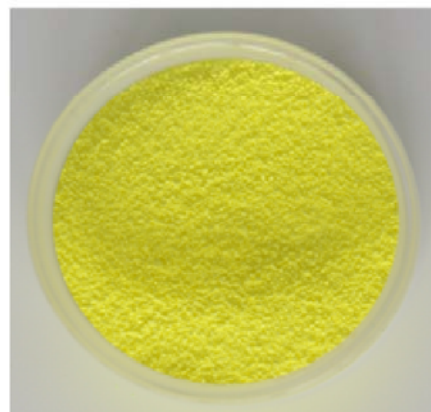


LMY-3457 LED Green Phosphor

产品简介

Brief Introduction of Product

- 该产品化学性能稳定、光转化效率高。可被蓝光(440-470nm)有效激发，用于冷白LED的封装，可用于白光光源，显示背光源，照明，灯饰以及信号指示灯等。
- 可与路明LMS-5742或LMS-5841橙色荧光粉混合封装低色温LED。
- 可与路明LAM-R系列荧光粉混合封装高显色LED。
- LMY-3457 is green powder with good chemical stability and high light conversion efficiency. It can be adopted for cold white LED with blue LED chips with wavelength ranging from 440 to 470nm. The LEDs have applications in display backlight, lighting, light decoration and signal indication etc.
- LMY-3457 can be used to fabricate low color temperature LEDs by mixing with LMS-5742 or LMS-5841 orange phosphors.
- LMY-3457 can be used to fabricate high color rendering LEDs by mixing with LAM-R series phosphors.



产品参数

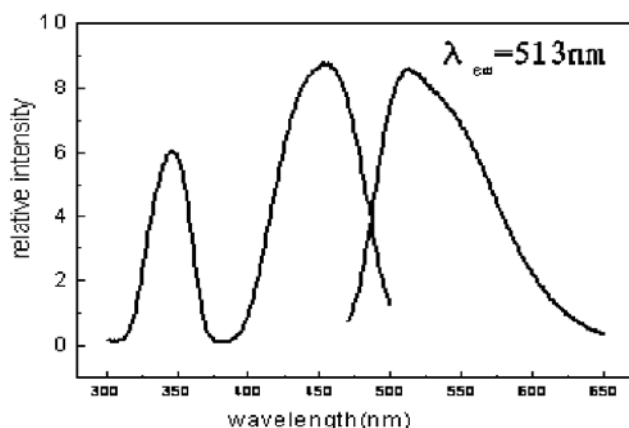
Product Performance

型号	Model	LMY-3457
比重(g/cm ³)	Specific Gravity(g/cm ³)	6.8
中心粒径(d50)	Particle Size (d50)	C型: 10±1 μm B型: 15±1 μm
色品坐标	Color Coordinate	x=0.341, y=0.575
发射峰值波长(nm)	Emission Peak Wavelength(nm)	513
激发波长(nm)	Excitation Wavelength(nm)	440-470

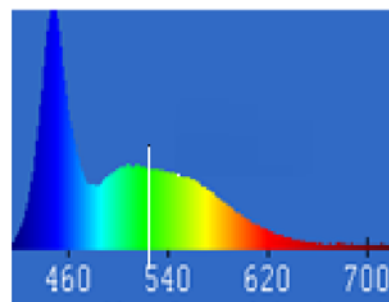
发光性能

Luminescent Property

激发发射光谱
Excitation and Emission Spectra



450nm蓝光激发光谱
Emission Spectrum under the 450nm Excitation



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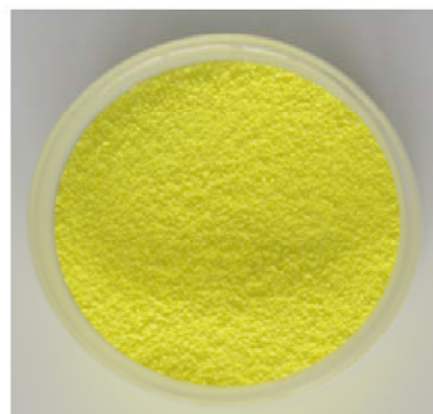
总部地址: 中国大连高新园区七贤岭产业化基地高能街1号路明科技大厦 邮编(P. C.): 116025
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LMY-3657 LED Special Green Phosphor

产品简介

Brief Introduction of Product

- 该产品化学性能稳定、光转化效率高。可被蓝光(440-470nm)有效激发，用于冷白LED的封装，可用于白光光源，显示背光源，照明，灯饰以及信号指示灯等。
- 可与路明LMS-5742或LMS-5841橙色荧光粉混合封装低色温LED。
- 可与路明LAM-R系列荧光粉混合封装高显色LED。
- LMY-3657 is green powder with good chemical stability and high light conversion efficiency. It can be adopted for cold white LED with blue LED chips with wavelength ranging from 440 to 470 nm. The LEDs have applications in display backlight, lighting, light decoration and signal indication etc.
- LMY-3657 can be used to fabricate low color temperature LEDs by mixing with LMS-5742 or LMS-5841 orange phosphors.
- LMY-3657 can be used to fabricate high color rendering LEDs by mixing with LAM-R series phosphors.



产品参数

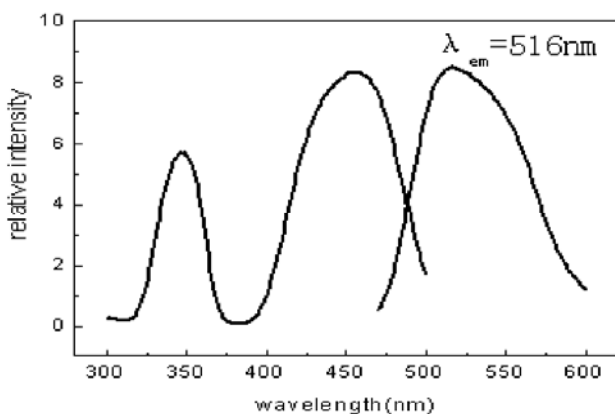
Product Performance

型号	Model	LMY-3657
比重(g/cm ³)	Specific Gravity(g/cm ³)	6.8
中心粒径(d50)	Particle Size (d50)	C型: 10±1 μm B型: 15±1 μm
色品坐标	Color Coordinate	x=0.362, y=0.574
发射峰值波长(nm)	Emission Peak Wavelength(nm)	516
激发波长(nm)	Excitation Wavelength(nm)	440-470

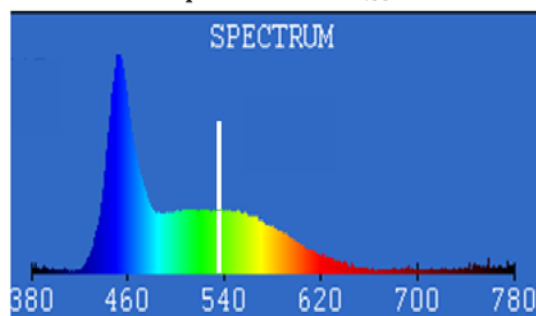
发光性能

Luminescent Property

激发发射光谱
Excitation and Emission Spectra



450nm蓝光激发光谱
Emission Spectrum under the 450 nm Excitation



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LMY-3857 LED Special Green Phosphor

产品简介

Brief Introduction of Product

- 该产品化学性能稳定、光转化效率高。可被蓝光(440-470nm)有效激发，用于冷白LED的封装，可用于白光光源，显示背光源，照明，灯饰以及信号指示灯等。
- 可与路明LMS-5742或LMS-5841橙色荧光粉混合封装低色温LED。
- 可与路明LAM-R系列荧光粉混合封装高显色LED。
- LMY-3857 is green powder with good chemical stability and high light conversion efficiency. It can be adopted for cold white LED with blue LED chips with wavelength ranging from 440 to 470 nm. The LEDs have applications in display backlight, lighting, light decoration and signal indication etc.
- LMY-3857 can be used to fabricate low color temperature LEDs by mixing with LMS-5742 or LMS-5841 orange phosphors.
- LMY-3857 can be used to fabricate high color rendering LEDs by mixing with LAM-R series phosphors.



