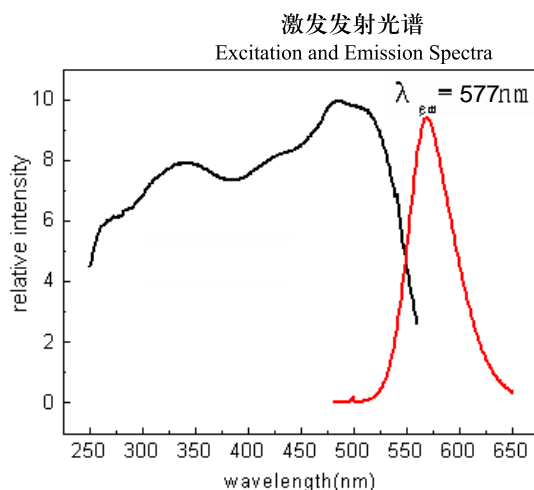
Product Performance

型号	Model	LMS-5445
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.78
中心粒径(d50)	Paticle Size (d50)	A型: 20±1 μm B型: 15±1 μm C型: 10±1 μm
色品坐标	Color Coordinate	x=0.542 , y=0.456
发射峰值波长(nm)	Emission Peak Wavelength(nm)	577
激发波长(nm)	Excitation Wavelength(nm)	360-500

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



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LMS-5544 型LED橙色荧光粉

LMS-5544 LED Orange Phosphor

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。具有宽谱激发的性能，对芯片的波段选择性小，在 360-500nm 激发下，可实现高效橙色发光。
- ▶ 与路明LMS-2564绿粉混合封装高显色指数白光LED，也可与路明LMY系列荧光粉混合封装2500-3500K低色温LED。
- ▶ LMS-5544 is orange powder with good chemical stability, excellent aging resistance, high light conversion efficiency and good crystal light transmittance. It is a broad band phosphor with little choice for chip wavelength. It emits efficiently under the 360-500nm excitation range.
- ▶ LMS-5544 can be used for high color rendering index white LED by mixing with LMS-2564, and also be used to fabricate low color temperature LED in the range of 2500-3500K by mixing with LMY series phosphors.



产品参数

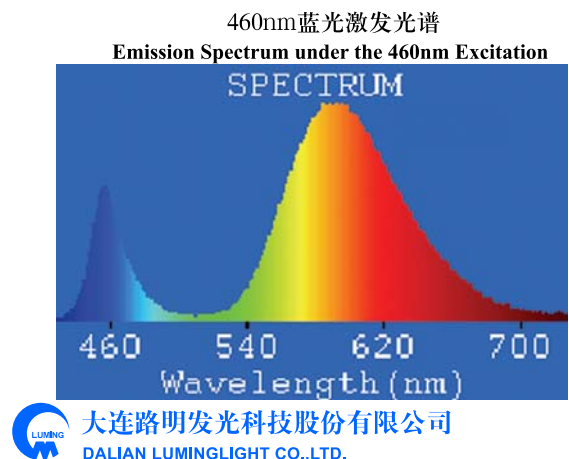
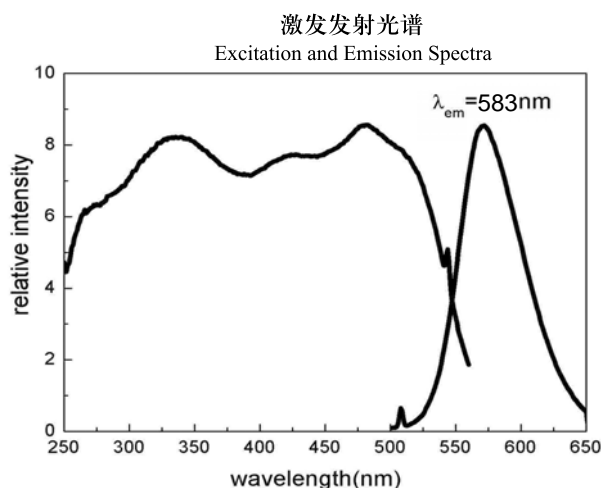
Product Performance

型号	Model	LMS-5544
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.7
中心粒径(d50)	Particle Size (d50)	A型: 20±1 μm B型: 15±1 μm C型: 10±1 μm
色品坐标	Color Coordinate	x=0.558 , y=0.440
发射峰值波长(nm)	Emission Peak Wavelength(nm)	583
激发波长(nm)	Excitation Wavelength(nm)	360-500

