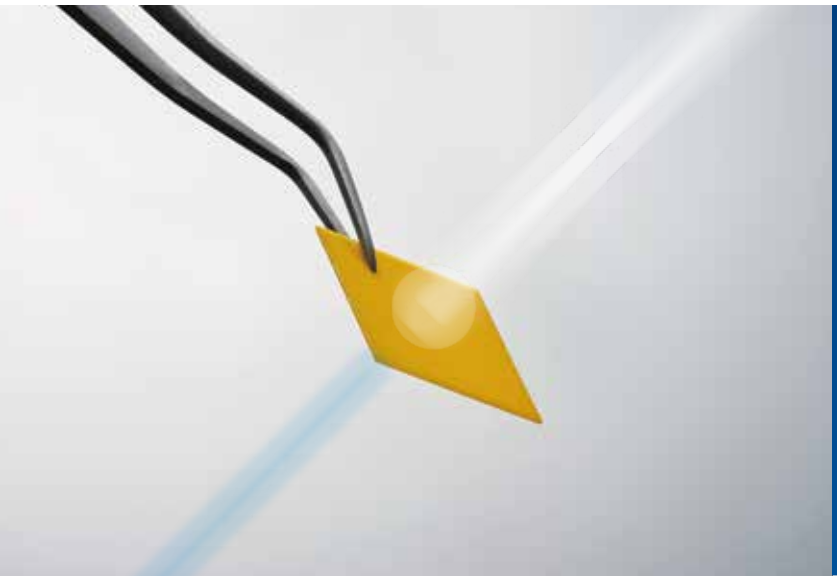
用于波长转换的荧光粉 - 玻璃复合材料

Lumiphous™



Lumiphous™ 是一种用于波长转换的荧光粉 - 玻璃复合材料、可使用不同种类的荧光粉。
此外、它还具有出色的耐候性和耐光性。

荧光粉 - 玻璃复合材料的优势

提供各种波长转换

可使用不同种类的荧光粉。

出色的耐候性和耐光性

经风化试验
(85℃/85%RH×5,000h)后仍能
保持良好的出光光效。

适用于高品质，规模生产

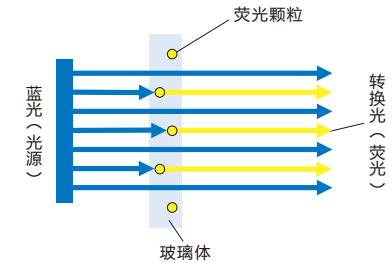
在车载 LED 前照灯领域具有多年实用经验。

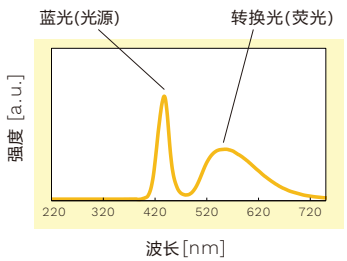
应用

- 前照灯
- 工业照明
- 户外照明
- 投影仪
- 医疗照明
- 紫外线检测

波长转换示例

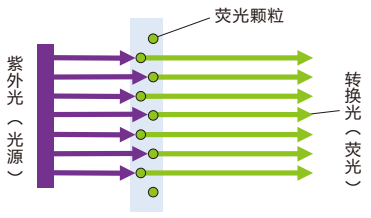
可见光转换

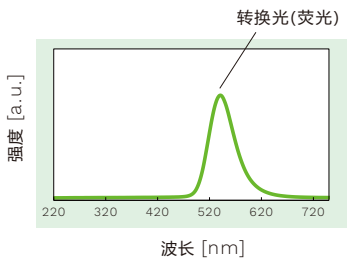




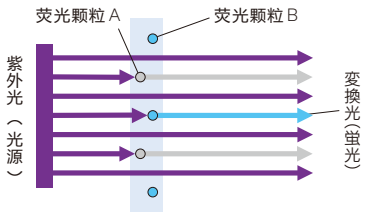
紫外光转换

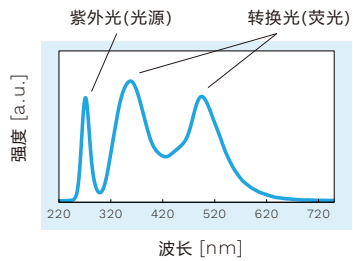
紫外线屏蔽





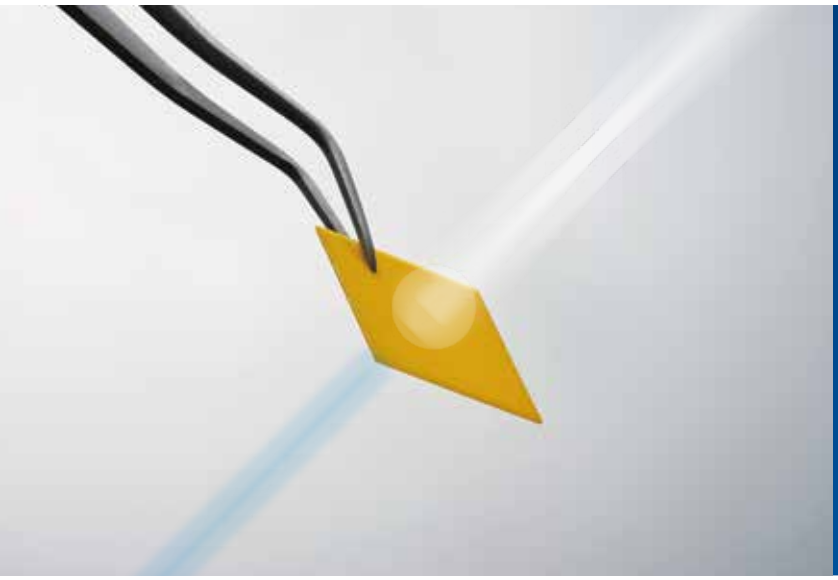
局部转换





Phosphor in Glass Composite for Wavelength Conversion Lumiphous™

Nippon Electric Glass



