



DOE-LS15-x

Diffractive Optical Element DOE 15 Lines (Square), 40 deg at 650nm



Features

- 15 Parallel Lines (Square)
- Substrate material: PET/PMMA
- DOE active area: 5x5 mm
- Design wavelength: 650 nm
- Minimum recommended beam diameter (FWHM): 2mm

DOE Specifications

Parameters	Value
Field of View (FOV)	40°x40° (HxV)
Zero Order	≤ 1%
Substrate Material	PET, PMMA

Notes:

1. Contrast: In the defined area, the ratio of the 95th percentile of the grayscale value over the median grayscale value of the background, $C = I_{95\%} / I_{\text{median}}$
2. Uniformity: The ratio of the grayscale value of the area at a given location to the grayscale value of the area in the center of the pattern, $U = I_{\text{each area}} / I_{\text{max of each area}}$

Ordering Information

Part Number	Description
DOE-LS15-PET5	Diffractive Optical Element DOE 15 Lines (Square), 40°x40° at 650nm – PET - Dia. 5mm x T. 0.188mm
DOE-LS15-PMMA5	Diffractive Optical Element DOE 15 Lines (Square), 40°x40° at 650nm – PMMA - Dia. 5mm x T. 1mm

Note: Specifications are subject to change without notice.

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