

SPECTROGON

Optical filters • Coatings • Gratings

Date: 2024-10-01

Operator: DG

Article:

Art no: 713M

NB-4295-050 nm Ø25.4x0.5 mm

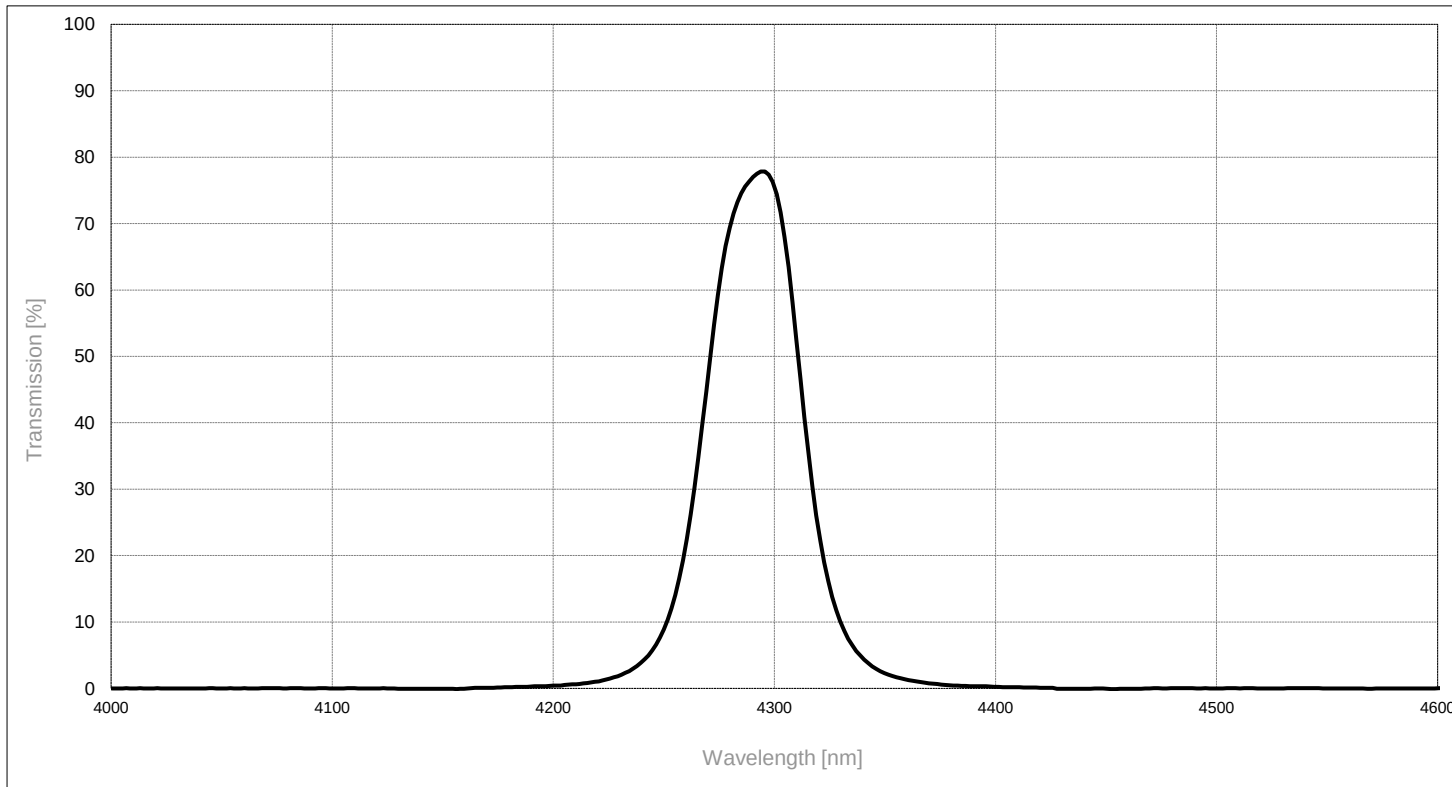
Specifications:

CWL: 4295 ±20 nm

HW: 50 ±15 nm

B: 200—11000 nm avg 0,1%

T high min 70 %



Measured values:

CWL = 4290,68 nm...OK

HW = 47,08 nm...OK

Cuton 5 % = 4243,01 nm

Cutoff 5 % = 4338,68 nm

HP1 = 4267,14 nm

HP2 = 4314,22 nm

Tpeak = 77,83 %

Tavg = 74,2 %

Slope 1 = 0,77 %

Slope 2 = 0,74 %

Transmittance:

T high min 4279 — 4304 nm = 77,83 %...OK

Measurement conditions:

Temperature: 296 K AOI: 0 °

Spectrogon:

M nr: US101535-10

Calibration traceable to NIST.

Spectrogon products conform in all aspects with the RoHS Directive.