

# LW07514

Infrared lens, long-wave, 75 mm, F1.4

## SPECIFICATIONS

### Optical specifications

Focal length	(mm)	75.00
F/#		1.4
Wavelength	( $\mu\text{m}$ )	8.0-14.0
Average transmission	(%)	90
Circular FOV <sup>1</sup>	( $^{\circ}$ )	15.9
Working distance	(mm)	750/ $\infty$
Image diagonal <sup>2</sup>	(mm)	21.0
Distortion <sup>3</sup>	(%)	0.20
CTF @ 30 lp/mm	(%)	38.43
Image-side numerical aperture		0.336

### Mechanical specifications

Mount <sup>4</sup>		Custom
Locking screw		Yes
Back focal length	(mm)	14.63
Length <sup>5</sup>	(mm)	106.41
Diameter	(mm)	85
Mass <sup>6</sup>	(g)	850

