

LW05014

Infrared lens, long-wave, 50 mm, F1.4

SPECIFICATIONS

Optical specifications

Focal length	(mm)	50.00
F/#		1.4
Wavelength	(μm)	8.0-14.0
Average transmission	(%)	90
Circular FOV ¹	($^{\circ}$)	23.7
Working distance	(mm)	500/ ∞
Image diagonal ²	(mm)	21.0
Distortion ³	(%)	0.20
CTF @ 30 lp/mm	(%)	40.70
Image-side numerical aperture		0.336

Mechanical specifications

Mount ⁴		Custom
Locking screw		Yes
Back focal length	(mm)	18.00
Length ⁵	(mm)	51.50
Diameter	(mm)	71
Mass ⁶	(g)	300