产品参数

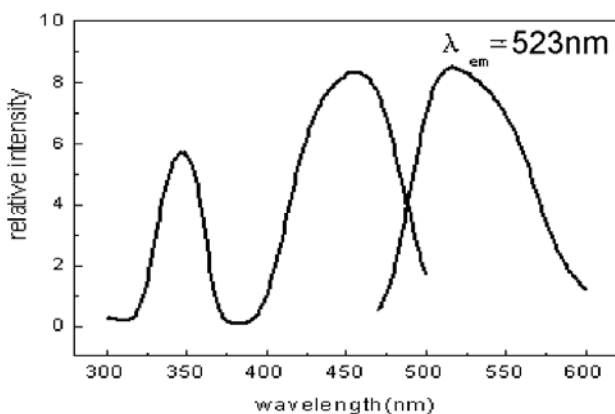
Product Performance

型号	Model	LMY-3857
比重(g/cm ³)	Specific Gravity(g/cm ³)	6.2
中心粒径(d50)	Particle Size (d50)	C型: 10±1 μm B型: 15±1 μm
色品坐标	Color Coordinate	x=0.382, Y=0.566
发射峰值波长(nm)	Emission Peak Wavelength(nm)	523
激发波长(nm)	Excitation Wavelength(nm)	440-470

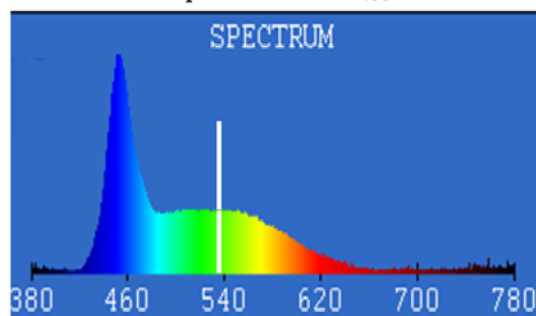
发光性能

Luminescent Property

激发发射光谱
Excitation and Emission Spectra



450nm蓝光激发光谱
Emission Spectrum under the 450 nm Excitation



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产品简介 Brief Introduction of Product

- 该产品化学性能稳定、光转化效率高。可被蓝光(440-470nm)有效激发，用于冷白LED的封装，可用于白光光源，显示背光源，照明，灯饰以及信号指示灯等。
- 可与路明LMS-5742或LMS-5841橙色荧光粉混合封装低色温LED。
- 可与路明LAM-R系列荧光粉混合封装高显色LED。
- LMY-3957 is yellow powder with good chemical stability and high light conversion efficiency. It can be adopted for cold white LED with blue LED chips with wavelength ranging from 440 to 470nm. The LEDs have applications in display backlight, lighting, light decoration and signal indication etc.
- LMY-3957 can be used to fabricate low color temperature LEDs by mixing with LMS-5742 or LMS-5841 orange phosphors.
- LMY-3957 can be used to fabricate high color rendering LEDs by mixing with LAM-R series phosphors.

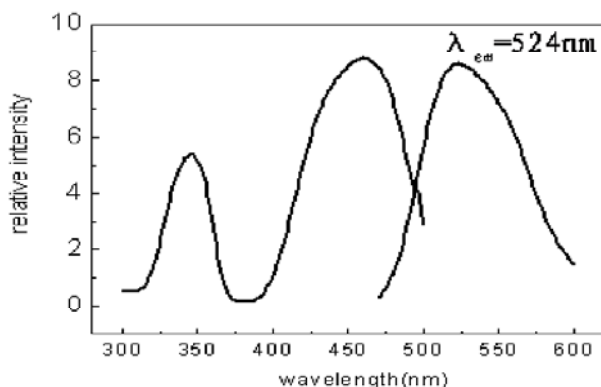


产品参数 Product Performance

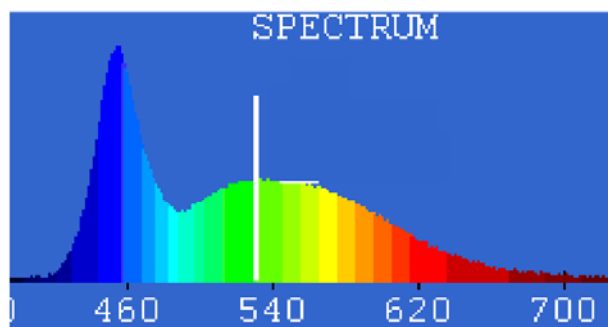
型号	Model	LMY-3957
比重(g/cm ³)	Specific Gravity(g/cm ³)	6.2
中心粒径(d50)	Particle Size (d50)	C型: 10±1 μm B型: 15±1 μm
色品坐标	Color Coordinate	x=0.390, y=0.565
发射峰值波长(nm)	Emission Peak Wavelength(nm)	524
激发波长(nm)	Excitation Wavelength(nm)	440-470

发光性能 Luminescent Property

激发发射光谱
Excitation and Emission Spectra



450nm蓝光激发光谱
Emission Spectrum under the 460nm Excitation



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

LMY-4056型LED专用黄色荧光粉

LMY-4056 LED Special Yellow Phosphor

产品简介

Brief Introduction of Product

- 该产品的化学性能稳定、光转化效率高。可被蓝光(440-470nm)有效激发，用于冷白光LED的封装，可用于白光光源，显示背光源，照明，灯饰以及信号指示灯等。
- 可与路明LMS-5742或LMS-5841橙色荧光粉混合封装低色温LED。
- 可与路明LAM-R系列荧光粉混合封装高显色LED。
- LMY-4056 is yellow powder with good chemical stability and high light conversion efficiency. It can be adopted for cold white LED with blue LED chips with wavelength ranging from 440 to 470nm. The LEDs have applications in display backlight, lighting, light decoration and signal indication etc.
- LMY-4056 can be used to fabricate low color temperature LEDs by mixing with LMS-5742 or LMS-5841 orange phosphors.
- LMY-4056 can be used to fabricate high color rendering LEDs by mixing with LAM-R series phosphors.



