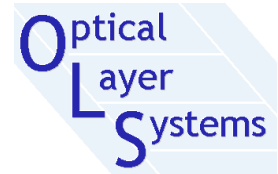
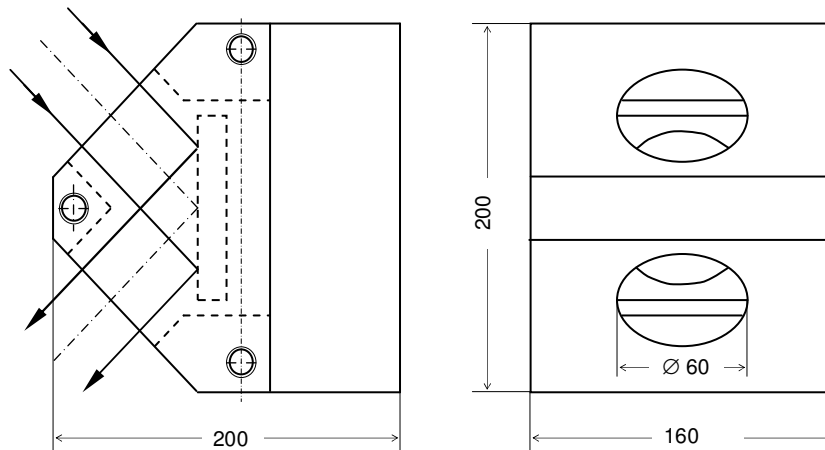


Scanning Mirror SCM3.2.248

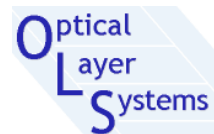
OLS GmbH, original product



Parameters	Values	Remarks
dimensions (hxlxw)	162mm x 160mm x 176mm	
weight	about 2,5kg	
optics	R > 99,5%, 45° mirror	
optics diameter	ca. 50mm	
angle of light deviation	45°	(average value)
wavelength	248nm	
damage threshold	2 J/cm ²	at 20 ns-Laser pulse, λ=248nm
ambient temperature	15 - 30°C	
<u>scanning mode</u>		
tilting in	2 axes	
range of scanning	± 1.5°	
resolution for Y-axis	< 1.6 mrad	
resolution for X-axis	< 2.5 mrad	
reproducibility of positioning	< 0.5 mrad	
dynamics of positioning	<10ms at 5mrad mirror travel	(i.e. >0.5 mrad/ms)



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