

SPECTROGON

Optical filters • Coatings • Gratings

Date: 2024-07-25

Operator: NLY

Article:

Art no: 713M

BP-4750-190 nm Ø25.4x0.55 mm

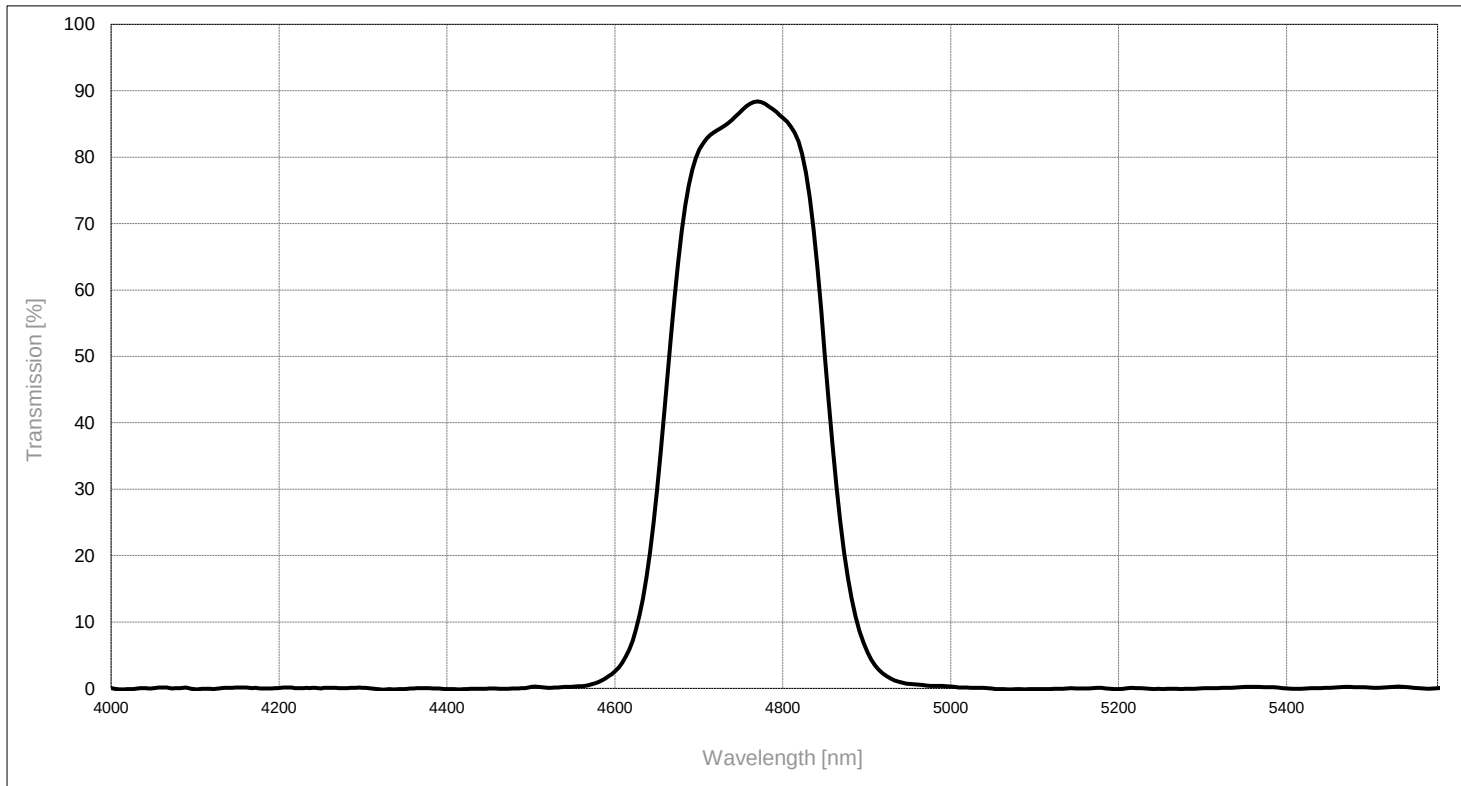
Specifications:

CWL: 4750 ±50 nm

HW: 190 ±20 nm

B: 100—8000 nm

T high min 70 %



Measured values:

CWL = 4757,36 nm...OK

HW = 193,65 nm...OK

Cuton 5 % = 4613,84 nm

Cutoff 5 % = 4902,61 nm

HP1 = 4660,54 nm

HP2 = 4854,19 nm

Tpeak = 88,38 %

Tavg = 85,23 %

Slope 1 = 1,45 %

Slope 2 = 1,39 %

Transmittance:

T high min 4697 — 4820 nm = 88,38 %...OK

Measurement conditions:

Temperature: 296 K AOI: 0 °

Spectrogon:

T nr: 73823

Calibration traceable to NIST.

Spectrogon products conform in all aspects with the RoHS Directive.