

# Coating 136768 + 136769



Chirped mirror pair

$HR_{sp}(0-10^\circ, 670-970 \text{ nm}) > 99.8\%$   $R(0^\circ, 510-535 \text{ nm}) < 10\%$

$GDD-R_{sp}(0-10^\circ, 680-960 \text{ nm}) = -50 \pm 150 \text{ fs}^2$

optimized to compensate 1,2mm FS with one bounce (average value after two bounces)

please note \_\_\_\_\_ 136768 - - - - - 136769

fig. 1  $R(0^\circ)$  HT-region (without rear side)

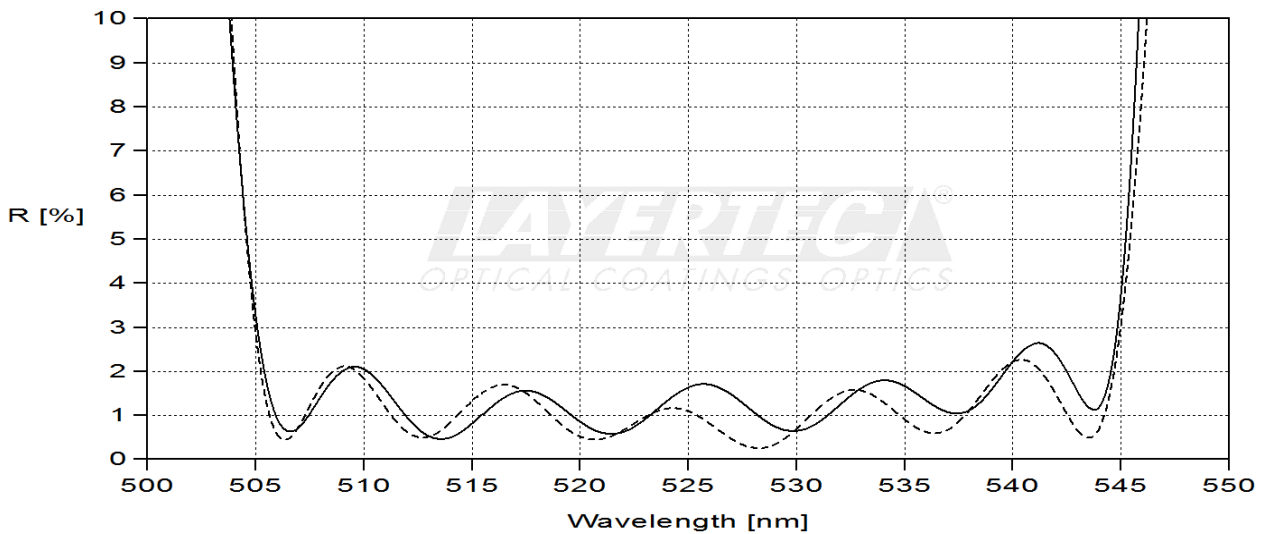


fig. 2  $R(0^\circ)$  HR region

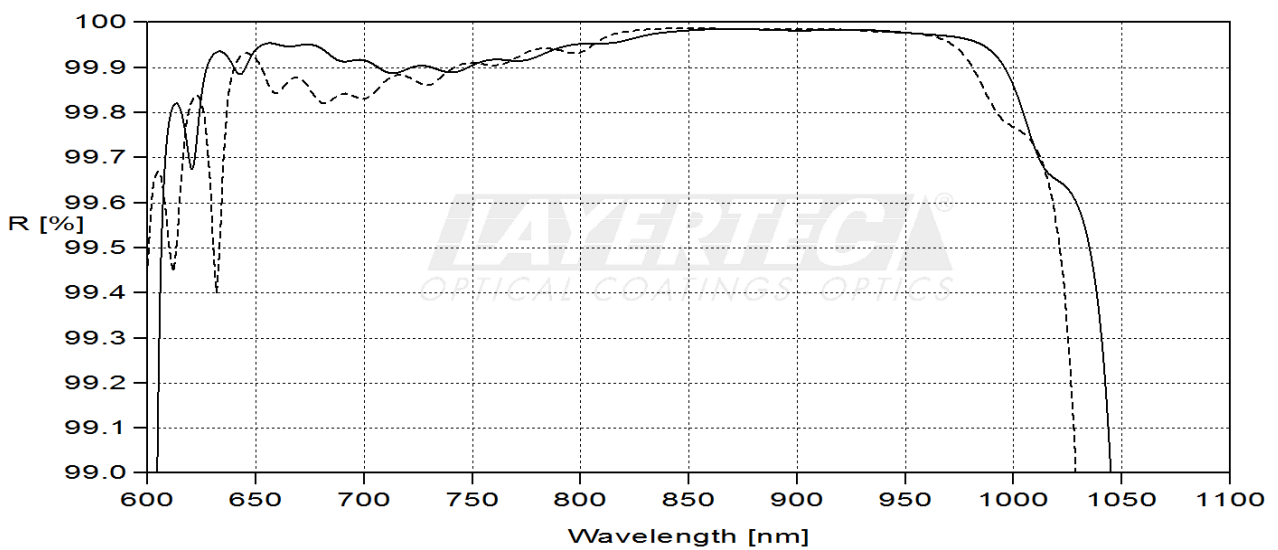


fig.3 calculated GD-R(0°)

please note: red=> [ GD-R(136768) + GD-R(136769)] / 2    black => 1,2 mm Fused Silica

