


Focal Length	90mm
F/#	1.0
Spectral Range	8~12 μ m
Transmittance	>89%
Detector	640x512 / 12 μ m
FOV	4.9° × 3.9°
Focusing Method	Athermal
Focus Range	9m ~ ∞
Mount Type	M42 x 0.75
Lens Size	Ø97mm / L110.5mm
Rear Working Distance	14.13mm
Weight	561g ± 5%
Coating	AR
Operating Temperature	-40°C ~ 60°C
Storage Temperature	-40°C ~ 80°C
IP Grade	IP67 (Front Mirror)

Drawing No.	NZLA90F1		SOT-LW-A-90F1	
	Signature	Date		
Designed by			 Shape Optics Technologies Pte Ltd	
Reviewed by				
Approved by				
				Sheet 1 of 1