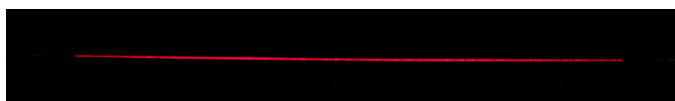
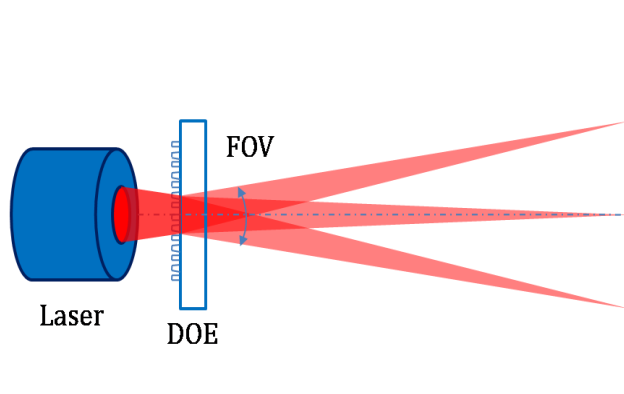


# DTC-36 Diffractive Optical Element



- **Element Number: DTC-36**
- Description: Single line -62
- Substrate material: PET/PMMA/GLASS
- DOE active area:  $\Phi 5$  mm
- Design wavelength: 635 nm
- Minimum recommended beam diameter (FWHM): 2 mm

## Pattern Specifications



A DOE functions with a laser light source that emits a diffractive pattern. Each DOE pattern is characterized by a specific laser wavelength, focal length and transverse mode. Each laser wavelength will result in a different zero order intensity. The focal length is dependent on the DOE and the object distance which can be adjusted using a collimating lens (CL). The transverse mode will affect the dot shape.

Field of View (FOV)	62°
Zero order	$\leq 2\%$