



## DOE-LR7-x Diffractive Optical Element DOE 7 Lines (Rectangular)



### Features

- 7 Parallel Lines (Rectangular)
- Substrate material: PET/PMMA
- DOE active area: 4x4 mm
- Design wavelength: 650 nm
- Minimum recommended beam diameter (FWHM): 2mm

### DOE Specifications

Parameters	Value
Field of View (FOV)	31.7°x15.4° (HxV)
Zero Order	≤ 1%
Substrate Material	PET, PMMA

#### Notes:

1. Contrast: In the defined area, the ratio of the 95<sup>th</sup> 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-LR7-PET5	Diffractive Optical Element DOE 7 Lines (Rectangular), 31.7°x15.4° at 650nm – PET - Dia. 5mm x T. 0.188mm
DOE-LR7-PMMA5	Diffractive Optical Element DOE 7 Lines (Rectangular), 31.7°x15.4° at 650nm – PMMA - Dia. 5mm x T. 1mm

Note: Specifications are subject to change without notice.