

LYSO(Ce) Array

Product Description:

LYSO(Ce) array is an essential component used in Positron Emission Tomography(PET) facility, included the whole body, small animal and specific organ like brain, thyroid and breast. We design and develop pixelated LYSO(Ce) crystal in single layer array, and double or more layer with depth of interaction (DOI) capability, the pixel can be small as 0.3 mm x 0.3 mm, the reflector between each pixel we used is our traditional Barium Sulfate($BaSO_4$), which has been proved that can get high light output, the vikuiti ESR film was available upon request.

Regular properties of LYSO(Ce) array:

Array size: 4 x 4, 8 x 8, 16 x 16, 23 x 23, 43 x 43 pixels...etc

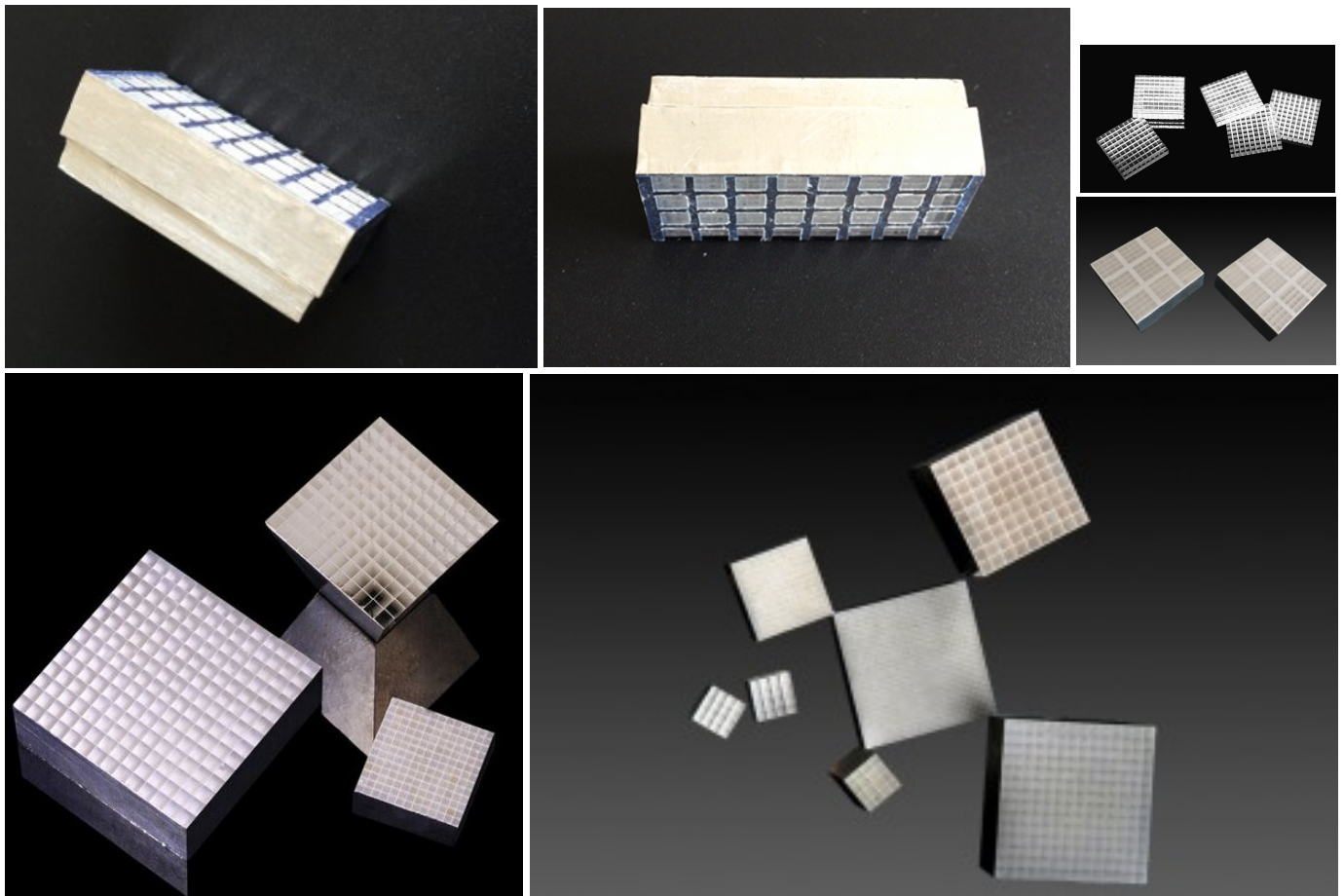
Pixel size: 1 x 1 x 10 mm, 2 x 2 x 13 mm, 3 x 3 x 15 mm, 4 x 4 x 22 mm.....

Gap between each pixel: 0.1 mm generally; 0.08 mm available

Reflector/Separator: Barium Sulfate($BaSO_4$), ESR 3M film

Pixel light uniformity in arrays: <15%

Examples



공식 한국 대리점

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