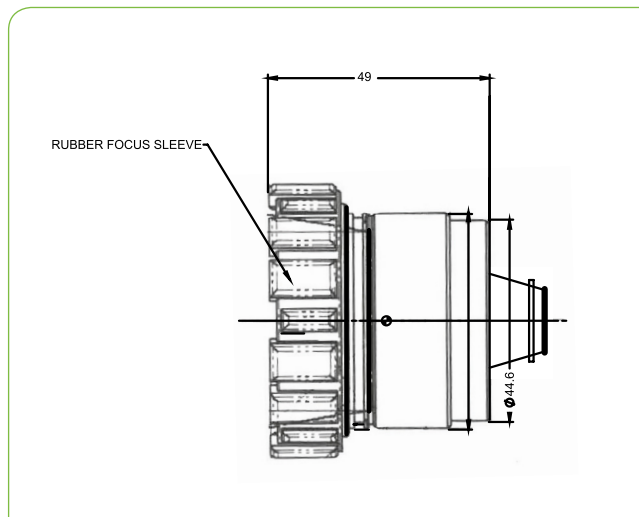


# SupIR 40mm f/1.0, Manual Focus 680395\*

TYPICAL ICD\*



**HD**  
FORMAT



LWIR | 1-FOV

HFOV	320x240	384x288	640x480	1024x768
25μ	11.3°	13.5°		
17μ	7.8°	9.3°	15.3°	
12μ	5.5°	6.6°	10.9°	17.2°

Property	Value				
<b>Optical</b>					
Focal Length	40mm				
F#	1.0				
Average transmission (8-12μm)	94% (HD) / 87% (HC)				
Back Focal Length	17.82mm in air				
<b>Mechanical</b>					
Focus Mechanism	Manual				
Depth of Field	100m to infinity				
Focus Range	3m to infinity				
Weight	144gr				
Max. Dimensions	Ø61mm x 49mm				
<b>Environmental</b>					
Operation Temperature	-40°C to +80°C				
Storage Temperature	-50°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>
680395-001	144	Ø61mm x 49mm	12.15	M48x0.75	HD
680395-002					HC

\* Requires export license

\* 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.