

LASER DAMAGE RESISTANCE CERTIFICATION

PASS

Supplier: HOLO-OR Ltd.
Purchase Order #: PO21004134
Part Number: Patterned ZnSe DOE, Coated #1
Lot# II-1582
Requirements: 0.02 MW/cm², peak irradiance.

Cert. Number: 69860
Date: July 1, 2021

TEST PARAMETERS

Coating Type: AR
Test Wavelength: 10.6 um
Polarization: Random
Pulsewidth (FWHM): N/A
Spot Diameter (1/e²): 285 um
Test Prep: None
Quantity: 1

Substrate Material: ZnSe
Incidence Angle: 0°
PRF: CW
Transverse Mode: TEM₀₀
Axial Modes: Multiple
Number of Sites: 10
Exposure: 60 seconds/site

TEST RESULTS: No damage observed using 150x Nomarski brightfield microscope.

COMMENTS: None.

Spica Technologies certifies that this sample has been exposed to the parameters described above. All test and calibration data are maintained on file. All instrument calibration is traceable to NIST.

Test conducted by _____




Technologies Inc.

18 Clinton Drive #3
Hollis, NH 03049
www.spicatech.com
603-882-8233