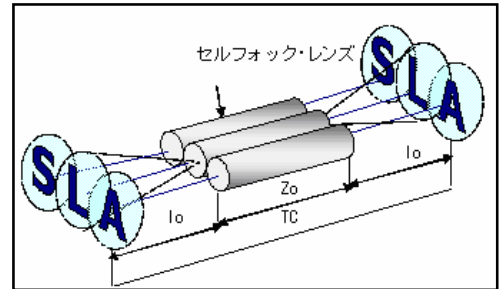


Linear lens arrays by NSG

Beside lenses from other manufacturers EURECA also supplies linear lens arrays by NSG (also known as SLA lenses; SLA = Selfoc Lens Arrays). These special lenses consist of a row of individual gradient lenses. The main applications for these products are the use in scanners of fax machines.

These linear lenses are available in different standard lengths as e.g. A3, A4 or A5. On request we can supply them however also in customized lengths.



Designation	TC* [mm]	Lens rows	Width [mm]	MTF at 6LP/mm [%]		DOF** [mm]	Chromatic aberration [10E-3]
				average	min.		
SLA06A	74,0	2	22,90	45	25	±0,8	4,4
	70,0		20,72	48	28		
	64,0		17,38	50	30		
SLA09A	54,0	2	17,05	53	28	±0,6	2,3
	48,0		13,80	55	30		
	40,0	1	19,20	50	25		
SLA12A	43,0	2	13,94	60	30	±0,4	1,0
	38,0		11,25	65	40		
	32,0		7,84	70	50		
	44,2	1	14,58	60	30		
SLA12A(HR)	43,2	2	14,04	70	45	±0,45	
	43,0		13,94				
	32,1		7,89	73	50		
	32,0		7,84				
SLA12B	25,6	2	6,02	70	50	±0,4	
	25,5		5,97				
	49,5	1	18,80	60	30		
	40,6		14,22	65	35		
SLA20A	18,7	2	5,15	50	35	±0,3	41,0
	18,0		4,80				
	16,9		4,24				
	17,6	1	4,65				
SLA20B	15,1	2	4,10	55	45	±0,3	
	14,6		3,86				
	13,8		3,46				
	14,4	1	3,81				
SLA20D	9,1	1	2,40	60	50		

* TC = Distance between object and image

** DOF = Depth of view; indicated for a modulation transfer of 10% at 6 line pairs per millimetre.
The indicated value is not binding and should be used only as a rough estimate.