


Focal Length	75mm
F/#	1.0
Spectral Range	8~12 $\mu$ m
Transmittance	>89%
Detector	640x512 / 17 $\mu$ m
FOV	8.3° × 6.6°
Focusing Method	Athermal
Focus Range	7.5m ~ $\infty$
Mount Type	M38 x 0.5
Lens Size	Ø82mm / L87.6mm
Rear Working Distance	13.35mm
Weight	371.8g
Coating	AR
Operating Temperature	-40°C ~ 60°C
Storage Temperature	-40°C ~ 80°C
IP Grade	IP67 (Front Mirror)

Shape Optics Technologies Pte Ltd

Drawing No.	NZLA75F1			<b>SOT-LW-A-75F1</b>	
		Signature	Date		
Designed by				 <b>Shape Optics Technologies Pte Ltd</b>	
Reviewed by					
Approved by					
					Sheet 1 of 1