

SPECTROGON

Optical filters • Coatings • Gratings

Date: 2023-12-15

Operator: DG

Article:

Art no: 713M

BP-2140-110 nm Ø25.4x1.0 mm

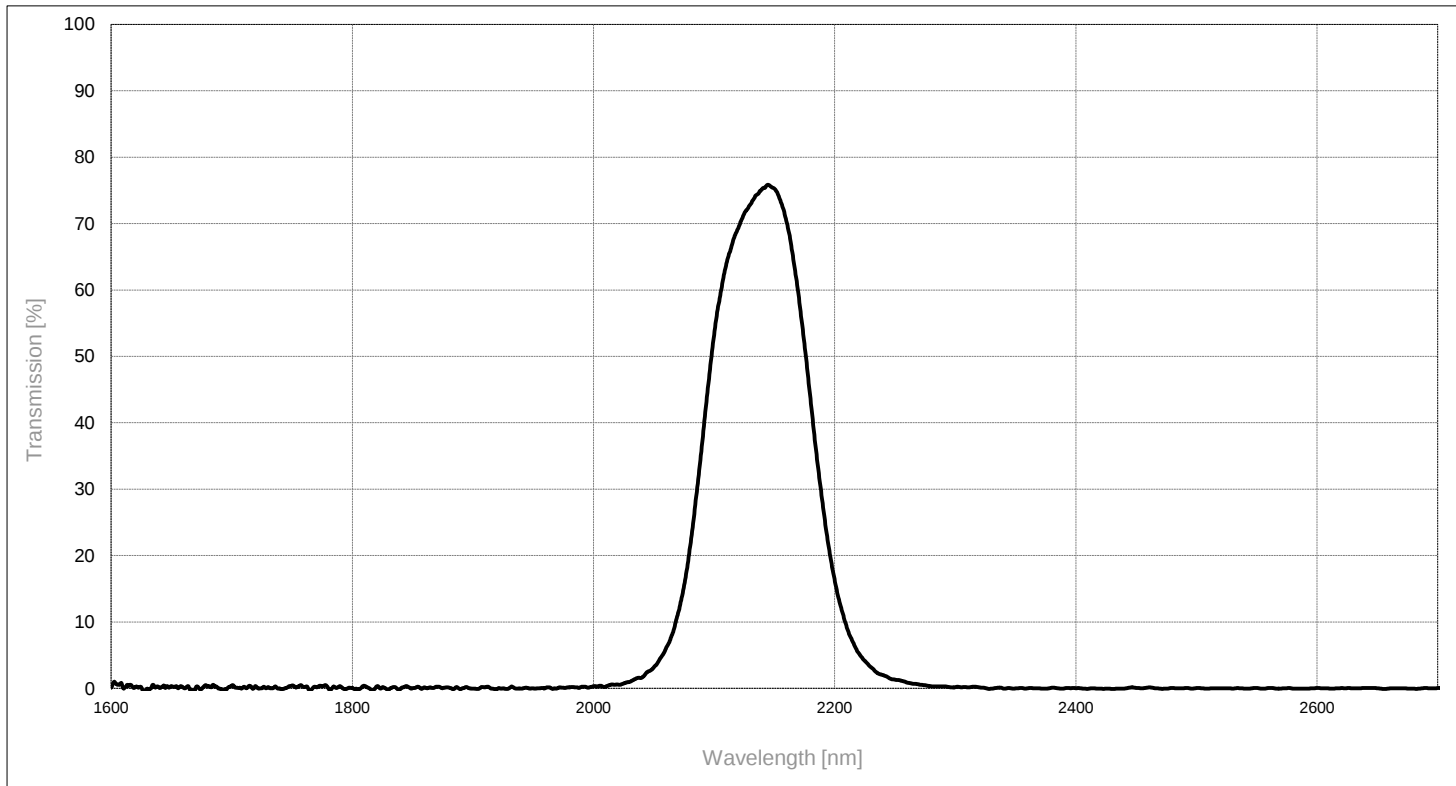
Specifications:

CWL: 2140 ± 10 nm

HW: 110 ± 20 nm

Blocking: 190 — 3500 nm (0,1 %)

T high min 60 %



Measured values:

CWL = 2136,98 nm...OK

HW = 92,61 nm...OK

Cuton 5 % = 2057,19 nm

Cutoff 5 % = 2221,19 nm

HP1 = 2090,68 nm

HP2 = 2183,29 nm

Tpeak = 75,83 %

Tavg = 72,42 %

Slope 1 = 2,35 %

Slope 2 = 2,41 %

Transmittance:

T high min 2113 — 2163 nm = 75,83 %...OK

Measurement conditions:

Temperature: 296 K AOI: 0 °

Spectrogon:

M nr: 102713-20

Calibration traceable to NIST.

Spectrogon products conform in all aspects with the RoHS Directive.