

# Coating 141570 + 141571

Chirped mirror pair

HRsp(0-10°, 725-875 nm) > 99.8%

GDD-Rsp(0-10°, 725-875nm) = -110 (±50)fs<sup>2</sup>

optimized to compensate 3 mm FS with one bounce (average value after two bounces)

please note \_\_\_\_\_ 141570 - - - - - 141571

fig. 1 calculated R(0°) HR region

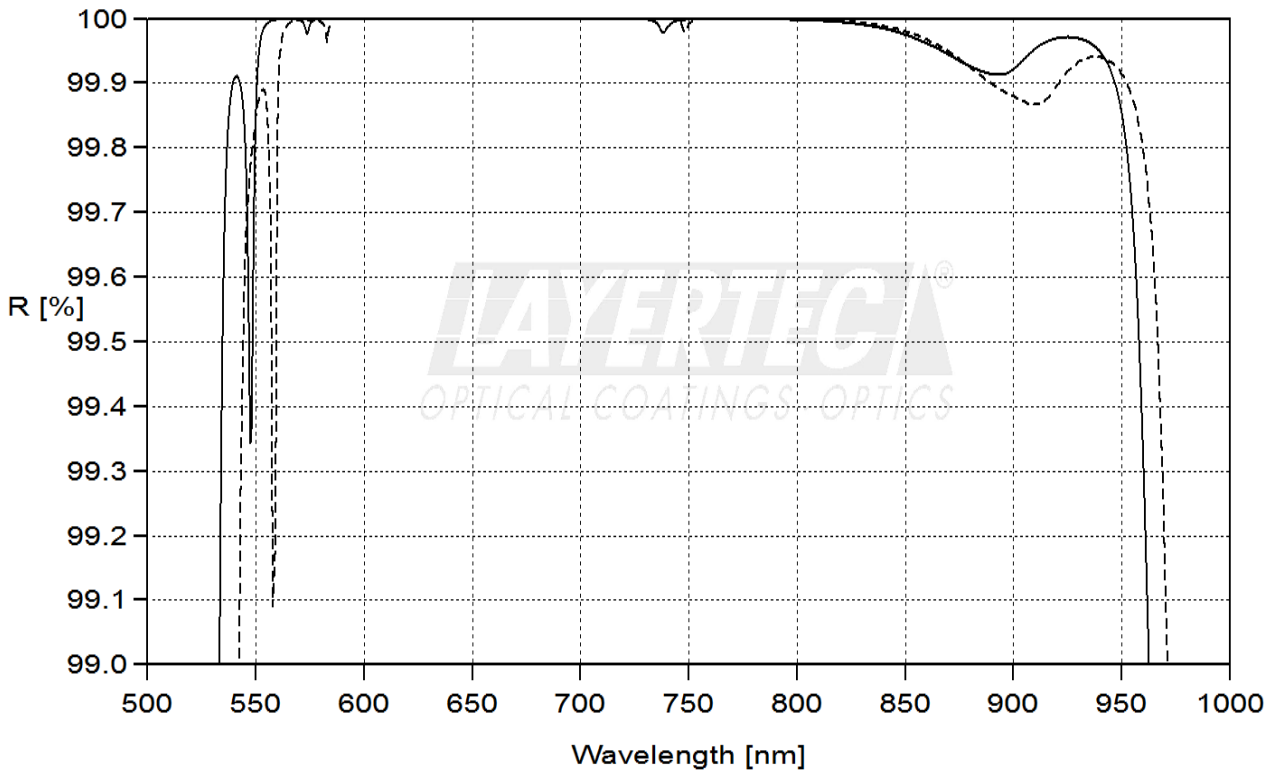


fig.2 calculated GD-R(0°)

please note: red=>  $[GD-R(141570) + GD-R(141571)] / 2$     black => 3 mm Fused Silica

