

LASER OPTICAL DENSITY CERTIFICATION

D, AB7

Supplier: Thorlabs Limited
Purchase Order Number: EO-265946
Requirements: EN 12254: 2010(E), Paragraph 5.3 Resistance to Laser Radiation, Table 2.
315-1050 nm Range.

Cert. Number: 51495
Date: September 17, 2015

TEST PARAMETERS

Coating Type: Laser Blocking	Substrate Mat'l: Fabric
Test Wavelength: 532 nm	Incidence Angle: 0°
Polarization: Linear	PRF : CW
Pulsewidth (FWHM): N/A	Transverse Mode: TEM ₀₀
Spot Diameter (1/e): 1.269 mm	Axial Modes: Multiple
Test Prep: None	Number of Sites: 1
Quantity: 3	Exposure Duration: 100 seconds

TEST RESULTS:

<u>Sample</u>	<u>Measurement Level</u>
5	Sample maintains AB7 during irradiation.
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COMMENTS: Fails at $31.25 \text{ E}^6 \text{ W/m}^2$.

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 _____


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