Lumiphous™ is a phosphor-glass composite developed for wavelength conversion that can contain various phosphors.
In addition, it has excellent weatherability and light resistance.

Advantages of Phosphor-Glass Composite

Various wavelength conversions are available

It can contain a wide variety of phosphors.

Excellent weatherability and light resistance

Good light emission continues after weathering test (85℃/85%RH×5,000h)

Suitable for high quality and mass production

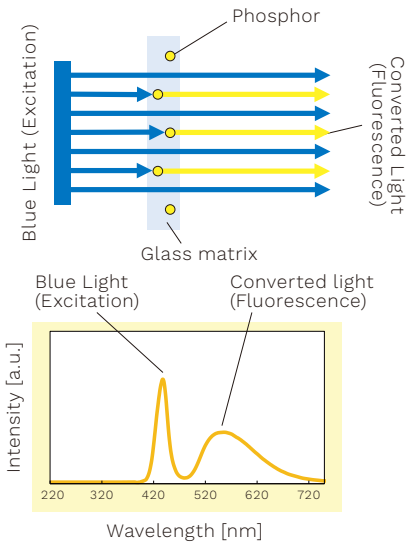
It has been used for many years as the in-vehicle LED headlamp.

Applications

- Headlamp
- Industrial lighting
- Outdoor lighting
- Projector
- Medical lighting
- UV detection

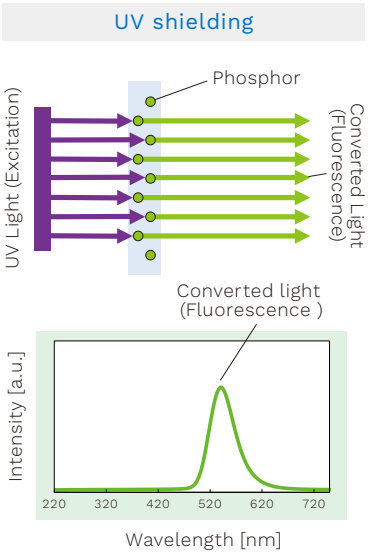
Examples of Wavelength Conversion

Visible light conversion



UV light conversion

UV shielding



Partial conversion