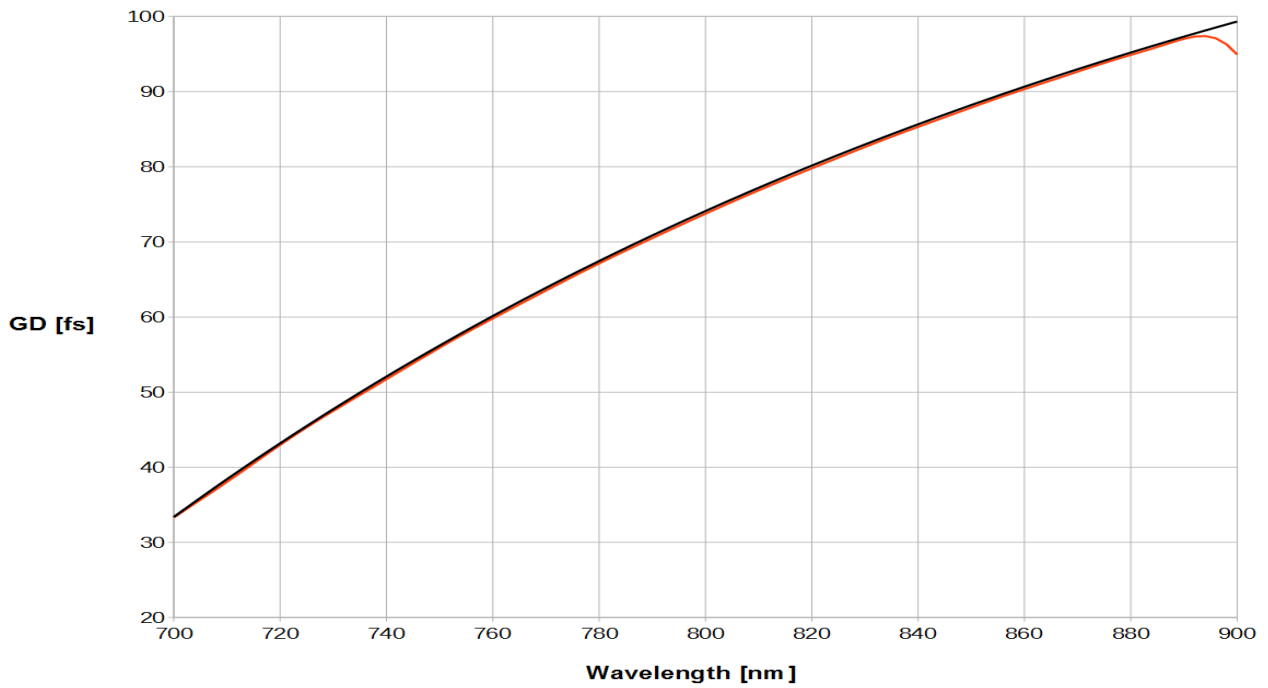


fig.3 difference between red and black curve fig. 2

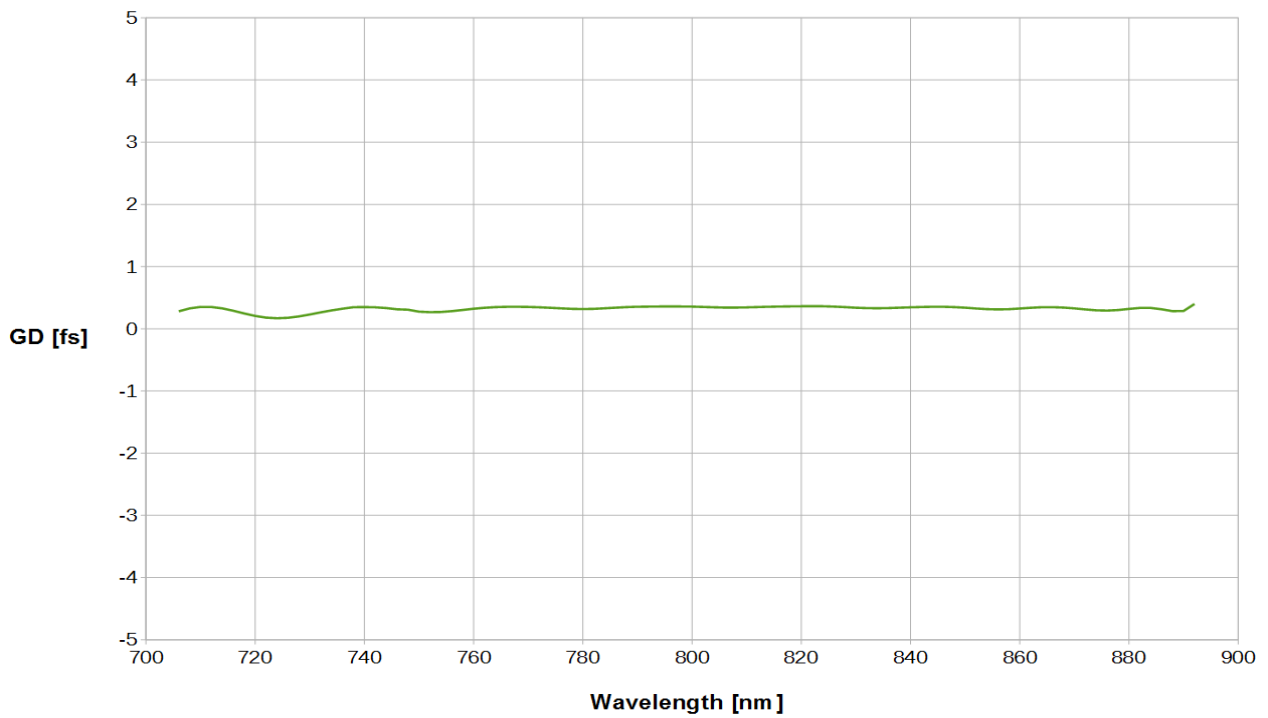


fig. 4 calculated GDD-R(0°)

