

Request Form for Aberration-corrected Concave Gratings for Flat-field Polychromators

Date: _____

1. Quantity: _____ pcs/lot (No. of lots per year: _____), _____ pcs/lot (No. of lots per year: _____)
2. Classification of grating:
 - ☐ Blazed holographic grating (BHG)
 - ☐ Holographic grating (HG)
3. Blank material:
 - ☐ Soda glass (standard) ☐ BK7 ☐ Borosilicate glass ☐ Other _____
4. Dimensions (mm):

Width, W (perpendicular to grooves) (or ϕ): _____ \pm _____ \times Height,

H (parallel to grooves): _____ \pm _____ \times Thickness at center, T: _____ \pm _____

*The thickness at the center is usually around one sixth (1/6) of the diagonal (for rectangular blanks) or diameter (for round blanks).
5. Effective area: except for a rim of 2 mm
6. Wavelength range: _____ nm to _____ nm
7. Blaze (maximum efficiency) wavelength λ_B _____ nm
8. Entrance path length (r) Approx. _____ mm
9. Exit path length (r_1' , r_2') Approx. _____ mm
10. Minimum distance between entrance slit and center of detector: _____ mm
11. Size of entrance slit: Width: _____ μm \times Height: _____ mm
12. Photosensitive surface area of detector:

Total width: _____ mm

Height: _____ mm

Number of elements: _____ elements

Width per element: _____ μm / element
13. Coating:
 - ☐ Standard: Al
 - ☐ Au ☐ Other: _____
14. Other requirements: _____

Please make enquiries by copying this form, filling in the details, and sending it by fax. (+81-33219-5567)

Division, department, or section: _____

Address, including zip code: _____

Telephone number,
including extension: _____

FAX number: _____

Full name: _____

E-mail address: _____