产品参数

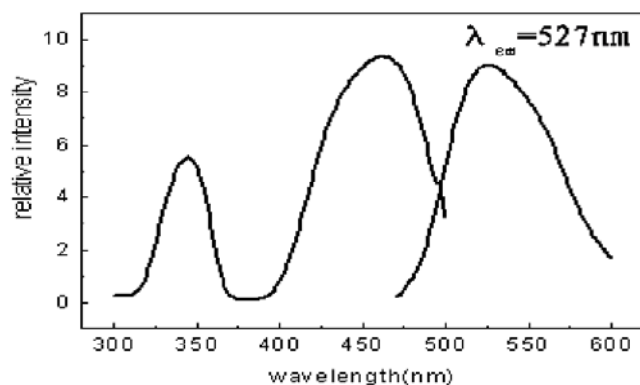
Product Performance

型号	Model	LMY-4056
比重(g/cm ³)	Specific Gravity(g/cm ³)	5.9
中心粒径(d50)	Particle Size (d50)	C型:10±1μm B型:15±1μm
色品坐标	Color Coordinate	x=0.401,y=0.560
发射峰值波长(nm)	Emission Peak Wavelength(nm)	527
激发波长(nm)	Excitation Wavelength(nm)	440-470

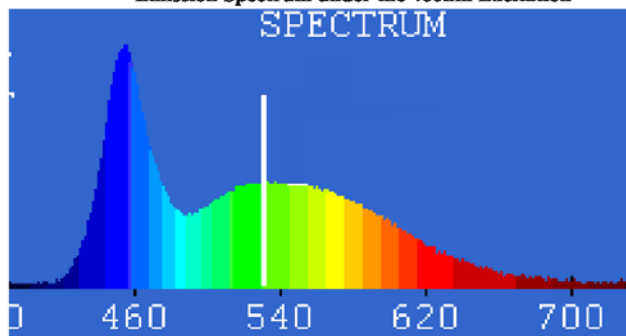
发光性能

Luminescent Property

激发发射光谱
Excitation and Emission Spectra



450nm蓝光激发的光谱
Emission Spectrum under the 460nm Excitation

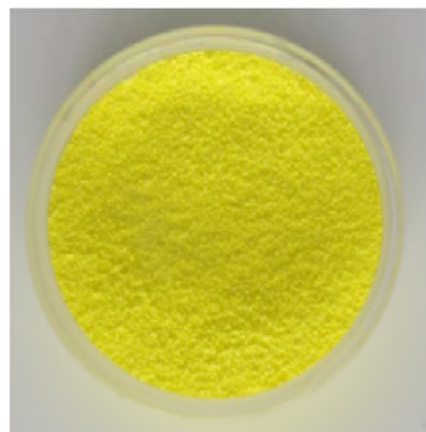


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网址http://www.luminglight.com 邮箱: xiawei@luminglight.cn

产品简介 Brief Introduction of Product

- 该产品化学性能稳定、光转化效率高。可被蓝光(450-470nm)有效激发，用于冷白LED的封装，可用于白光光源，显示背光源，照明，灯饰以及信号指示灯等。
- 可与路明LMS-5742或LMS-5841橙色荧光粉混合封装低色温LED。
- 可与路明LAM-R系列荧光粉混合封装高显色LED。
- LMY-4155 is yellow powder with good chemical stability and high light conversion efficiency. It can be adopted for cold white LED with blue LED chips with wavelength ranging from 450 to 470nm. The LEDs have applications in display backlight, lighting, light decoration and signal indication etc.
- LMY-4155 can be used to fabricate low color temperature LEDs by mixing with LMS-5742 or LMS-5841 orange phosphors.
- LMY-4155 can be used to fabricate high color rendering LEDs by mixing with LAM-R series phosphors.

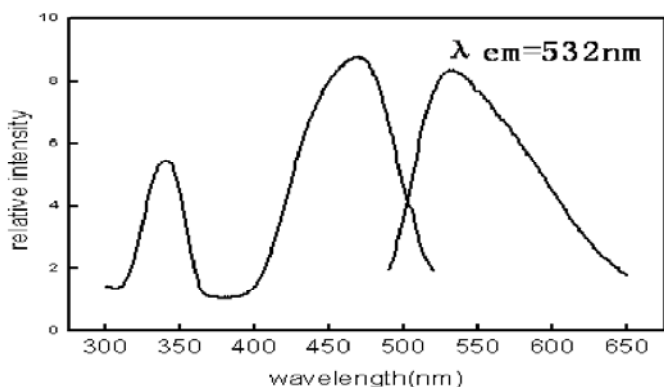


产品参数 Product Performance

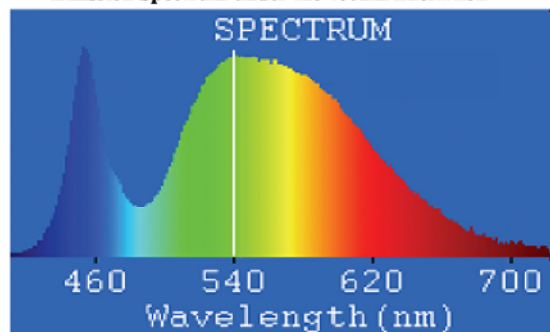
型号	Model	LMY-4155
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.3
中心粒径(d50)	Particle Size (d50)	C型:10±1μm CC型:5±1μm
色品坐标	Color Coordinate	x=0.416,y=0.554
发射峰值波长(nm)	Emission Peak Wavelength(nm)	532
激发波长(nm)	Excitation Wavelength(nm)	450-470

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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LMY-4255型LED专用黄色荧光粉

路明LED荧光粉

LMY-4255 LED Special Yellow Phosphor

产品简介

Brief Introduction of Product

- ▶ 该产品化学性能稳定、光转化效率高。可被蓝光(450-470nm)有效激发，用于冷白LED的封装，可用于白光光源，显示背光源，照明，灯饰以及信号指示灯等。
- ▶ 可与路明LMS-5742或LMS-5841橙色荧光粉混合封装低色温LED。
- ▶ 可与路明LAM-R系列荧光粉混合封装高显色LED。
- ▶ LMY-4255 is yellow powder with good chemical stability and high light conversion efficiency. It can be adopted for cold white LED with blue LED chips with wavelength ranging from 450 to 470nm. The LEDs have applications in display backlight, lighting, light decoration and signal indication etc.
- ▶ LMY-4255 can be used to fabricate low color temperature LEDs by mixing with LMS-5742 or LMS-5841 orange phosphors.
- ▶ LMY-4255 can be used to fabricate high color rendering LEDs by mixing with LAM-R series phosphors.



产品参数

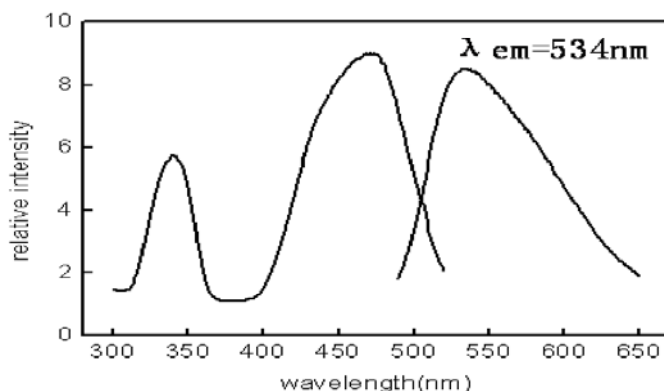
Product Performance

型号	Model	LMY-4255
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.3
中心粒径(d50)	Particle Size (d50)	C型:10±1μm CC型:5±1μm
色品坐标	Color Coordinate	x=0.426, y=0.548
发射峰值波长(nm)	Emission Peak Wavelength(nm)	534
激发波长(nm)	Excitation Wavelength(nm)	450-470

