


Focal Length	9.1mm
F/#	1.0
Spectral Range	8~12 μ m
Transmittance	>91%
Detector	640x512 / 12 μ m
FOV	45.8° × 37.3°
Focusing Method	Athermal
Focus Range	0.9m ~ ∞
Mount Type	M17 x 0.5 - 6g
Lens Size	Ø17.2mm / L12.1mm
Rear Working Distance	8.2mm
Weight	7.8g \pm 5%
Coating	HD
Operating Temperature	-40°C ~ 60°C
Storage Temperature	-40°C ~ 80°C
IP Grade	IP67 (Front Mirror)

Drawing No.	NZLA91F1H		SOT-LW-A-91F1H	
	Signature	Date		
Designed by			 Shape Optics Technologies Pte Ltd	
Reviewed by				
Approved by				
				Sheet 1 of 1