



# SPECTROGON

Optical filters • Coatings • Gratings

Date: 2023-12-18

Operator: DG

## Article:

Art no: 713M

BP-4775-175 nm Ø25.4x0.5 mm

## Specifications:

CWL: 4775 ±40 nm

HW: 175 ±20 nm

Blocking: 200 — 10000 nm (0,1 %)

T high min 70 %

## Measured values:

CWL = 4767,18 nm...OK

HW = 176,2 nm...OK

Cuton 5 % = 4634,28 nm

Cutoff 5 % = 4904,8 nm

HP1 = 4679,08 nm

HP2 = 4855,29 nm

Tpeak = 85,22 %

Tavg = 81,63 %

Slope 1 = 1,26 %

Slope 2 = 1,52 %

## Transmittance:

T high min 4707 — 4818 nm = 85,22 %...OK

## Measurement conditions:

Temperature: 296 K AOI: 0°

## Spectrogon:

M nr: US101037-20

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

# Kokyo

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