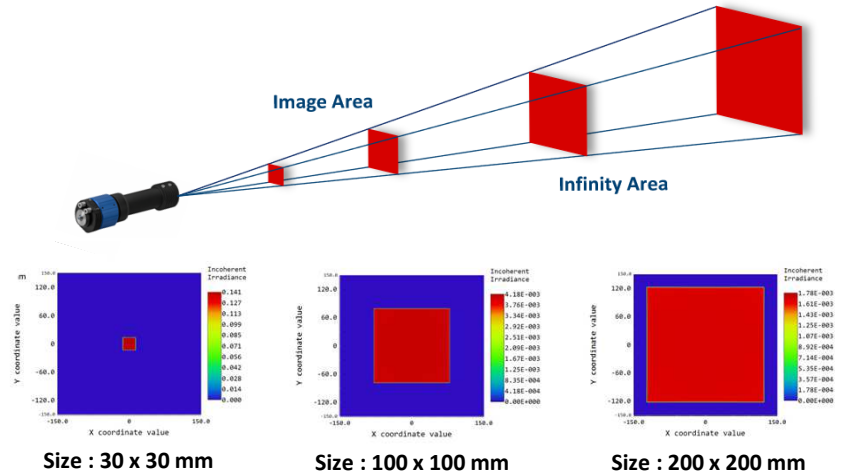


Infinity Flat top Imaging optics

IFI Series

Maintain a superior beam **UNIFORMITY OF OVER 90%** across all focal ranges, ensuring consistent process quality.



Technical Data	IFI-S	IFI-X4	IFI-X8
Wavelength ⁽¹⁾ [nm]	808, 976, 1064		
Fiber Core Size ⁽²⁾ [mm]	0.6 X 0.6		
Fiber NA	0.22		
LASER Power [W]	< 2000 (with Water Cooling)		
Connector Type ⁽¹⁾	QBH, D80		
Beam Profile	Flat Top Square		
Flat Top Size ⁽³⁾ [mm]	2 X 2 - 30 X 30	5 X 5 - 30 X 30	7 X 7 - 30 X 30
WD ⁽³⁾ [mm]	200 - 2500	50 - 540	50 - 320
Infinity Flat Top Size ⁽³⁾ [mm]	30 X 30 - ∞	30 X 30 - ∞	30 X 30 - ∞
Infinity WD ⁽³⁾ [mm]	2500 - ∞	540 - ∞	320 - ∞
Uniformity [%]	> 90		
Operating Temperature [°C]	0 to 60		
Storage Temperature [°C]	-20 to 80		
Relative Humidity [%]	10 to 95		

REMARKS

(1) Custom specifications are available upon request.

(2) Supports core sizes up to 1.2mm; image size scales proportionally to the core size

(3) The projected beam size relative to distance may vary depending on the specific system configuration, and the maximum achievable size is virtually unlimited