

SPECTROGON

Optical filters • Coatings • Gratings

Date: 2023-10-24

Operator: AF

Article:

Art no: 713M

BP-4755-136 nm Ø25.4x1.0 mm

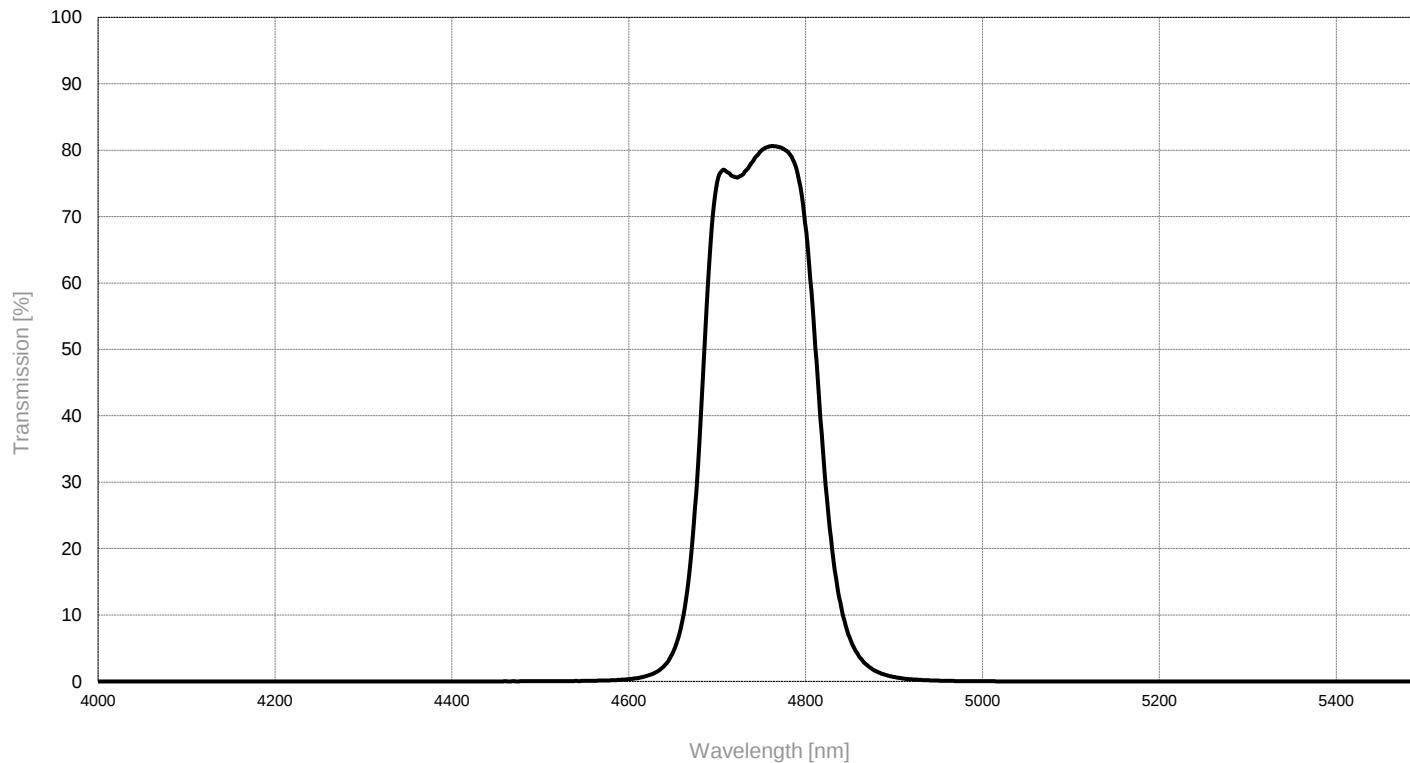
Specifications:

CWL: 4755 ±40 nm

HW: 136 ±20 nm

Blocking: 100 — 30000 nm (0,1 %)

T high min 70 %



Measured values:

CWL = 4749,04 nm...OK

HW = 134,94 nm...OK

Cuton 5 % = 4652,19 nm

Cutoff 5 % = 4855,05 nm

HP1 = 4681,57 nm

HP2 = 4816,51 nm

Tpeak = 80,62 %

Tavg = 78,36 %

Slope 1 = 0,84 %

Slope 2 = 1,08 %

Transmittance:

T high min 4703 — 4792 nm = 80,62 %...OK

Measurement conditions:

Temperature: 296 K AOI: 0 °

Spectrogon:

M nr: 102403-10

Calibration traceable to NIST.

Spectrogon products conform in all aspects with the RoHS Directive.