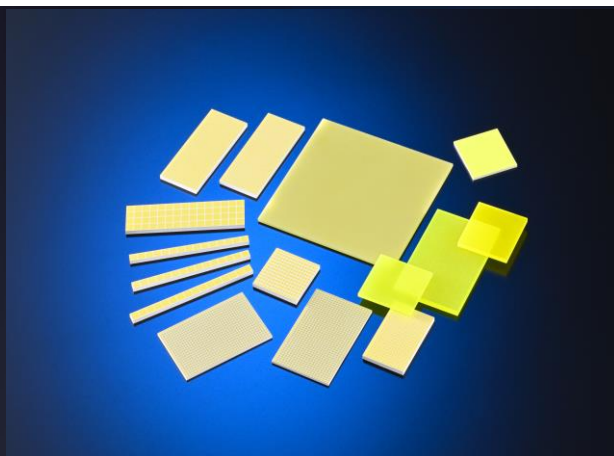


## GOS Ceramics scintillator LS series

Contributing to the miniaturization and higher precision of X-ray inspection equipment



### Overview

We have developed a high-density, high-performance ceramics scintillator. The main raw material, GOS, is chemically stable, has low environmental impact, and is an earth-friendly material.

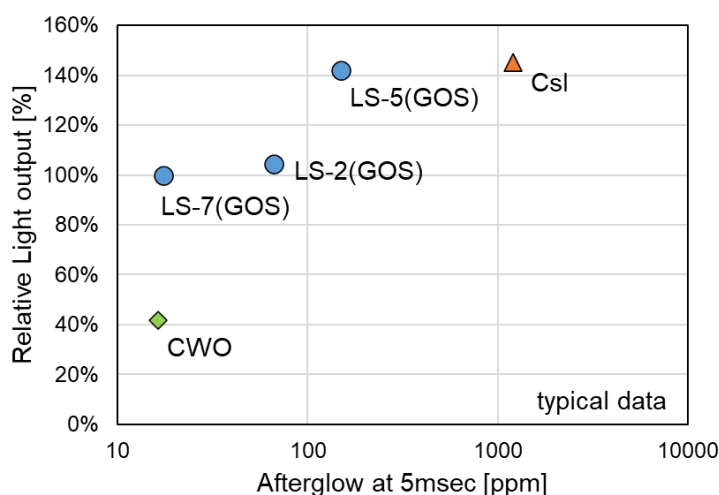
### Applications

Medical X-ray CT  
Various radiation detectors

### Features

- **High sensitivity/low afterglow:** This is low afterglow and high sensitivity
- **High uniform sensitivity:** The central part of the wafer and the edges offer a uniform sensitivity.
- **Maximized X-ray absorption coefficient:** The X-ray absorption coefficient is large, which enables the miniaturization of the detector.

### Light Output vs Afterglow (LS series)



**LS Series is a product that achieves both high sensitivity and low afterglow, with higher sensitivity than CWO and lower afterglow than Csl. It contributes to the improvement of image quality in radiation detectors.**

Note: Based on the evaluation in our company