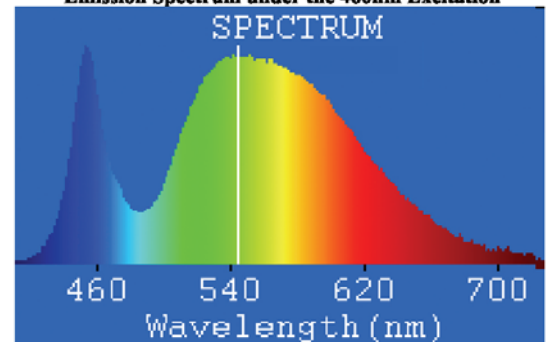
发光性能

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



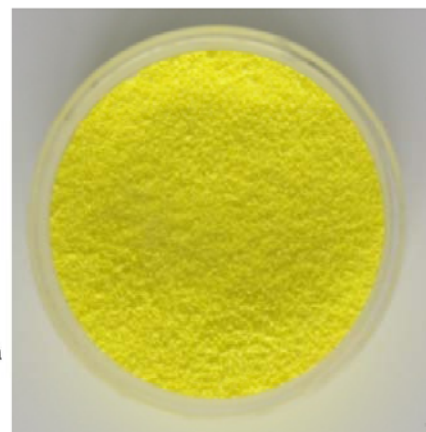
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LUMING PHOSPHOR FOR LED

产品简介 Brief Introduction of Product

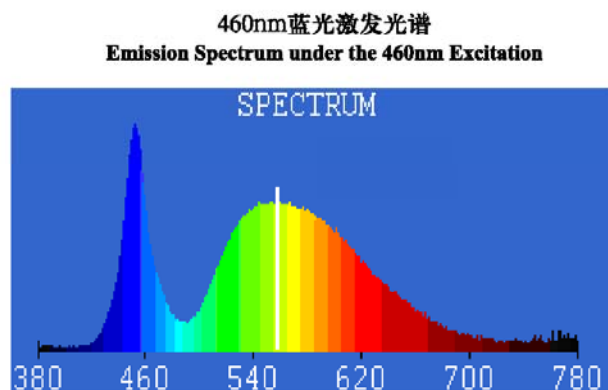
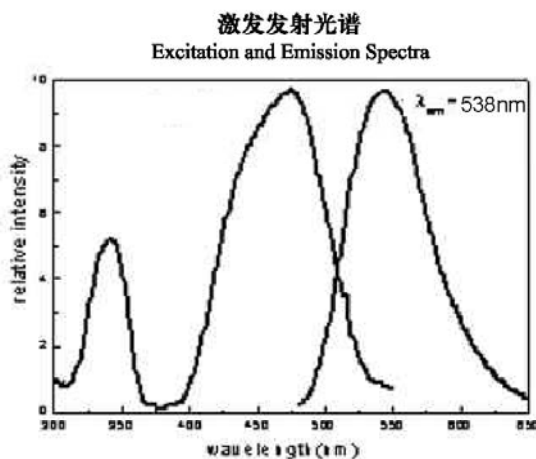
- ▶ 该产品是大功率封装专用黄色荧光粉，化学性能稳定，光转化效率高。可被蓝光(450-470nm)有效激发，用于正白LED的封装，可用于白光光源，显示背光源，照明，灯饰以及信号指示灯等。
- ▶ 可与路明LMS-5742或LMS-5841橙色荧光粉混合封装低色温LED。
- ▶ 可与路明LAM-R系列荧光粉混合封装大功率高显色LED。
- ▶ LMY-4354 is yellow powder for high-power LED with good chemical stability and high light conversion efficiency. It can be adopted for white LED with blue LED chips with wavelength ranging from 450 to 470 nm. The LEDs have applications in display backlight, lighting, light decoration and signal indication etc.
- ▶ LMY-4354 can be used to fabricate low color temperature high-power LEDs by mixing 5742 or LMS-5841 orange phosphors.
- ▶ LMY-4354 can be used to fabricate high color rendering high-power LEDs by mixing with LAM-R series phosphors.



产品参数 Product Performance

型号	Model	LMY-4354
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.7
中心粒径(d50)	Particle Size (d50)	B型;15±1 μm C型;10±1 μm
色品坐标	Color Coordinate	x=0.436,y=0.546
发射峰值波长(nm)	Emission Peak Wavelength(nm)	538
激发波长(nm)	Excitation Wavelength(nm)	450-470

发光性能 Luminescent Property



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LMY-4453型LED专用黄色荧光粉

路明LED荧光粉

LMY-4453 LED Special Yellow Phosphor

产品简介

Brief Introduction of Product

- ▶ 该产品化学性能稳定、光转化效率高。可被蓝光(450-470nm)有效激发,用于正白LED的封装,可用于白光光源,显示背光源,照明,灯饰以及信号指示灯等。
- ▶ 可与路明LMS-5742或LMS-5841橙色荧光粉混合封装低色温LED。
- ▶ 可与路明LAM-R系列荧光粉混合封装高显色LED。
- ▶ LMY-4453 is yellow powder with good chemical stability and high light conversion efficiency. It can be adopted for white LED with blue LED chips with wavelength ranging from 450 to 470nm. The LEDs have applications in display backlight, lighting, light decoration and signal indication etc.
- ▶ LMY-4453 can be used to fabricate low color temperature LEDs by mixing with LMS-5742 or LMS-5841 orange phosphors.
- ▶ LMY-4453 can be used to fabricate high color rendering LEDs by mixing with LAM-R series phosphors.



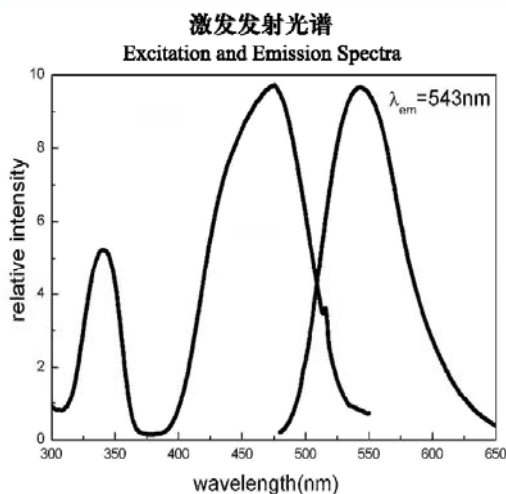
产品参数

Product Performance

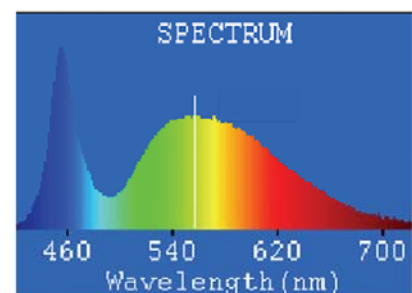
型号	Model	LMY-4453
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.34
中心粒径(d50)	Particle Size (d50)	C型:10±1μm CC型:5±1μm
色品坐标	Color Coordinate	x=0.446, y=0.533
发射峰值波长(nm)	Emission Peak Wavelength(nm)	543
激发波长(nm)	Excitation Wavelength(nm)	450-470

发光性能

Luminescent Property



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



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

LMY-4749型LED专用黄色荧光粉

路明LED荧光粉

LMY-4749 LED Special Yellow Phosphor

产品简介

Brief Introduction of Product

- ▶ 该产品化学性能稳定、光转化效率高。可被蓝光(450-470nm)有效激发，用于暖白LED的封装，可用于白光光源，显示背光源，照明，灯饰以及信号指示灯等。
- ▶ 可与路明LMS-5742或LMS-5841橙色荧光粉混合封装低色温LED。
- ▶ LMY-4749 is yellow powder with good chemical stability and high light conversion efficiency . It can be adopted for warm white LED with blue LED chips with wavelength ranging from 450 to 470nm. The LEDs have applications in display backlight, lighting, light decoration and signal indication etc.
- ▶ LMY-4749 can be used to fabricate low color temperature LEDs by mixing with LMS-5742 or LMS-5841 orange phosphors.



