

LASER OPTICAL DENSITY CERTIFICATION

D, AB10

Supplier: Thorlabs Limited
Purchase Order Number: EO-396767
Part Number: F002

Cert. Number: 59990
Date: August 27, 2018

Requirements: EN 12254: 2010(E), Paragraph 5.3 Resistance to Laser Radiation, Table 2.
180-315 nm Range.

TEST PARAMETERS

Coating Type: N/A
Test Wavelength: 266 nm
Polarization: Linear
Pulsewidth (FWHM): 3 ns
Spot Diameter (1/e): 0.900 mm
Test Prep: N₂ blow
Quantity: 3

Substrate Material: Fabric
Incidence Angle: 0°
PRF : 50 kHz
Transverse Mode : TEM₀₀
Axial Modes: Multiple
Number of Sites: 1
Exposure Duration: 100 seconds

TEST RESULTS:

Sample

Measurement Level

1	Sample maintains AB10 during irradiation.
2	Sample maintains AB10 during irradiation
3	Sample maintains AB10 during irradiation

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



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