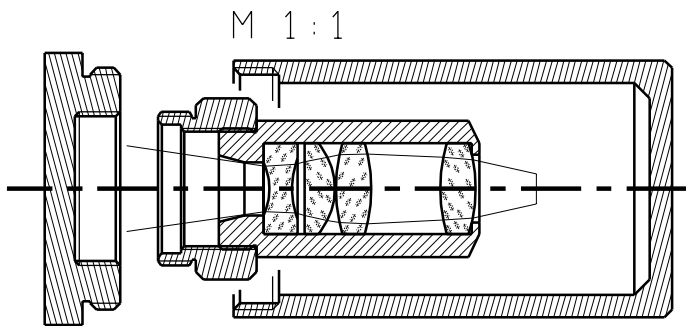


polychromatic microobjective OML 8.3.10  
 f = 10 mm, f:3 (usable up to f:2)

wave-length [nm]	best focusing [mm]	(calculated) spot sizes [ $\mu$ m]
193	-1.84	2.3
248	-0.29	2.9
266	0	3.1
308	+0.48	3.3
355	+0.83	3.4
532	+1.41	3.6
633	+1.56	3.6
1064	+1.86	3.3

The spot sizes of the table are calculated geometrically for an utilized aperture of 4 mm. At the nominal aperture (f:3) the objective is diffraction limited for all wavelengths >240 nm.



(drawn : maximum used  $\varnothing$ )

Bernhard Halle Nachfl. GmbH Optische Werkstätten Hubertusstr. 10, D-12163 Berlin		Maßstab 2:1 (1:1)													
<table border="1"> <tr> <td></td> <td>Datum</td> <td>Name</td> </tr> <tr> <td>Bearb.</td> <td>13.12.02</td> <td>Lu</td> </tr> <tr> <td>Gepr.</td> <td></td> <td></td> </tr> <tr> <td>Norm</td> <td></td> <td></td> </tr> </table>			Datum	Name	Bearb.	13.12.02	Lu	Gepr.			Norm			synthetic fused silica	
	Datum	Name													
Bearb.	13.12.02	Lu													
Gepr.															
Norm															
DIN 3140 DIN 7168-f		Dimensions and Interfaces													
		polychromatic microobj. f=10mm													
		OML8310													
Zust. Änderung		Bl. / vor													