

PMS-LLC026-14640M-M72

146 mm line-scan lens · 0.26× reference magnification

PMS-LLC026-14640M-M72 146 mm line-scan lens · 0.26× reference magnification in the 16K line-scan lenses range. Focal length 146 mm; iris range 4.0~16.



Published specifications	
Unit	mm
Image Circle	φ82 mm
Compatible Camera Pixel Size	5 μm
Iris Range	4.0~16
Focal Length	146 mm
Distortion	<0.002%
Relative Illumination	90%
Lens Mount	M72
Operating Environment	Temperature-10°C~+50°C; Humidity: 30-80% (no Condensation)
Line-scan Class	16K

Distances at published reference magnifications

Parameter	0.22×	0.26×	0.3×
Working Distance (mm)	752	644	571
Conjugate Distance (mm)	968	865	799

Published specification notes

The distance columns correspond, in order, to the published reference magnifications. Values are reproduced from the model table.

Technical drawing of the optical system showing the lens assembly and its dimensions. The drawing includes labels for the Object Plate, Fixed Tube, Iris Fixture Screw, and Image Plate. Dimensions are provided for the overall length (865 ± 9), the distance from the object plate to the lens (645 ± 5), the lens diameter ($\text{Ø}53.6$), the distance from the lens to the image plate (126.5 ± 2.5), the total distance from the object plate to the image plate (152.2 ± 2.5), the distance from the lens to the iris fixture screw (212.6), the distance from the iris fixture screw to the image plate (12 ± 0.1), and the image plate diameter ($\text{Ø}93$). The image plate is also labeled with $\text{M}90 \times \text{P}1.0-6\text{g}$.