

Optics selection

OPTICS	DESCRIPTION	
GAUSSIAN LINE (LINE WITH GAUSSIAN DISTRIBUTION OF INTENSITY ALONG THE LINE)		
LGx	Gaussian line with fan angle (x) 3°, 5°, 10°, 15°, 20°, 30° or 90°	We recommend to use max. 50% of the total length of Gaussian lines
RASTER LENSES		
LRx	Raster lenses with fan angle (x) 20° or 30°	
POWELL LENSES (LINE WITH HOMOGENEOUS DISTRIBUTION OF INTENSITY ALONG THE LINE)		
LPx	Powell lens with fan angle (x) 5°, 10°, 15°, 30°, 45°, 60°, 75° or 90°	We recommend to use max. 80% of the total length of Powell lines
POINTS		
PE	elliptical point	
PZ	circular point	
DOE MULTI-POINT GRID		
17x17P14	17 x 17 Point grid with 15° fan angle in x and y direction	@ 635nm
21x21P5	21 x 21 Point grid with 5° fan angle in x and y direction	
16x16P5	16 x 16 Point grid with 5° fan angle in x and y direction	
17x17P5	17 x 17 Point grid with 5° fan angle in x and y direction	
13x13P4	13 x 13 Point grid with 4° fan angle in x and y direction	
51x51P22	51 x 51 Point grid with 22° fan angle in x and y direction	
11x11P28	11 x 11 Point grid with 28° fan angle in x and y direction	
DOE MULTI-LINES		
7L21	7 parallel lines with 22° fan angle in x and y direction	@635nm
5L6	5 parallel lines with 6° fan angle in x direction and 29° in y direction	
7L5	7 parallel lines with 5° fan angle in x direction and 7° in y direction	
5L17	5 parallel lines with 17° fan angle in x and y direction	
11L30*	11 parallel lines with 30° fan angle in x and y direction	
25L27	25 parallel lines with 26° fan angle in x and y direction	
65L17	65 parallel lines with 18° fan angle in x and y direction	
SQUARE GRID		
51x51Q23	51x51 Square grid with 21° fan angle in x and y direction	@ 594nm
CROSS		
X5	Cross with 5° fan angle in x and y direction	@ 635nm
X10	Cross with 10° fan angle in x and y direction	
X15	Cross with 15° fan angle in x and y direction	
X25	Cross with 25° fan angle in x and y direction	@ 488nm
X30	Cross with 28° fan angle in x and y direction	
X45	Cross with 45° fan angle in x and y direction	@ 635nm
X60	Cross with 60° fan angle in x and y direction	
CIRCLES		
72DC25	Circle consisting of 72 points with 19° fan angle	@ 488nm
16DC11	Circle consisting of 16 points with 11° fan angle	@ 635nm
C34	Circle with 26° fan angle	@ 488nm
5C28	5 concentric rings with 28° fan angle	

* Model 11TL30 available with thinner lines. Other optics on request.