

SPECTROGON

Optical filters • Coatings • Gratings

Date: 2024-08-06

Operator: NLY

Article:

Art no: 713M

BP-4630-180 nm Ø25.4x1.0 mm

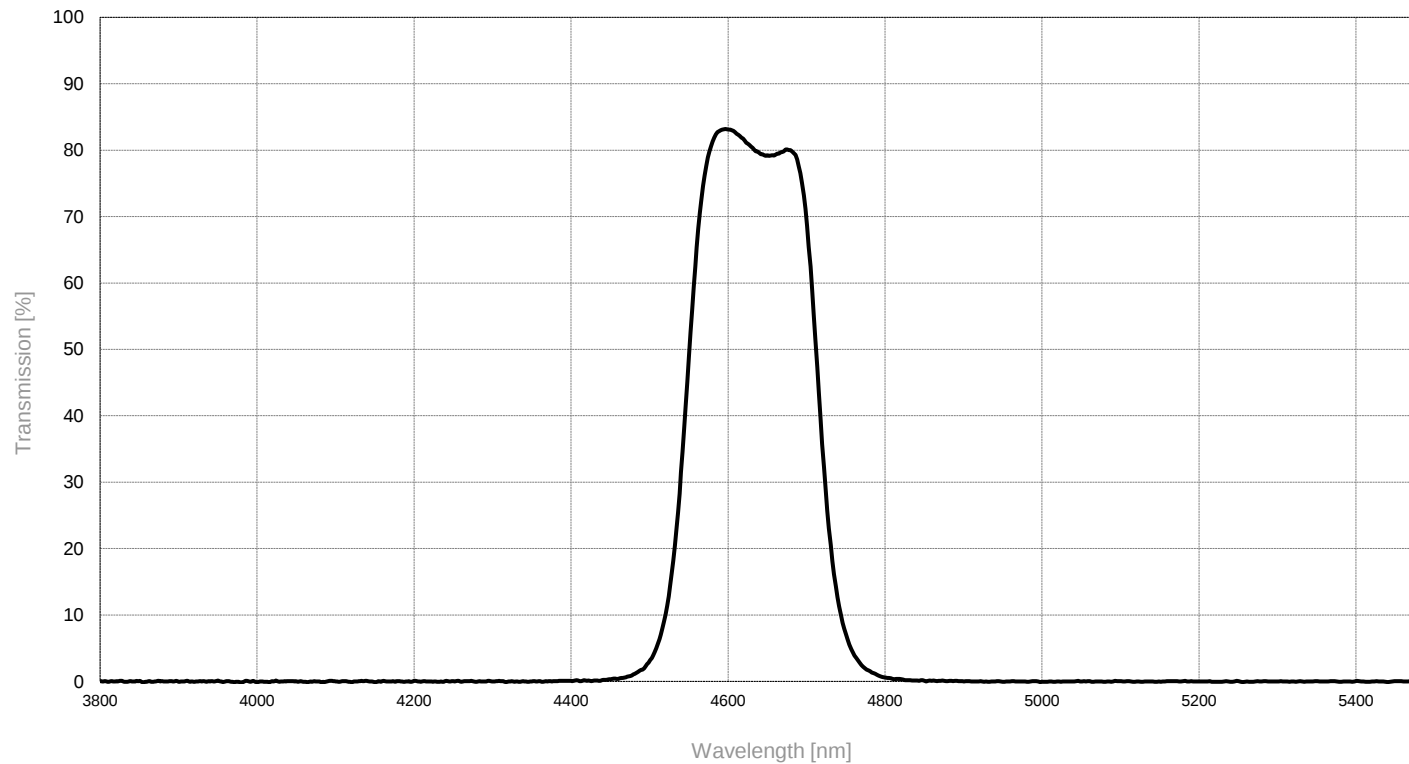
Specifications:

CWL: 4630 ± 40 nm

HW: 180 ± 20 nm

B: 100—30000 nm avg 0,1 %

T high min 70 %



Measured values:

CWL = 4631,41 nm...OK

HW = 170,6 nm...OK

Cuton 5 % = 4508,6 nm

Cutoff 5 % = 4756,37 nm

HP1 = 4546,11 nm

HP2 = 4716,71 nm

Tpeak = 83,19 %

Tavg = 80,76 %

Slope 1 = 1,15 %

Slope 2 = 1,15 %

Transmittance:

T high min 4575 — 4688 nm = 83,19 %...OK

Measurement conditions:

Temperature: 296 K AOI: 0 °

Spectrogon:

T nr: 71432

Calibration traceable to NIST.

Spectrogon products conform in all aspects with the RoHS Directive.