Coherent® LightSmyth™ 1500 - 1800nm, 711.24 Grooves/mm, 31.8 x 20mm Transmission Diffraction Grating

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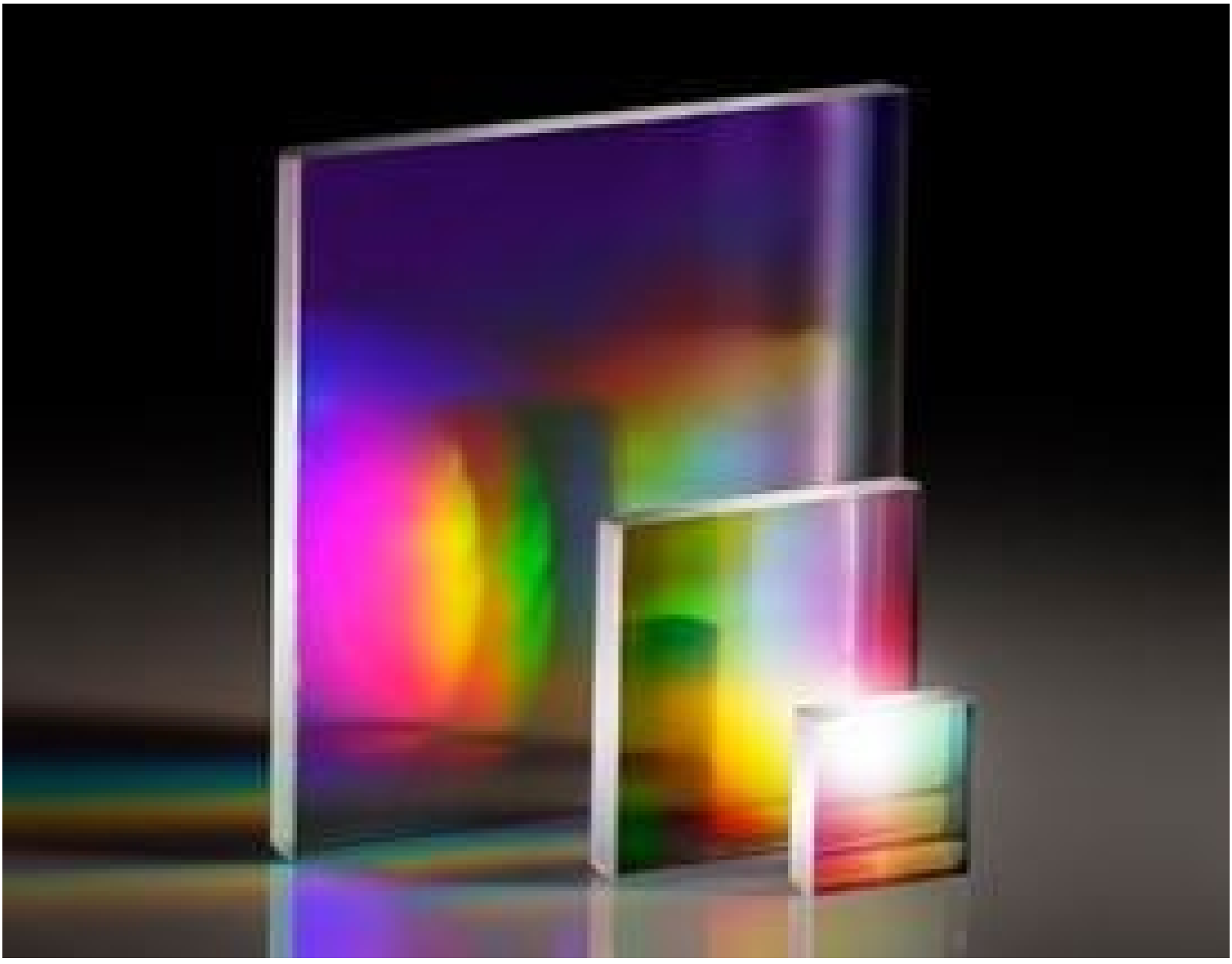

LightSmyth™ Transmission Diffraction Gratings

Stock **#16-878** CLEARANCE CONTACT US

- 1 + **₹76,121.00**

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Qty 1+

₹76,121.00

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Groove Density (grooves/mm):
711.24

Groove Density Uniformity (grooves/mm):
0.001

Wavelength Range (nm):
1500 - 1800

Minimum Efficiency (%):
≥95 @ 1500 - 1800nm

Dimensions (mm):
31.80 x 20.00

Angle of Incidence (°):
35.55 ±1

Clear Aperture CA (mm):
30.80 x 19.00

Coating:
Dielectric

Construction:
Multi-Layer Dielectric Binary Etch Grating

Length (mm):
31.80

Model Number:
1358003

Substrate:
Fused Silica (Corning 7980)

Surface Quality:
60-40

Thickness (mm):
0.95 ±0.050

Type:
Transmission Diffraction Grating

Width (mm):
20.00

Alignment of Grooves to Edge (°):
0.1 (typical)

Polarization:
S and P

Note:
S-Polarization defined with E-field parallel to the grating grooves

Regulatory Compliance

RoHS:
Compliant

Certificate of Conformance:
View