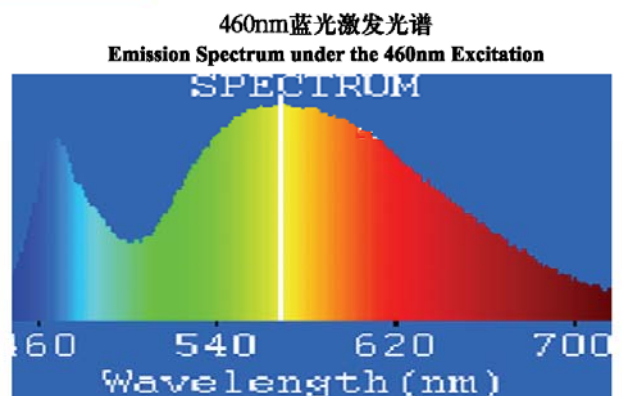
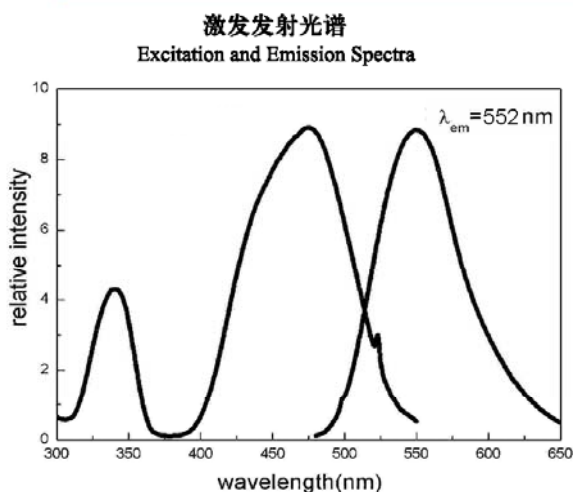
产品参数

Product Performance

型号	Model	LMY-4749
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.7
中心粒径(d50)	Particle Size (d50)	C型:10±1μm CC型:5±1μm
色品坐标	Color Coordinate	x=0.471 , y=0.493
发射峰值波长(nm)	Emission Peak Wavelength(nm)	552
激发波长(nm)	Excitation Wavelength(nm)	450-470

发光性能

Luminescent Property



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产品简介 Brief Introduction of Product

- 该产品化学性能稳定、光转化效率高。可被蓝光(450-470 nm)有效激发，用于暖白LED的封装，可用于白光光源，显示背光源，照明，灯饰以及信号指示灯等。
- 可与路明LMS-5742或LMS-5841橙色荧光粉混合封装低色温LED。
- LMY-4850 is yellow powder with good chemical stability and high light conversion efficiency. It can be adopted for warm white LED with blue LED chips with wavelength ranging from 450 to 470nm. The LEDs have applications in display backlight, lighting, light decoration and signal indication etc.
- LMY-4850 can be used to fabricate low color temperature LEDs by mixing with LMS-5742 or LMS-5841 orange phosphors.

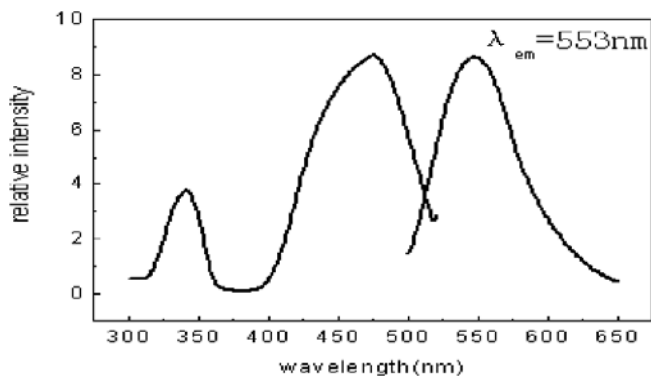


产品参数 Product Performance

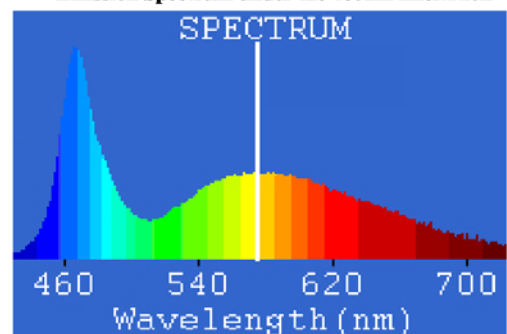
型号	Model	LMY-4850
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.8
中心粒径(d50)	Particle Size (d50)	C型:10±1μm CC型:5±1μm
色品坐标	Color Coordinate	x=0.486 y=0.504
发射峰值波长(nm)	Emission Peak Wavelength(nm)	553
激发波长(nm)	Excitation Wavelength(nm)	450-470

发光性能 Luminescent Property

激发发射光谱
Excitation and Emission Spectra



470nm蓝光激发光谱
Emission Spectrum under the 460nm Excitation



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LMY-4949型LED专用黄色荧光粉

路明LED荧光粉

LMY-4949 LED Special Yellow Phosphor

产品简介 Brief Introduction of Product

- ▶ 该产品化学性能稳定、光转化效率高。可被蓝光(450-470 nm)有效激发,用于暖白LED的封装,可用于白光光源,显示背光源,照明,灯饰以及信号指示灯等。
- ▶ 可与路明LMS-5742或LMS-5841橙色荧光粉混合封装低色温LED。
- ▶ LMY-4949 is yellow powder with good chemical stability and high light conversion efficiency. It can be adopted for warm white LED with blue LED chips with wavelength ranging from 450 to 470nm. The LEDs have applications in display backlight, lighting, light decoration and signal indication etc.
- ▶ LMY-4949 can be used to fabricate low color temperature LEDs by mixing with LMS-5742 or LMS-5841 orange phosphors.

