



## **Canon Stepper Specification** **FPA-2500 i3**

Reticle Size:	□6", 0.25"t, [□5", 0.09"t option]
Wafer Size:	6", 8" [ 4", 5" option ]
Magnification:	X 1/5
Numerical Aperture:	0.60 / 0.52
Image Field:	□20 mm [(X)11.14mm x (Y)26mm)
Printing Wavelength:	i-line (365 nm)
Resolution:	0.40 $\mu\text{m}$
Illumination Lamp:	1.5 kW super-high-pressure mercury lamp
Illumination Uniformity:	$\leq 1.2 \%$
Alignment Modes:	TTL Off-Axis He-Ne TV TTL Off-Axis Broad Band TV
Alignment Light Source:	He-Ne laser (633 nm) Broad Band (Halogen lamp)
Alignment Accuracy:	$\leq 0.1 \mu\text{m}$ (mean + 3 $\sigma$ )
Throughput:	$\geq 68$ wafers / hour (6", 32 shots) $\geq 44$ wafers / hour (8", 60 shot)
Wafer Leveling:	Die-by-die tilt Global tilt