

Grating [Efficiencies]

Digital Twin Specification

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| Twin Code: | CF-GREF01 |
| Twin Name: | Grating [Efficiencies] |
| Category: | Component |
| Type: | Function-Based |
| Version: | 1.0 |
| Package: | Platform |
| Last Updated: | 2026-01-20 |

Description

Computes order-resolved output fields using user-defined diffraction efficiency values per order, providing a simplified grating effect based on predefined efficiencies.

⚠ Note: This specification sheet is under active development. Detailed technical descriptions, model parameters, and usage examples will be added over the coming months.

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| Keywords: | grating efficiencies, diffraction, orders, user-defined, order-resolved, simplified grating |
| Related Twins: | CS-GRRO01, CF-TGRC01, CF-TGSW01, CF-TGSI01, CF-TGTR01 |