

Coating 137180 + 137181

Chirped mirror pair

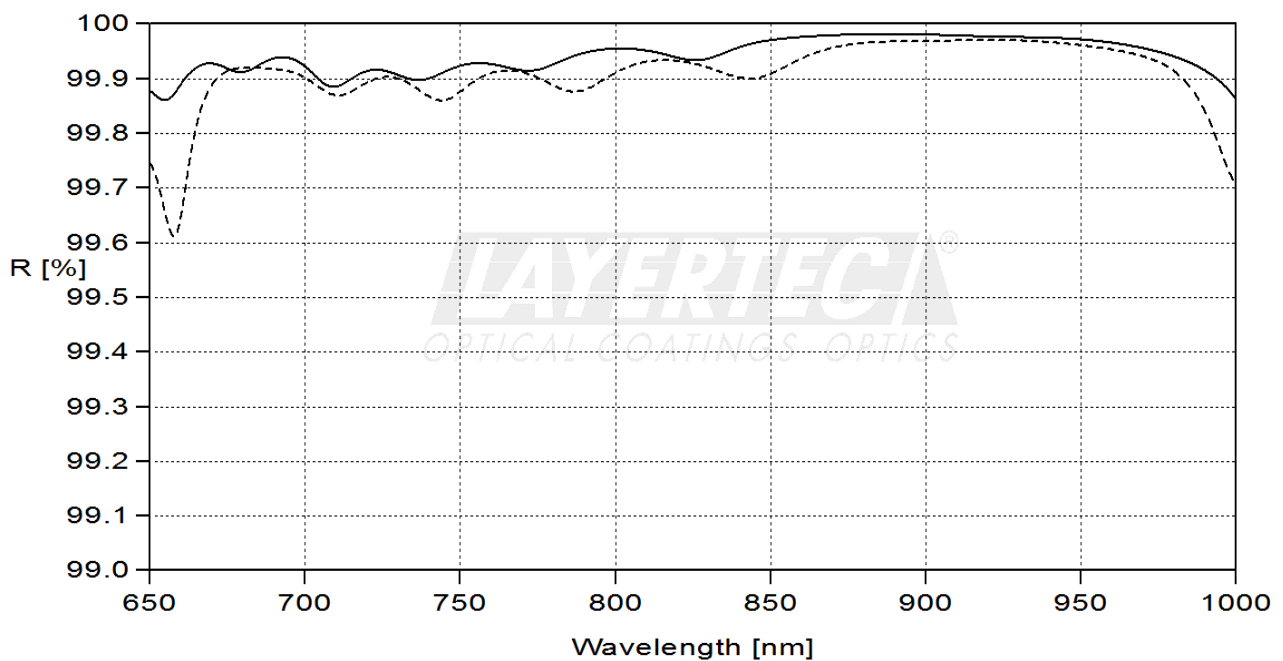
HRsp(0-10°,670-970 nm)>99.8%

GDD-Rsp(0-10°,680-960nm)= -50 +/-150fs²

optimized to compensate 1,4 mm FS with one bounce (average value after two bounces)

please note _____ 137180 - - - - - 137181

fig. 1 R(0°) HR region



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fig.2 calculated GD-R(0°)

