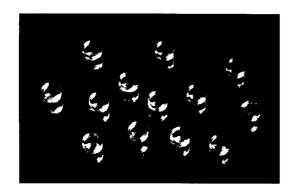
## Kollimatorlinsen





Let's make things better.

	LEN046		LEN100	LEN183
Lenstype	bi aspherical		mono aspherical	mono aspherical
Outer diameter D (mm)	7,4		6,28	6,28
Thickness h (mm)	3,05		2,44	2,44
N.A.	0,4		0,2	0,12
Clear Aperture (mm)	3,7		4,1	4,3
Wavelength (nm)*	670	785	670	670 785
Focal Length (mm)	4,60	4,64	10,0	18,15 18,33
Back Focal Length (mm)	3,18	3,20	9,21	17,51 17,69
Free Working Dist. FWD (mm)	3,08	3,10	8,48	16,30 16,48
RMS Wavefront (m $\lambda$ ) on axis	40		80	30
Total	70		90	35
Optical Tolerances (mm)	0,1		0,1	0,1
Field Radius (mm)	0,1		0,2	0,3
Storage Temperature (°C)	-25+70		-25+100	-25+100
Operating Temperature (°C)	+5+65		-10+75	-10+75

**General Data:** 

Transmission (%): >90

(CDW042 > 80)

Lens Material: Optical Plastic Designed with Laser Coverglass:

Bk7, 0,25mm thick, 0,55 mm from

source

<sup>\*</sup> Lenses could be used at other wavelength than the designwavelength.