


Focal Length	50mm
F/#	1.0
Spectral Range	8~12μm
Transmittance	>90%
Detector	640x512 / 12μm
FOV	8.8° × 7°
Focusing Method	Motorized
Focus Range	5m ~ ∞
Mount Type	Flange
Lens Size	Ø59mm / L49mm
Rear Working Distance	12.73mm
Weight	240g ± 5%
Coating	HD
Operating Temperature	-40°C ~ 60°C
Storage Temperature	-40°C ~ 80°C
IP Grade	IP67 (Front Mirror)

Drawing No.	NZLMF50F1		SOT-LW-MF-50F1	
	Signature	Date		
Designed by			 Shape Optics Technologies Pte Ltd	
Reviewed by				
Approved by				
				Sheet 1 of 1