


Focal Length	50mm
F/#	1.0
Spectral Range	8~12 μ m
Transmittance	>88%
Detector	640x512 / 12 μ m
FOV	8.8° × 7.0°
Focusing Method	Athermal
Focus Range	5m ~ ∞
Mount Type	M34 x 0.5
Lens Size	Ø58.4mm / L55mm
Rear Working Distance	7.5mm
Weight	145.1g ± 5%
Coating	DLC
Operating Temperature	-40°C ~ 60°C
Storage Temperature	-40°C ~ 80°C
IP Grade	IP67 (Front Mirror)

Drawing No.	NZLA50F1		SOT-LW-A-50F1	
	Signature	Date		
Designed by			 Shape Optics Technologies Pte Ltd	
Reviewed by				
Approved by				