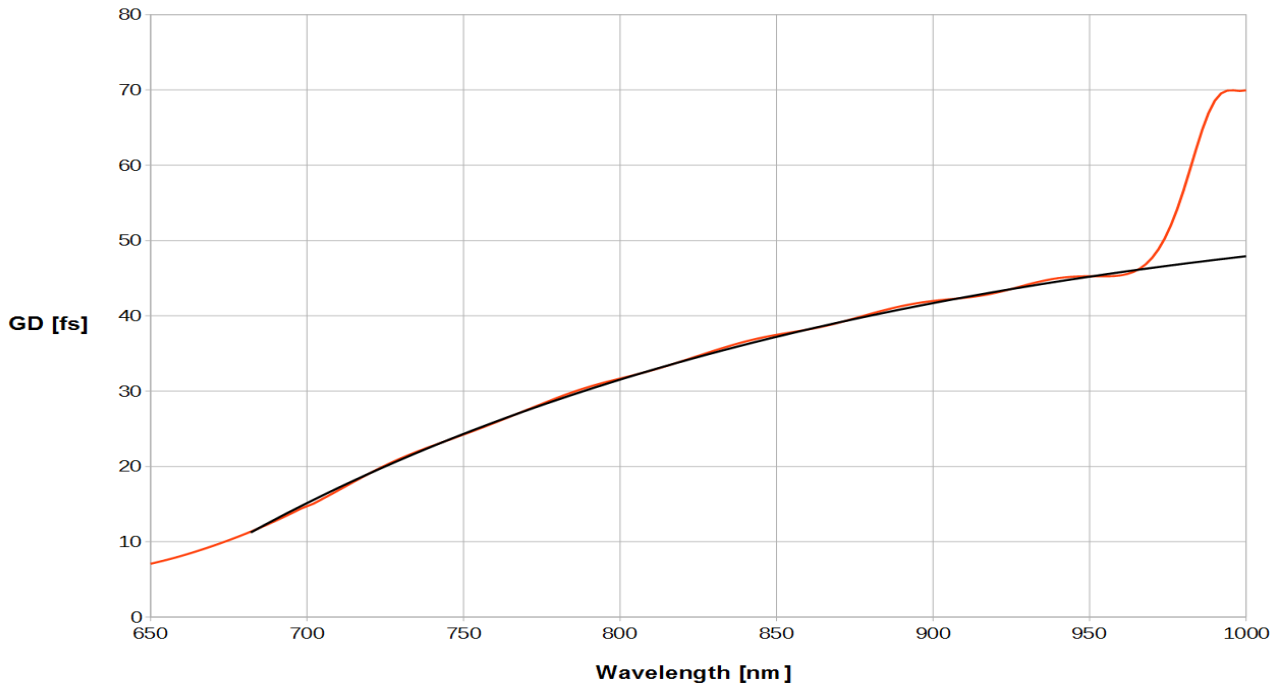


fig.4 difference between red and black curve fig. 3

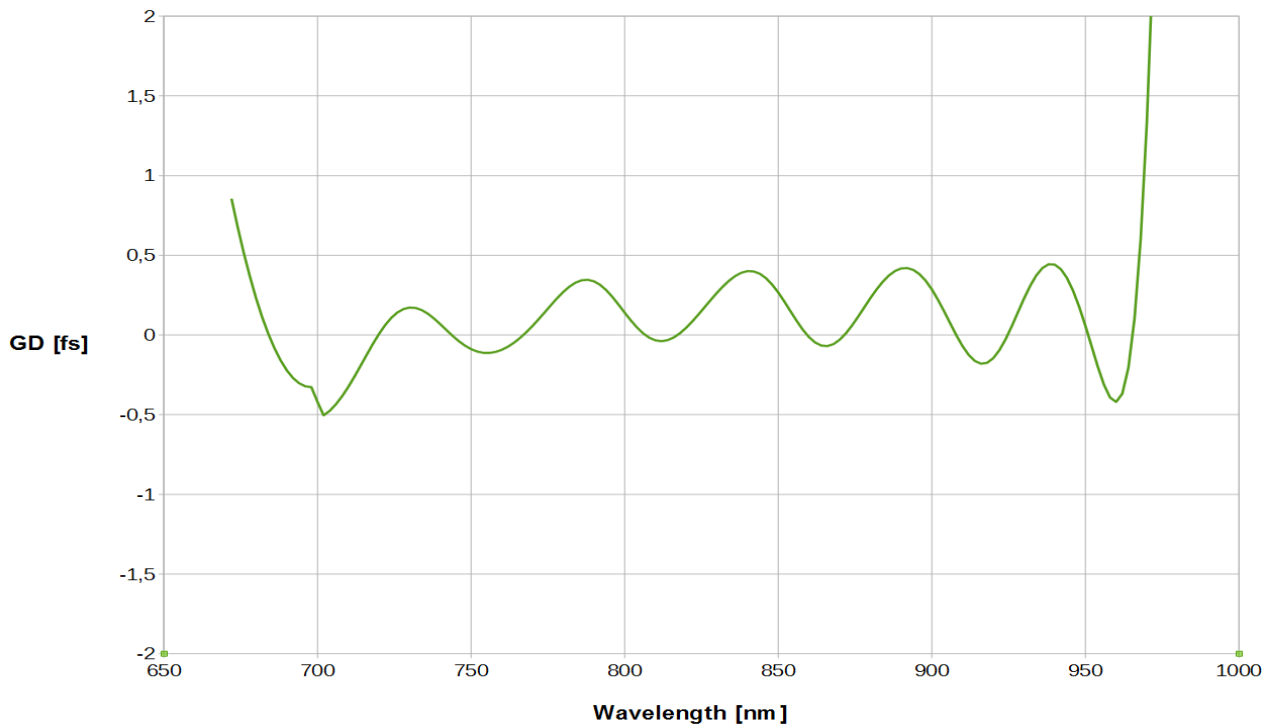
