

Coherent® LightSmyth™ 800nm, 1398.6 Grooves/mm, 24 x 14.9mm Transmission Diffraction Grating

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LightSmyth™ Transmission Diffraction Gratings

Stock **#16-860** 10 TO 12 DAYS

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Groove Density (grooves/mm): 1398.6
Groove Density Uniformity (grooves/mm): 0.001
Design Wavelength DWL (nm): 800 ±20

Minimum Efficiency (%) : ≥94 @ 800nm
Dimensions (mm) : 24.00 x 14.90
Angle of Incidence (°) : 34 ±1
Clear Aperture CA (mm) : 23.00 x 13.90
Coating : Dielectric
Construction : Multi-Layer Dielectric Binary Etch Grating
Length (mm) : 24.00
Model Number : 1304168
Substrate :  Fused Silica (Corning 7980)
Surface Quality : 60-40
Thickness (mm) : 0.95 ±0.050
Type : Transmission Diffraction Grating
Width (mm) : 14.90
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