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



LMS-5742 型LED橙色荧光粉

LMS-5742 LED Orange Phosphor

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。具有宽谱激发的性能，对芯片的波段选择性小，在 360-500nm 激发下，可实现高效橙色发光。
- ▶ 与路明LMS-2564绿粉混合封装高显色指数白光LED，也可与路明LMY系列荧光粉混合封装2500-3500K低色温LED。
- ▶ LMS-5742 is orange powder with good chemical stability, excellent aging resistance, high light conversion efficiency and good crystal light transmittance. It is a broad band phosphor with little choice for chip wavelength. It emits efficiently under the 360-500nm excitation range.
- ▶ LMS-5742 can be used for high color rendering index white LED by mixing with LMS-2564, and also be used to fabricate low color temperature LED in the range of 2500-3500K by mixing with LMY series phosphors.



产品参数

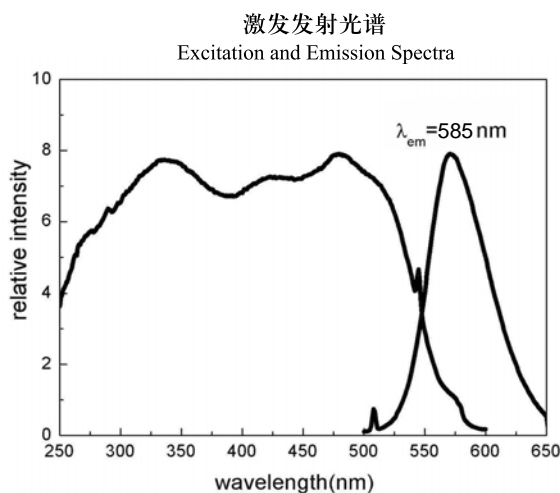
Product Performance

型号	Model	LMS-5742
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.78
中心粒径(d50)	Particle Size (d50)	A型: 20±1 μm B型: 15±1 μm C型: 10±1 μm
色品坐标	Color Coordinate	x=0.575 , y=0.423
发射峰值波长(nm)	Emission Peak Wavelength(nm)	585
激发波长(nm)	Excitation Wavelength(nm)	360-500

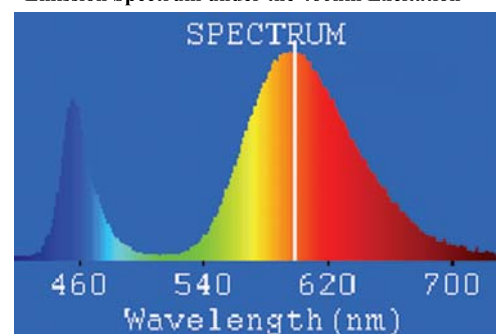
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发光性能

Luminescent Property



460nm蓝光激发的光谱
Emission Spectrum under the 460nm Excitation



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LMS-5841型LED橙色荧光粉

LMS-5841 LED Orange Phosphor

产品简介

Brief Introduction of Product

- 该产品的化学性能稳定、耐老化性能优异、光转化效率高，结晶体透光性好。具有宽谱激发的性能，对芯片的波段选择性小，在360-500nm激发下，可实现高效橙色发光。
- 与路明LMS-2564绿粉混合封装高显色指数白光LED，也可与路明LMY系列荧光粉混合封装2500-3500K低色温LED。
- LMS-5841 is orange powder with good chemical stability, excellent aging resistance, high light conversion efficiency and good crystal light transmittance. It is a broad band phosphor with little choice for chip wavelength. It emits efficiently under the 360-500nm excitation range.
- LMS-5841 can be used for high color rendering index white LED by mixing with LMS-2564, and also be used to fabricate low color temperature LED in the range of 2500-3500K by mixing with LMY series phosphors.