red => [GD-R(137180) + GD-R(137181)] / 2

black => GD of 1,4 mm Fused Silica

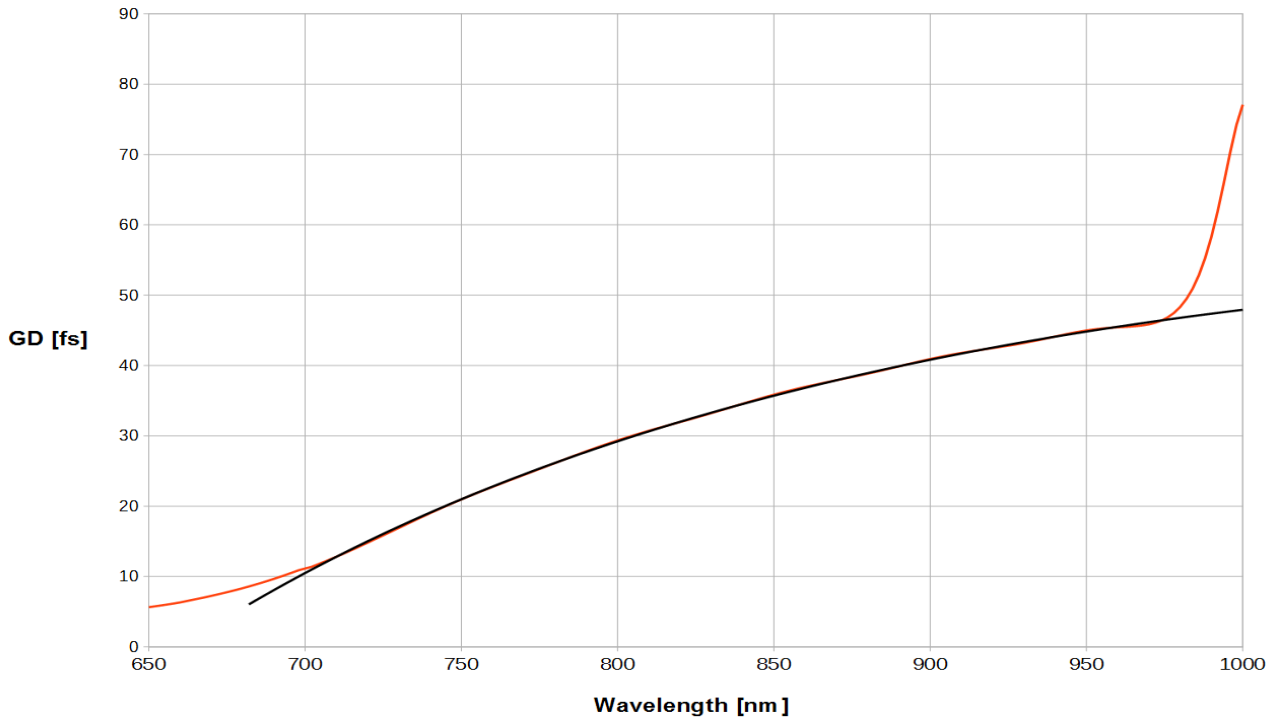


fig. 3 difference between the black and the red curve (fig. 2)

