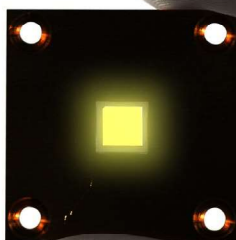


Panasonic

Huge Potential in a Small Package



Phosphor Devices



What is Phosphor ?

A phosphor is a material that emits light of a different wavelength by absorbing the energy of UV or visible light.

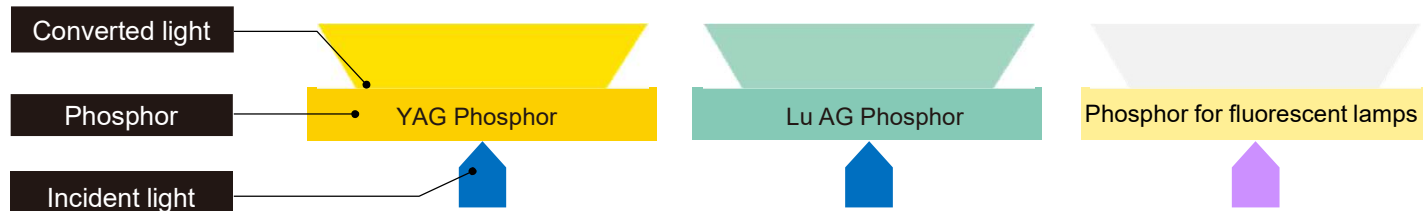
Incident light
(Wavelength A)

Phosphor

Converted light
(Wavelength B)

Characteristics of Phosphor

1. Phosphors can convert light into various colors depending on their type.



2. Phosphor materials can be transformed into a variety of forms through processing.



Powder type

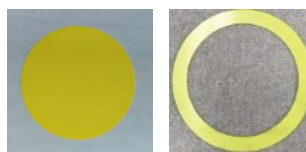


Plate type



Bulk type

General applications utilizing the characteristics of phosphors



Fluorescent lamps



Projectors



White LED lights

Potential fields where phosphor characteristics possibly can be utilized.

- medical field
- Agricultural field

Web site