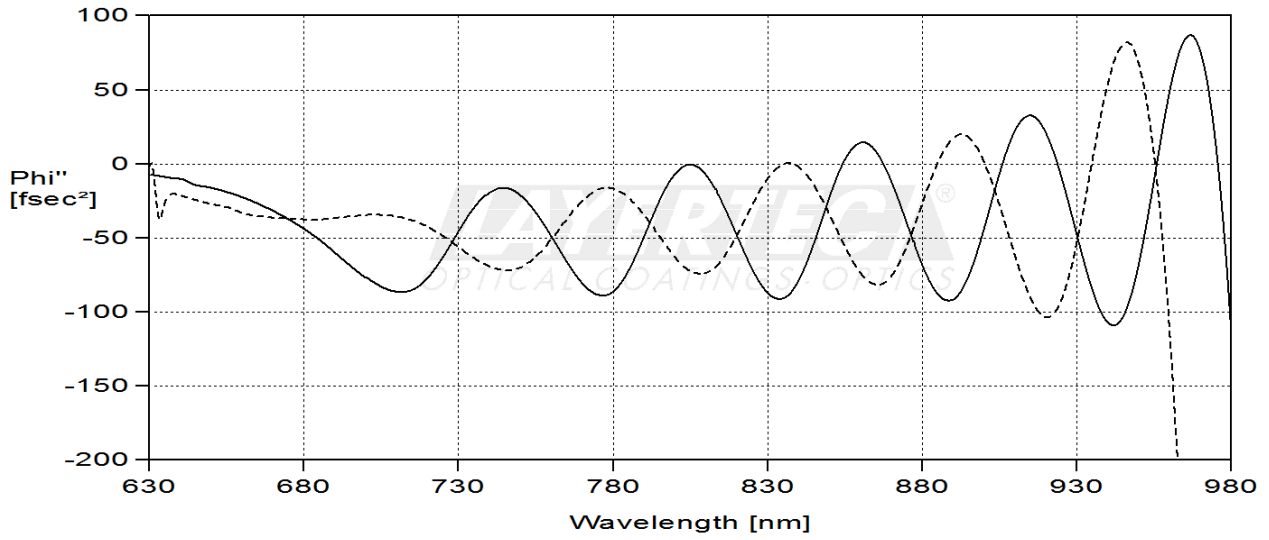


fig. 5 calculated GDD-R(0°)



please note: delivery with GD and GDD-measurements of both systems