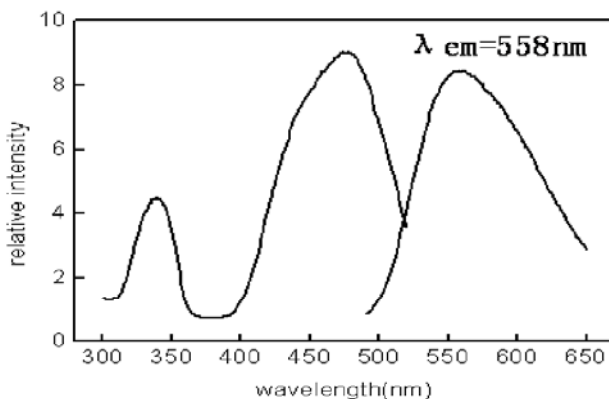


产品参数 Product Performance

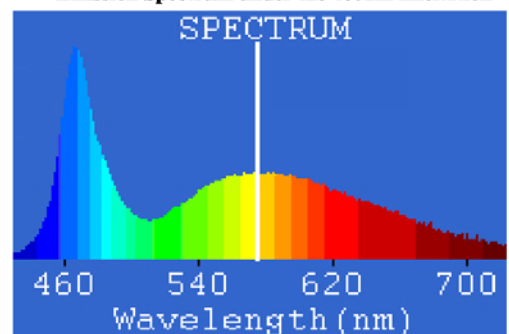
型号	Model	LMY-4949
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.8
中心粒径(d50)	Particle Size (d50)	C型:10±1μm CC型:5±1μm
色品坐标	Color Coordinate	x=0.498 y=0.493
发射峰值波长(nm)	Emission Peak Wavelength(nm)	558
激发波长(nm)	Excitation Wavelength(nm)	450-470

发光性能 Luminescent Property

激发发射光谱
Excitation and Emission Spectra



470nm蓝光激发的光谱
Emission Spectrum under the 460nm Excitation



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LMY-5049型LED专用黄色荧光粉

路明LED荧光粉

LMY-5049 LED Special Yellow Phosphor

产品简介

Brief Introduction of Product

- ▶ 该产品化学性能稳定、光转化效率高。可被蓝光(450-470 nm)有效激发,用于暖白LED的封装,可用于白光光源,显示背光源,照明,灯饰以及信号指示灯等。
- ▶ 可与路明LMS-5742或LMS-5841橙色荧光粉混合封装低色温LED。
- ▶ LMY-5049 is yellow powder with good chemical stability and high light conversion efficiency. It can be adopted for warm white LED with blue LED chips with wavelength ranging from 450 to 470nm. The LEDs have applications in display backlight, lighting, light decoration and signal indication etc.
- ▶ LMY-5049 can be used to fabricate low color temperature LEDs by mixing with LMS-5742 or LMS-5841 orange phosphors.



产品参数

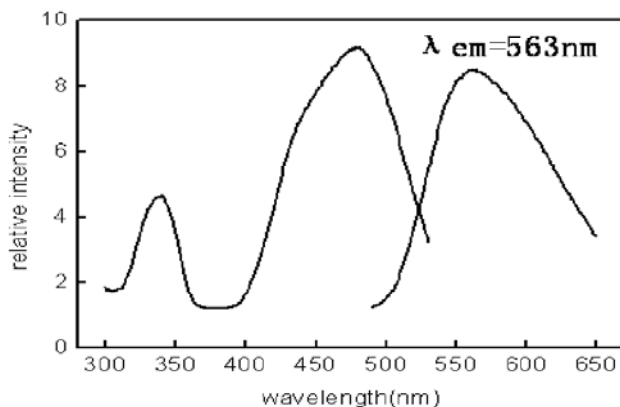
Product Performance

型号	Model	LMY-5049
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.8
中心粒径(d50)	Particle Size (d50)	C型:10±1μm CC型:5±1μm
色品坐标	Color Coordinate	x=0.502 y=0.489
发射峰值波长(nm)	Emission Peak Wavelength(nm)	563
激发波长(nm)	Excitation Wavelength(nm)	450-470

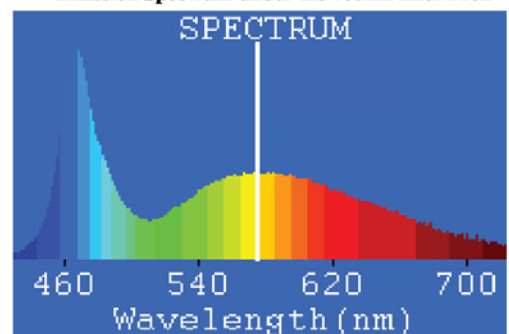
发光性能

Luminescent Property

激发发射光谱
Excitation and Emission Spectra



470nm蓝光激发的光谱
Emission Spectrum under the 460nm Excitation



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LMY-4255H型LED专用黄色荧光粉

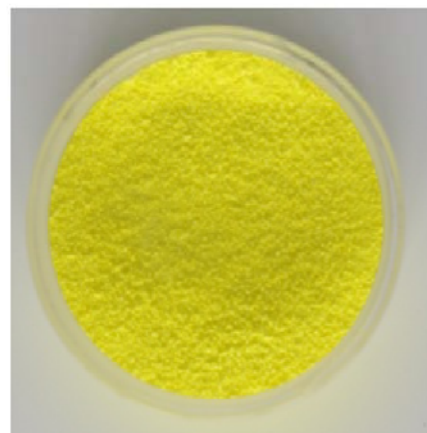
路明LED荧光粉

LMY-4255H LED Special Yellow Phosphor

产品简介

Brief Introduction of Product

- ▶ 该产品化学性能稳定、光转化效率高。可被蓝光(450-470nm)有效激发，用于冷白LED的封装，可用于白光光源，显示背光源，照明，灯饰以及信号指示灯等。
- ▶ 可与路明LMS-5742或LMS-5841橙色荧光粉混合封装低色温LED。
- ▶ 可与路明LAM-R系列荧光粉混合封装高显色LED。
- ▶ LMY-4255H is yellow powder with good chemical stability and high light conversion efficiency. It can be adopted for cold white LED with blue LED chips with wavelength ranging from 450 to 470nm. The LEDs have applications in display backlight, lighting, light decoration and signal indication etc.
- ▶ LMY-4255H can be used to fabricate low color temperature LEDs by mixing with LMS-5742 or LMS-5841 orange phosphors.
- ▶ LMY-4255H can be used to fabricate high color rendering LEDs by mixing with LAM-R series phosphors.



产品参数

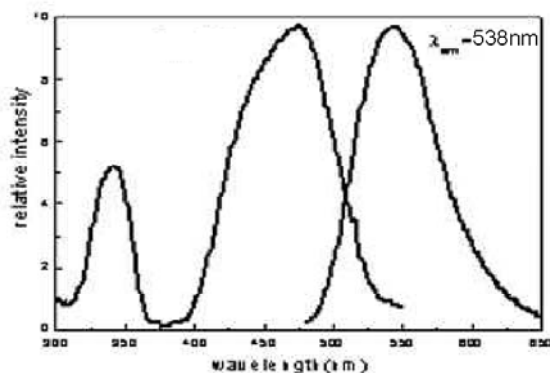
Product Performance

型号	Model	LMY-4255H
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.3
中心粒径(d50)	Particle Size (d50)	B型:15±1 μm C型:10±1 μm
色品坐标	Color Coordinate	x=0.425,y=0.551
发射峰值波长(nm)	Emission Peak Wavelength(nm)	538
激发波长(nm)	Excitation Wavelength(nm)	450-470

