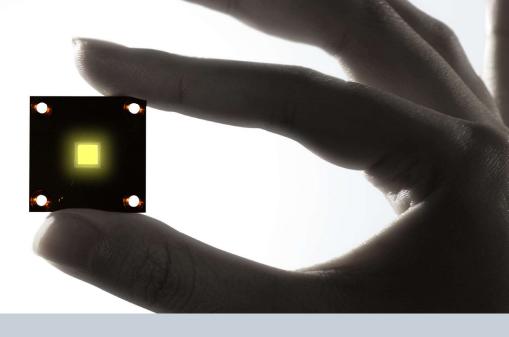
## **Panasonic**

## **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.

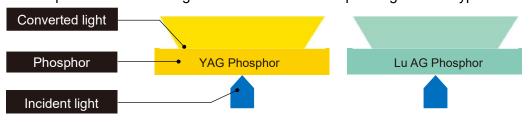
Incident light (Wavelength A)



Converted light (Wavelength B)

## Characteristics of Phosphor

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



Phosphor for fluorescent lamps

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









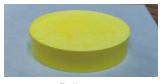


Plate type

Bulk type

General applications utilizing the characteristics of phosphors









White LED lights

Potential fields where phosphor characteristics possibly can be utilized.

- · medical field
- · Agricultural field

