


Focal Length	100mm
F/#	1.0
Spectral Range	8~12 μ m
Transmittance	>89%
Detector	640x512 / 12 μ m
FOV	4.4° × 3.5°
Focusing Method	Manual
Focus Range	15m ~ ∞
Mount Type	M45 x 0.75
Lens Size	Ø110mm / L107.9mm
Rear Working Distance	7.5mm
Weight	527.4g ± 5%
Coating	HD
Operating Temperature	-40°C ~ 60°C
Storage Temperature	-40°C ~ 80°C
IP Grade	IP67 (Front Mirror)

Drawing No.	NZLM100F1		SOT-LW-M-100F1	
	Signature	Date		
Designed by			 Shape Optics Technologies Pte Ltd	
Reviewed by				
Approved by				
			Sheet 1 of 1	