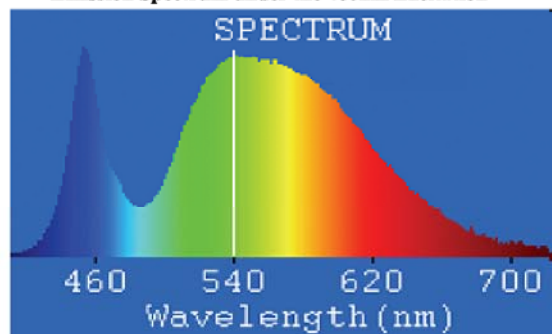
发光性能

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

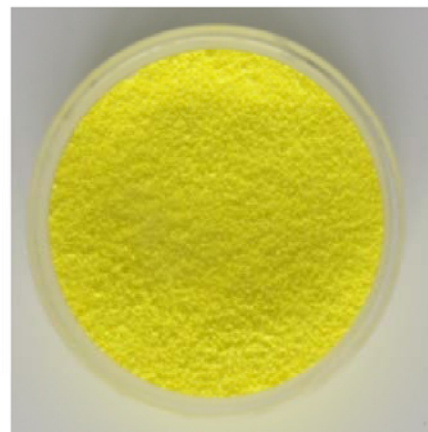


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产品简介 Brief Introduction of Product

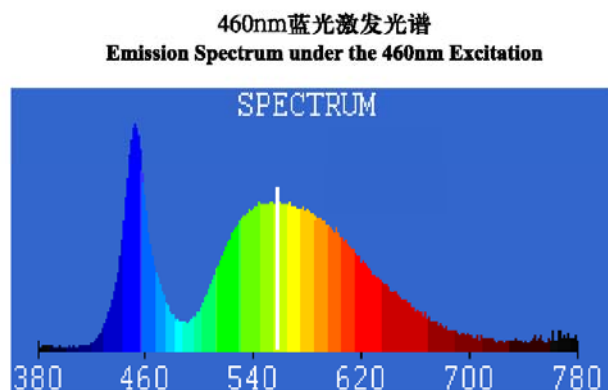
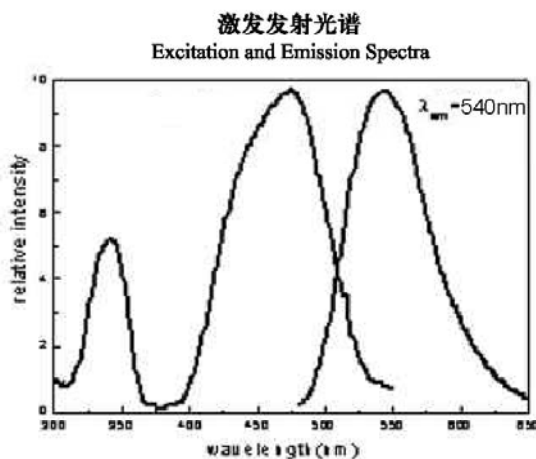
- ▶ 该产品是大功率封装专用黄色荧光粉，化学性能稳定，光转化效率高。可被蓝光(450-470nm)有效激发，用于正白LED的封装，可用于白光光源，显示背光源，照明，灯饰以及信号指示灯等。
- ▶ 可与路明LMS-5742或LMS-5841橙色荧光粉混合封装低色温LED。
- ▶ 可与路明LAM-R系列荧光粉混合封装大功率高显色LED。
- ▶ LMY-4354H is yellow powder for high-power LED with good chemical stability and high light conversion efficiency. It can be adopted for white LED with blue LED chips with wavelength ranging from 450 to 470nm. The LEDs have applications in display backlight, lighting, light decoration and signal indication etc.
- ▶ LMY-4354H can be used to fabricate low color temperature high-power LEDs by mixing 5742 or LMS-5841 orange phosphors.
- ▶ LMY-4354H can be used to fabricate high color rendering high-power LEDs by mixing with LAM-R series phosphors.



产品参数 Product Performance

型号	Model	LMY-4354H
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.7
中心粒径(d50)	Particle Size (d50)	B型;15±1 μm C型;10±1 μm
色品坐标	Color Coordinate	x=0.436,y=0.543
发射峰值波长(nm)	Emission Peak Wavelength(nm)	540
激发波长(nm)	Excitation Wavelength(nm)	450-470

发光性能 Luminescent Property



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产品简介 Brief Introduction of Product

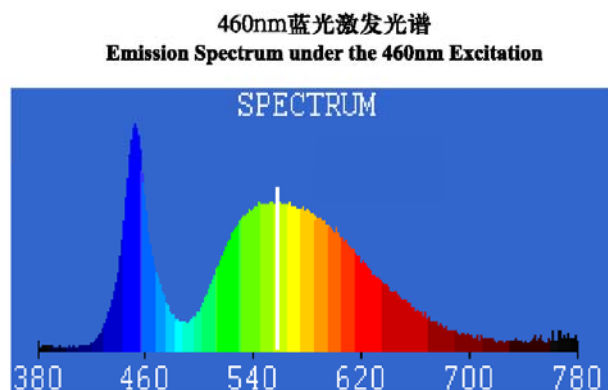
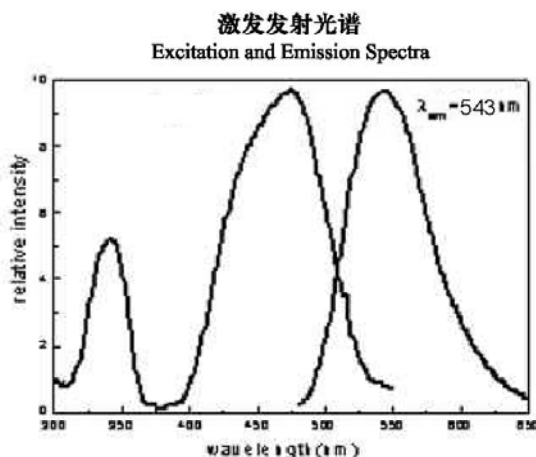
- ▶ 该产品是大功率封装专用黄色荧光粉，化学性能稳定，光转化效率高。可被蓝光(450-470nm)有效激发，用于正白LED的封装，可用于白光光源，显示背光源，照明，灯饰以及信号指示灯等。
- ▶ 可与路明LMS-5742或LMS-5841橙色荧光粉混合封装低色温LED。
- ▶ 可与路明LAM-R系列荧光粉混合封装大功率高显色LED。
- ▶ LMY-4453H is yellow powder for high-power LED with good chemical stability and high light conversion efficiency. It can be adopted for white LED with blue LED chips with wavelength ranging from 450 to 470nm. The LEDs have applications in display backlight, lighting, light decoration and signal indication etc.
- ▶ LMY-4453H can be used to fabricate low color temperature high-power LEDs by mixing 5742 or LMS-5841 orange phosphors.
- ▶ LMY-4453H can be used to fabricate high color rendering high-power LEDs by mixing with LAM-R series phosphors.



