

# SPECTROGON

Optical filters • Coatings • Gratings

Date: 2022-07-28

Operator: DH

## Article:

Art no: 713M

NB-1680-010 nm  $\varnothing$ 25.4x1.0 mm

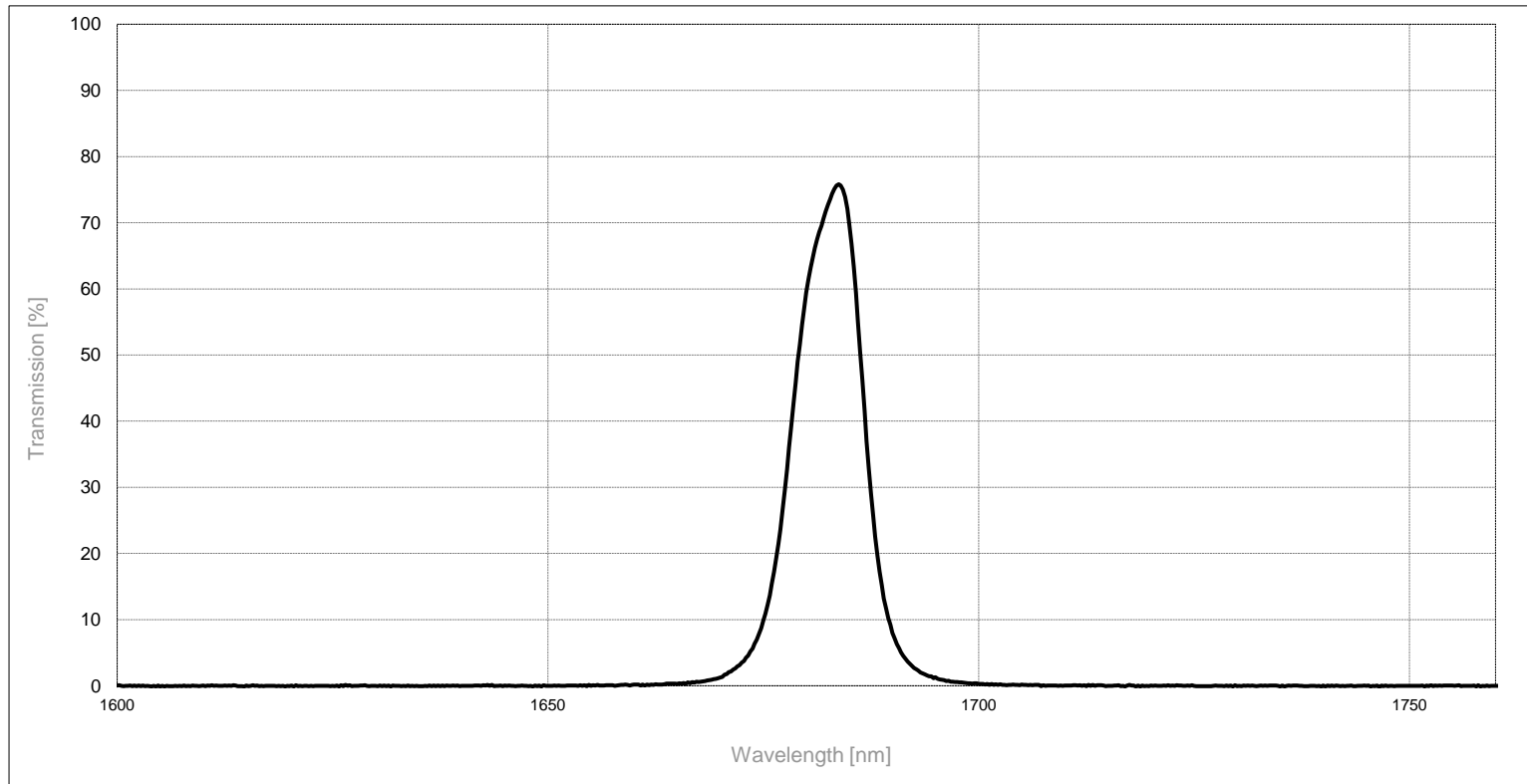
## Specifications at 50 °C:

CWL: 1680  $\pm$ 5 nm

HW: 10  $\pm$ 3 nm

Blocking: 200 — 3500 nm ( % )

T high min 60 %



## Theoretical values for 50 °C:

CWL = 1684,23 nm...OK

HW = 8,8 nm...OK

Cuton 5 % = 1675,1 nm

Cutoff 5 % = 1692,71 nm

HP1 = 1678,15 nm

HP2 = 1686,95 nm

Tpeak = 75,83 %

Slope 1 = 0,4 %

Slope 2 = 0,32 %

## Transmittance:

T high min 1681 — 1685 nm = 75,83 %...OK

## Measurement conditions:

Temperature: 293 K AOI: 0 °

## Spectrogon:

Calibration traceable to NIST.  
Spectrogon products conform in all aspects with the RoHS Directive.

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