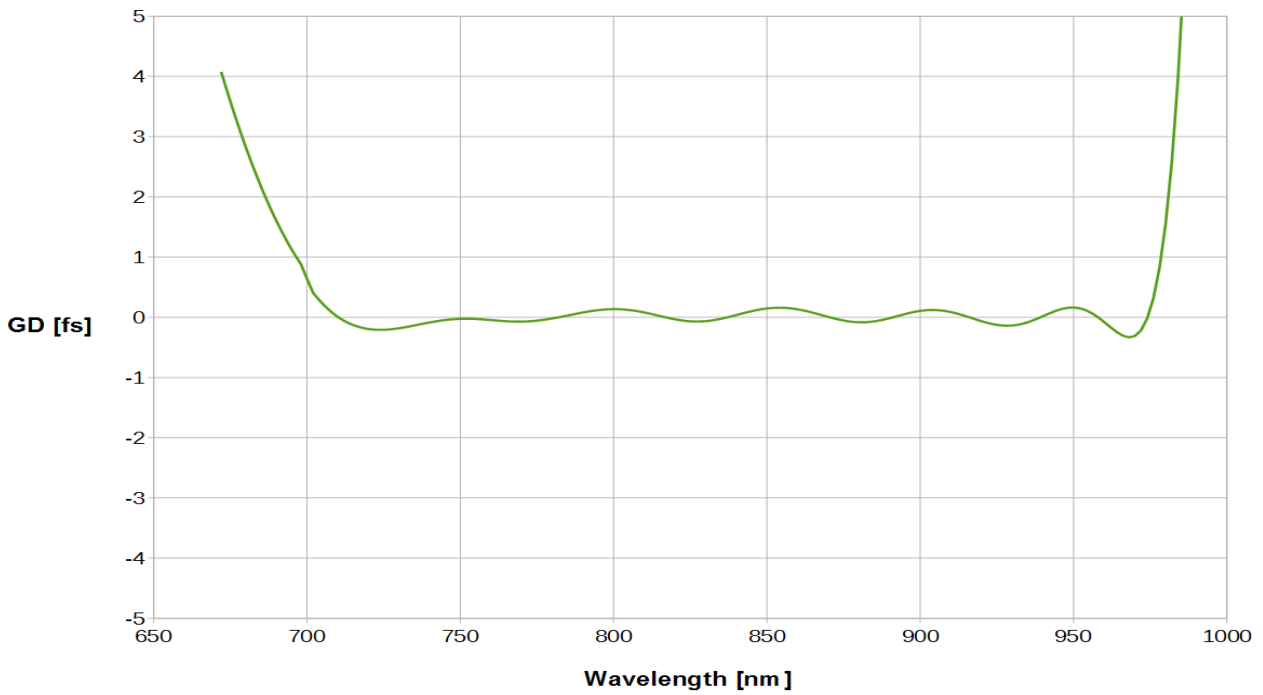
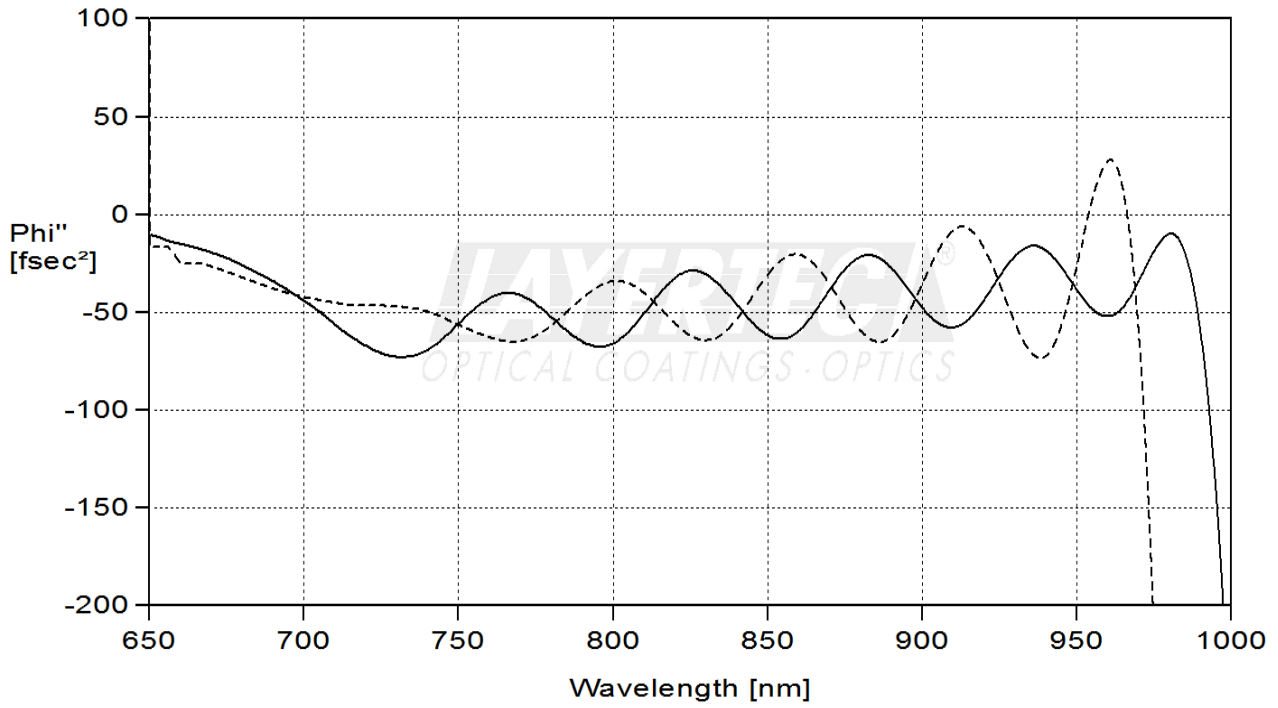


fig. 4 calculated GDD-R(0°)



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