产品参数 Product Performance

型号	Model	LMY-4453H
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.7
中心粒径(d50)	Particle Size (d50)	B型;15±1 μm C型;10±1 μm
色品坐标	Color Coordinate	x=0.447 , y=0.535
发射峰值波长(nm)	Emission Peak Wavelength(nm)	543
激发波长(nm)	Excitation Wavelength(nm)	450-470

发光性能 Luminescent Property

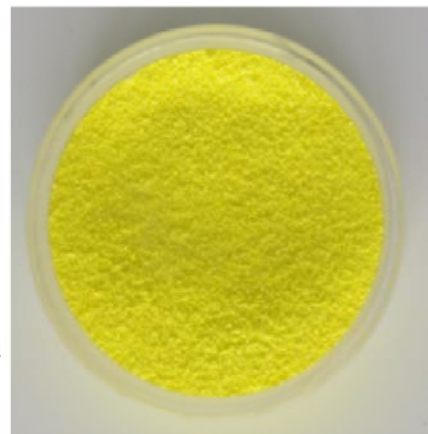


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产品简介 Brief Introduction of Product

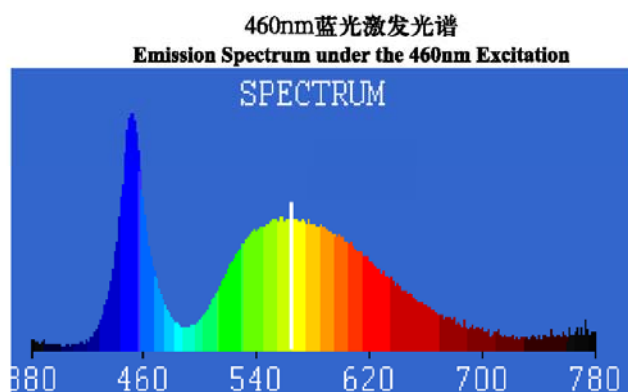
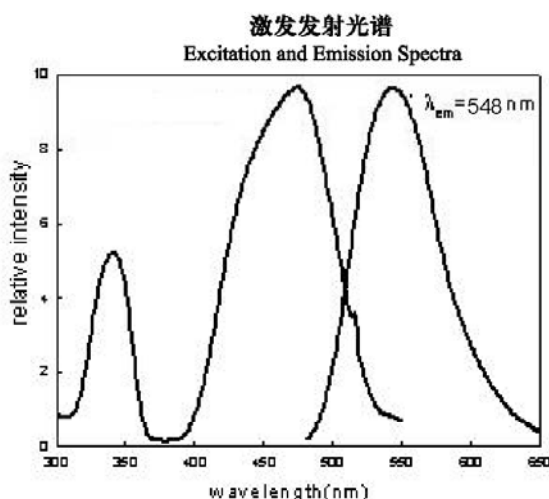
- ▶ 该产品是大功率封装专用黄色荧光粉，化学性能稳定，光转化效率高。可被蓝光(450-470nm)有效激发，用于正白LED的封装，可用于白光光源，显示背光源，照明，灯饰以及信号指示灯等。
- ▶ 可与路明LMS-5742或LMS-5841橙色荧光粉混合封装低色温LED。
- ▶ 可与路明LAM-R系列荧光粉混合封装大功率高显色LED。
- ▶ LMY-4652H is yellow powder for high-power LED with good chemical stability and high light conversion efficiency. It can be adopted for white LED with blue LED chips with wavelength ranging from 450 to 470nm. The LEDs have applications in display backlight, lighting, light decoration and signal indication etc.
- ▶ LMY-4652H can be used to fabricate low color temperature high-power LEDs by mixing 5742 or LMS-5841 orange phosphors.
- ▶ LMY-4652H can be used to fabricate high color rendering high-power LEDs by mixing with LAM-R series phosphors.



产品参数 Product Performance

型号	Model	LMY-4652H
比重(g/cm ³)	Specific Gravity(g/cm ³)	4.75
中心粒径(d50)	Particle Size (d50)	B型:15±1 μm C型:10±1 μm
色品坐标	Color Coordinate	x=0.462 , y=0.523
发射峰值波长(nm)	Emission Peak Wavelength(nm)	548
激发波长(nm)	Excitation Wavelength(nm)	450-470

发光性能 Luminescent Property

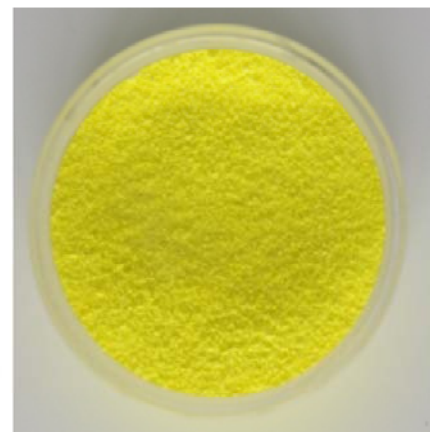


大连路明发光科技股份有限公司
DALIAN LUMINGLIGHT CO.,LTD.

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产品简介 Brief Introduction of Product

- > 该产品是SMD 封装专用黄色荧光粉，化学性能稳定，光转化效率高。可被蓝光(450-470nm)有效激发，用于正白LED的封装，可用于白光光源，显示背光源，照明，灯饰以及信号指示灯等。
- > 可与路明LMS-5742或LMS-5841橙色荧光粉混合封装低色温LED。
- > 可与路明LAM-R系列荧光粉混合封装 SMD 高显色LED。
- > LMY-4453SH is yellow powder for SMD LED with good chemical stability and high light conversion efficiency. It can be adopted for white LED with blue LED chips with wavelength ranging from 450 to 470nm. The LEDs have applications in display backlight, lighting, light decoration and signal indication etc.
- > LMY-4453SH can be used to fabricate low color temperature SMD LEDs by mixing 5742 or LMS-5841 orange phosphors.
- > LMY-4453SH can be used to fabricate high color rendering SMD LEDs by mixing with LAM-R series phosphors.

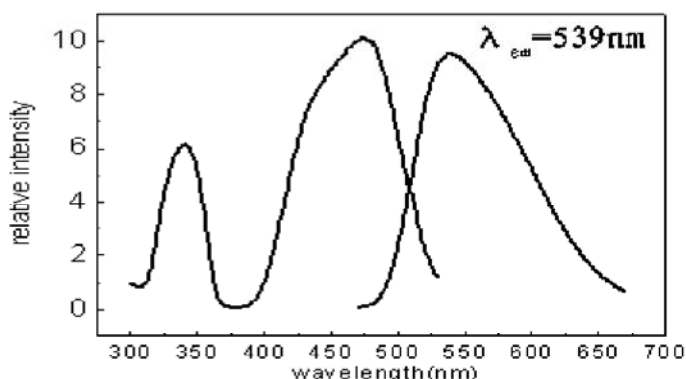


产品参数 Product Performance

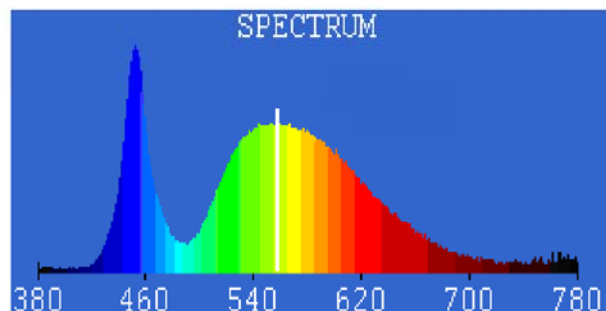
型号	Model	LMY-4453SH
比重(g/cm³)	Specific Gravity(g/cm³)	4.7
中心粒径(d50)	Paticle Size (d50)	B型;15±1 μm C型;10±1 μm
色品坐标	Color Coordinate	x=0.437,y=0.542
发射峰值波长(nm)	Emission Peak Wavelength(nm)	539
激发波长(nm)	Excitation Wavelength(nm)	450-470

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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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