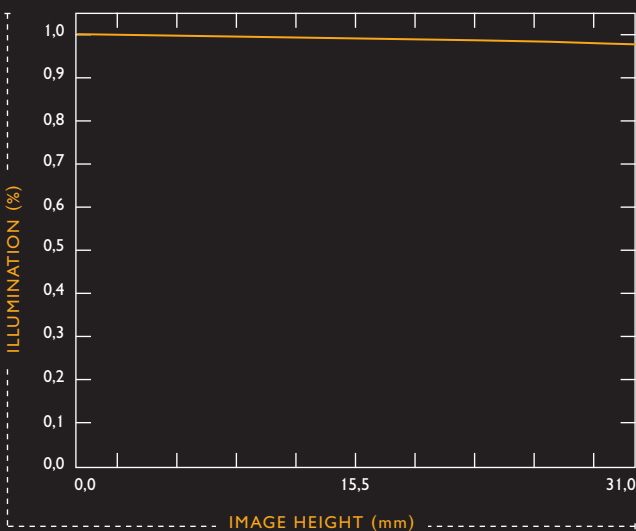


LENS DATA (PRELIMINARY)

LENS	FOCAL LENGTH	MAX APERTURE	SENSOR PIXEL SIZE NOMINAL	IMAGE CIRCLE	MAGNIFICATION RANGE	MOUNT TYPE V-MOUNT	FILTER THREAD	WEIGHT	CODE NO.
MRV 4.5/85 - 0001 CAS 0.5X - 2.0	85 mm	F 4.5	5 μ m	62 mm	0.5X - 2.0X	V-mount	M 37.0 x 0.75	200 g	1009001

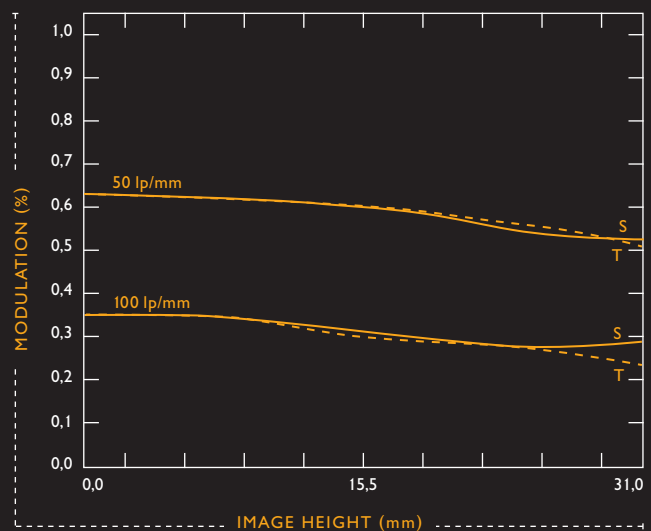
LENS	MAGNIFICATION	DISTORTION	WORKING DISTANCE	OBJECT-TO-IMAGE DISTANCE (00')	FLANGE-TO-IMAGE DISTANCE (s' _A)
MRV 4.5/85 - 0001 CAS 0.5X - 2.0X	0.5X	< 0.2 %	228 mm	378 mm	106 mm
	0.67X	< 0.1 %	186 mm	350 mm	121 mm
	1.0X	0 %	143 mm	335 mm	149 mm
	1.5X	< 0.1 %	114 mm	349 mm	192 mm
	2.0X	< 0.1 %	100 mm	378 mm	237 mm

RELATIVE ILLUMINATION



Relative illumination over the image height.

MODULATION TRANSFER FUNCTION



The MTF shows the contrast over the image height at 1X magnification.