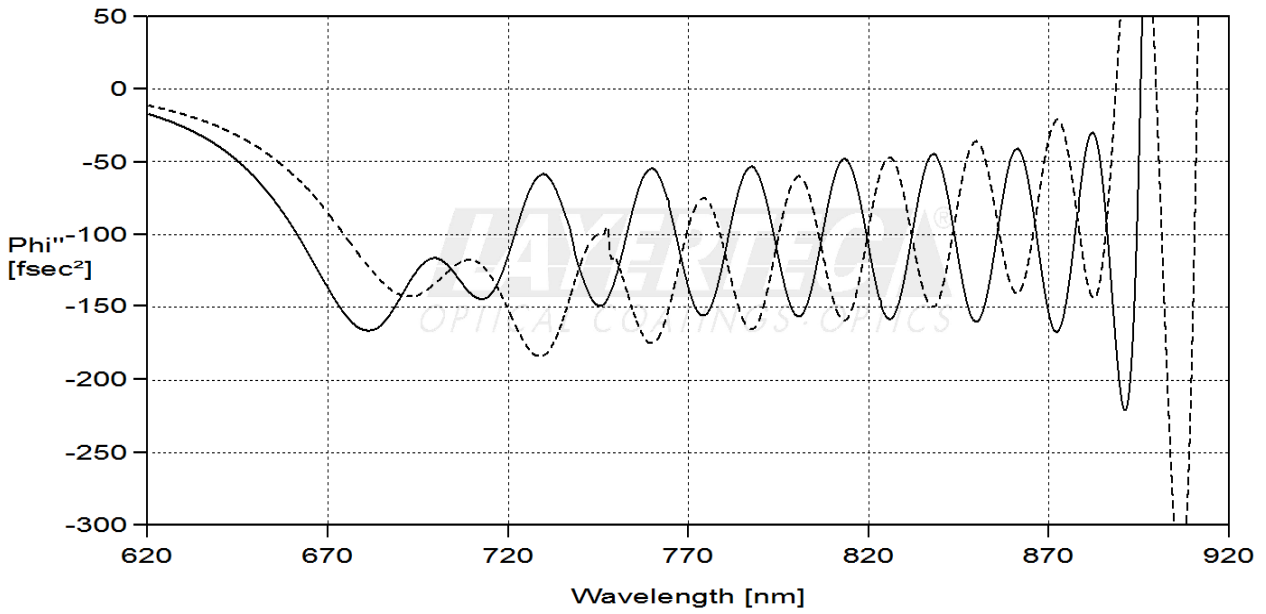
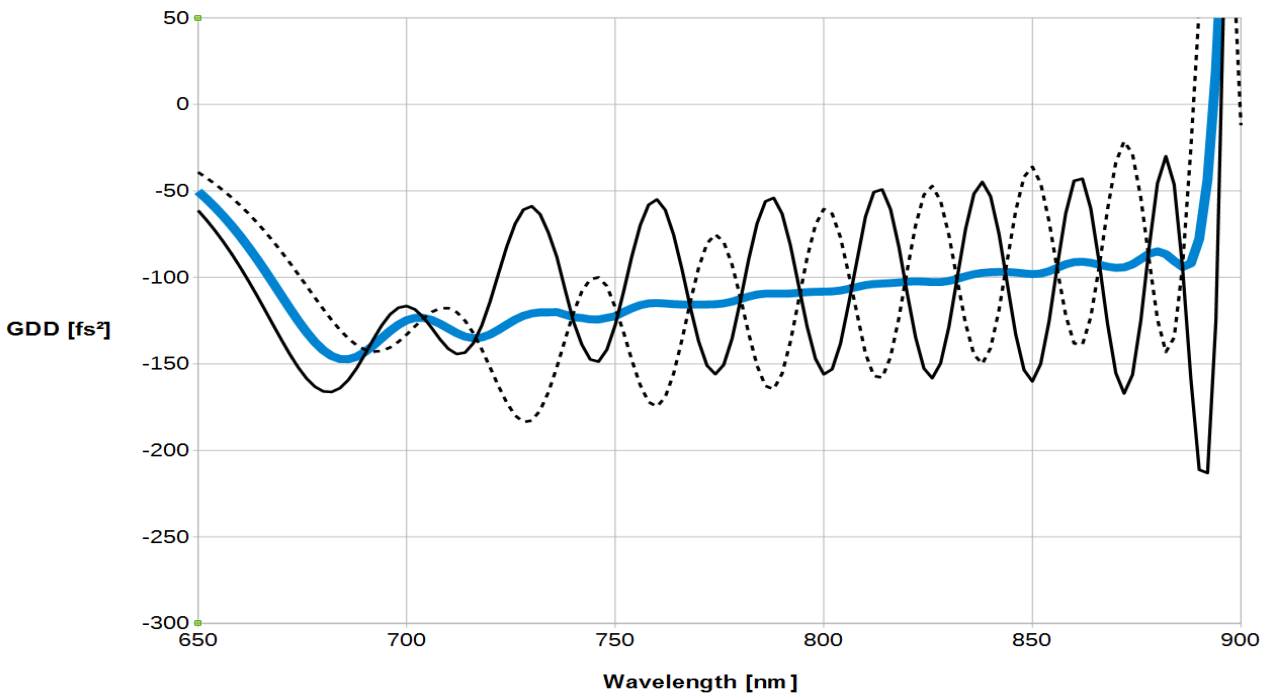


fig. 5 calculated GDD-R(0°) with average value (blue)



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