



Beam Reducer Objective - Technical Data -

The beam reducer is an add-on to the standard CinCam Beam Profiler. It is designed for adjusting the laser beam size precisely to the effective area of the Beam Profiler. Thereby, the reduction factor and the measurement plane are calibrated. The beam reducer offers high performance optical designs packaged in a precise opto-mechanical platform. The input aperture allows beam profiling of lasers with diameters up to 12mm with CINOGY's CinCam systems.

	BR-UV/VIS-01	BR-VIS/NIR-01	BR-NIR-01
Spectral range:	350 - 700nm	650 - 1080nm	1040 - 1650nm
Ratio:	2x; 3x; 4x	2x; 3x; 4x	2x; 3x; 4x
Free aperture:	22mm	22mm	22mm
Beam diameter (1/e ²):	max 12mm	max 12mm	max 12mm
Damage threshold:	0.4J/cm ² (@ 10ns, 532nm) 300W/cm ²	2J/cm ² (@ 10ns, 810nm) 500W/cm ²	2J/cm ² (@ 10ns, 1550nm) 300W/cm ²
Calibration:	Reduction Factor Measurement Plane	Reduction Factor Measurement Plane	Reduction Factor Measurement Plane
Lens:	Achromatic Lens	Achromatic Lens	Achromatic Lens

Design and specification of the described product(s) are subject to change without notice.

