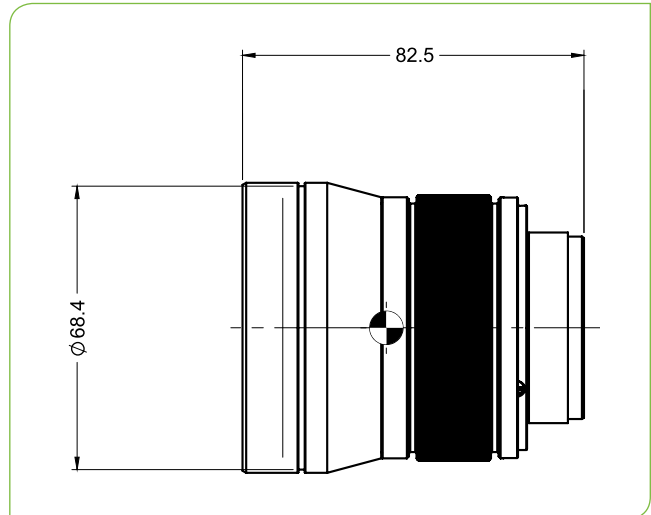


# SupIR 75mm f/1.2, Manual Focus 680318

TYPICAL ICD\*



**HD**  
FORMAT



LWIR | 1-FOV

HFOV	320x240	384x288	640x480	1024x768
17μ	4.1°	4.9°	8.2°	
12μ	2.9°	3.5°	5.8°	9.3°

Property	Value				
<b>Optical</b>					
Focal Length	75mm				
F#	1.2				
Average transmission (8-12μm)	86% (HC)				
Back Focal Length	14.33mm in air				
<b>Mechanical</b>					
Focus Mechanism	Manual				
Depth of Field	400m to infinity				
Focus Range	5m to infinity				
Weight	271gr				
Max. Dimensions	Ø68.4mm x 82.5mm				
<b>Environmental</b>					
Operation Temperature	-30°C to +70°C				
Storage Temperature	-40°C to +85°C				
Sealing	IP 67 front element only				
<b>Configurations</b>	<b>Weight (gr)</b>	<b>Dimensions</b>	<b>BWD**</b>	<b>Thread</b>	<b>Coating</b>
680318-001	271	Ø68.4mm x 82.5mm	9.63	M46x0.5	HC

\* The ICD drawing provided here is primarily a representation and may not accurately reflect the product's actual dimensions and specifications. For precise integration specifications contact your local sales representative.

\*\* The BWD value is calculated for a unique detector setup with varying sealing windows in terms of thickness and material. For more details, contact your local sales representative.