产品参数

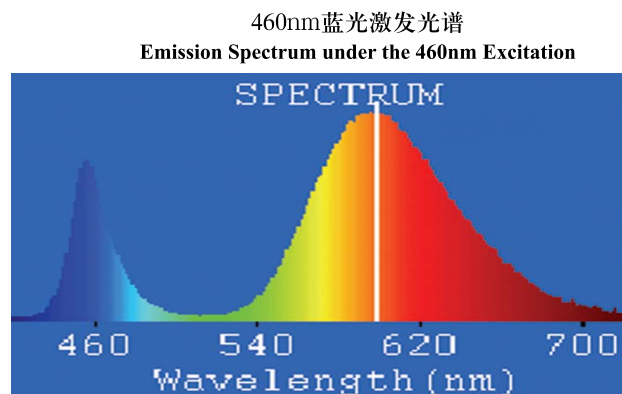
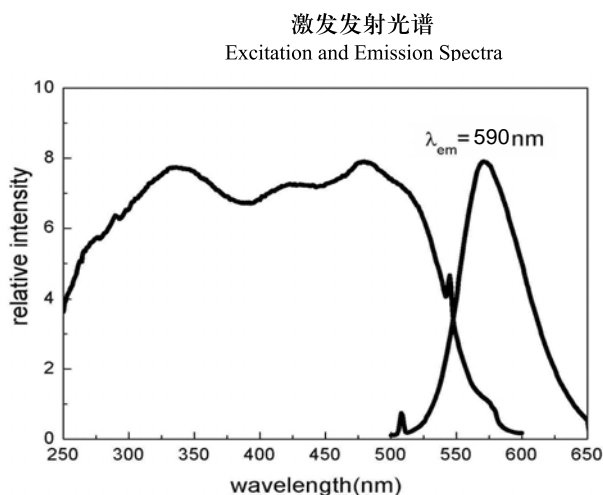
Product Performance

型号	Model	LMS- 5841
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.78
中心粒径(d50)	Particle Size (d50)	A型: 20±1 μm B型: 15±1 μm C型: 10±1 μm
色品坐标	Color Coordinate	x=0.587 , y=0.412
发射峰值波长(nm)	Emission Peak Wavelength(nm)	590
激发波长(nm)	Excitation Wavelength(nm)	360-500

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



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LMS-5940 型LED橙色荧光粉



路明LED荧光粉

LMS-5940 LED Orange Phosphor

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。具有宽谱激发的性能，对芯片的波段选择性小，在 360-500nm 激发下，可实现高效橙色发光。
- ▶ 与路明LMS-2564绿粉混合封装高显色指数白光LED，也可与路明LMY系列荧光粉混合封装2500-3500K低色温LED。
- ▶ LMS-5940 is orange powder with good chemical stability, excellent aging resistance, high light conversion efficiency and good crystal light transmittance. It is a broad band phosphor with little choice for chip wavelength. It emits efficiently under the 360-500nm excitation range.
- ▶ LMS-5940 can be used for high color rendering index white LED by mixing with LMS-2564 and also be used to fabricate low color temperature LED in the range of 2500-3500K by mixing with LMY series phosphors.



产品参数

Product Performance

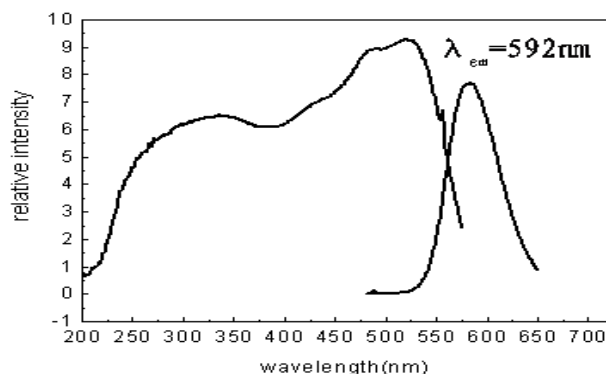
型号	Model	LMS-5940
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.78
中心粒径(d50)	Particle Size (d50)	A型: 20±1 μm B型: 15±1 μm C型: 10±1 μm
色品坐标	Color Coordinate	x=0.593 , y=0.406
发射峰值波长(nm)	Emission Peak Wavelength(nm)	592
激发波长(nm)	Excitation Wavelength(nm)	360-500

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

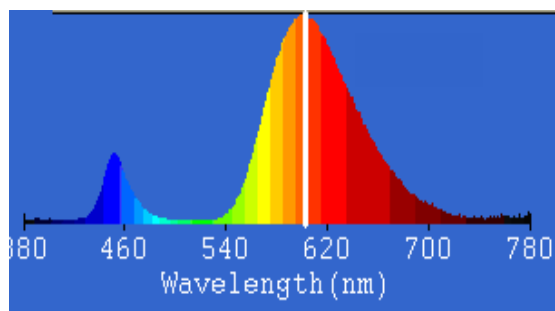
发光性能

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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