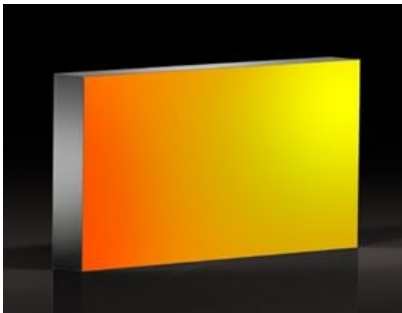


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Richardson Gratings™ Echelle Reflective Diffraction Gratings See

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- Highest Resolving Power and Dispersion
- Low Groove Density for Use in Higher Orders
- Groove Spacing Tolerance <0.05%
- Custom Sizes Available

Common Specifications

Physical & Mechanical Properties

Dimensions (mm):	25.0 x 50.0 ±0.1	Clear Aperture (%):	>90
Construction:	Ruled Grating	Length (mm):	50.00
Thickness (mm):	6.00 ±0.5	Width (mm):	25.00
Centering of Ruled Area on Substrate (mm):	±1	Alignment of Grooves to Edge (°):	±0.15
Groove Spacing Tolerance (%):	<0.05		

Optical Properties

Blaze Wavelength (nm):	All		
Coating:	Aluminium	Substrate:	Float Glass
Reflected Wavefront, RMS:	λ/4		

Technical Information

Products

Groove Density (grooves/mm)	Blaze Wavelength (nm)	Dimensions (mm)	Master Reference	Spectral Order (m)	Stock Number	Price	Buy
31.6	All	25.0 x 50.0	411E	37	#15-741	S\$441.00 Volume Pricing	10 In Stock
79	All	25.0 x 50.0	401E	1	#15-742	S\$441.00 Volume Pricing	7 In Stock
79	All	25.0 x 50.0	402E	98	#15-743	S\$441.00 Volume Pricing	5 In Stock
316	All	25.0 x 50.0	451E	2	#15-744	S\$441.00 Volume Pricing	3 In Stock



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