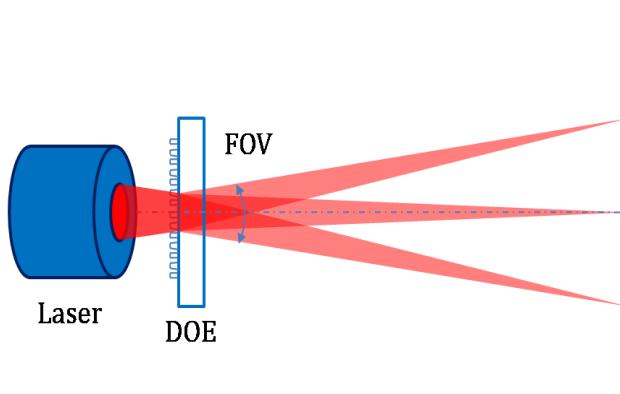


DTC- 33 Diffractive Optical Element



- **Element Number: DTC- 33**
- Description: Virtual Numeric Keypad
- Substrate material: PET
- DOE active area: 3.3 x 3.3 mm
- Design wavelength: 650 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.

Projecting height	30 mm
Tilt angle	75°
Numeric keypad size	65 x 85 mm