

SPECTROGON

Optical filters • Coatings • Gratings

Date: 2023-08-23

Operator: NLY

Article:

Art no: 713M

NB-3800-076 nm Ø25.4x1.0 mm

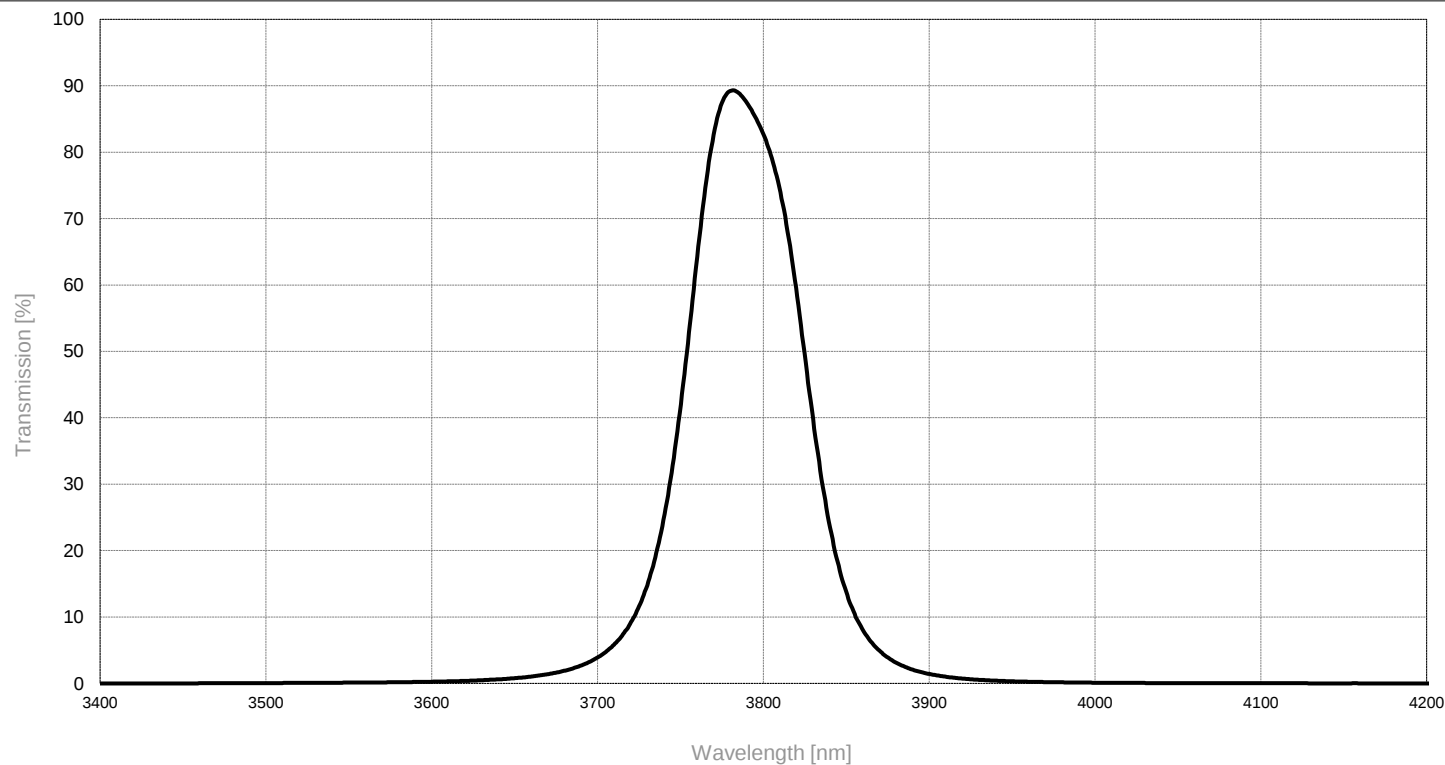
Specifications:

CWL: 3800 ±50 nm

HW: 76 ±10 nm

Blocking: 100 — 30000 nm (0,1 %)

T high min 70 %



Measured values:

CWL = 3789,4 nm...OK

HW = 75,91 nm...OK

Cuton 5 % = 3706,19 nm

Cutoff 5 % = 3869,75 nm

HP1 = 3751,44 nm

HP2 = 3827,35 nm

Tpeak = 89,3 %

Tavg = 85,41 %

Slope 1 = 1,52 %

Slope 2 = 1,51 %

Transmittance:

T high min 3768 — 3807 nm = 89,3 %...OK

Measurement conditions:

Temperature: 296 K AOI: 0 °

Spectrogon:

T nr: 71282

Calibration traceable to NIST.

Spectrogon products conform in all aspects with the RoHS Directive.