

For Near-Infrared Applications

MML-NIR Series

The MML-NIR Series is designed for a wavelength band of 770 to 1200nm. This series provides special use MML lenses that allow the observation of in-wafer defects and rear patterns when combined with an infrared camera and illumination.



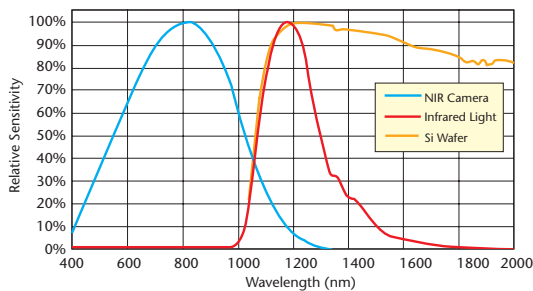
Model	Magnification	O/I	WD	Resolution	Depth of Field	NA	Effective FNo	TV Distortion	Largest Compatible Camera	Weight
MML4-80D-IR	×4	228.7mm	82.4mm	4μm	0.05mm	0.15	13.3	0.01% or less	2/3"	90g
MML6-80D-IR	×6	249.8mm	81.5mm	4μm	0.033mm	0.15	20.1	0.01% or less	2/3"	100g
MML8-80D-IR	×8	271.4mm	81mm	4μm	0.027mm	0.15	26.9	0.01% or less	2/3"	110g

* Depth of field is calculated assuming a horizontal 435TV resolution using a 2/3" CCD camera. (Permissible circle of confusion on the image-formation side: 30μ)

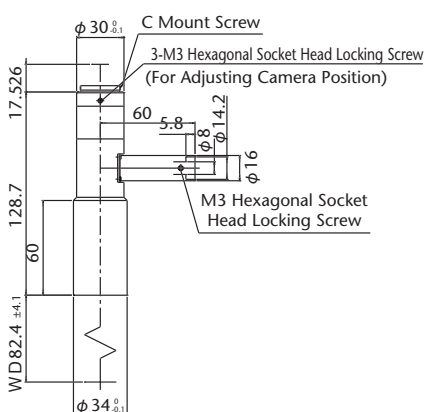
* Resolution values indicate the theoretical resolution at a wavelength of 985nm.

IR Illumination on P.134, P184 and Infrared 100W Halogen Light Source on P.198 are available.

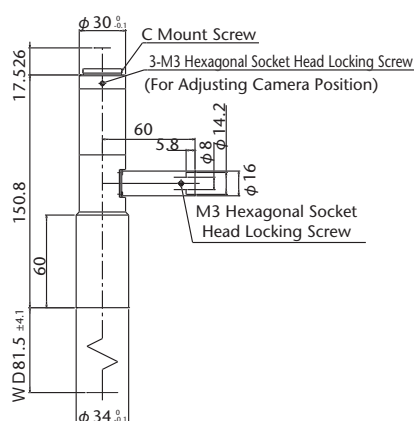
Spectral Characteristics



MML4-80D-IR



MML6-80D-IR



MML8-80D-IR

