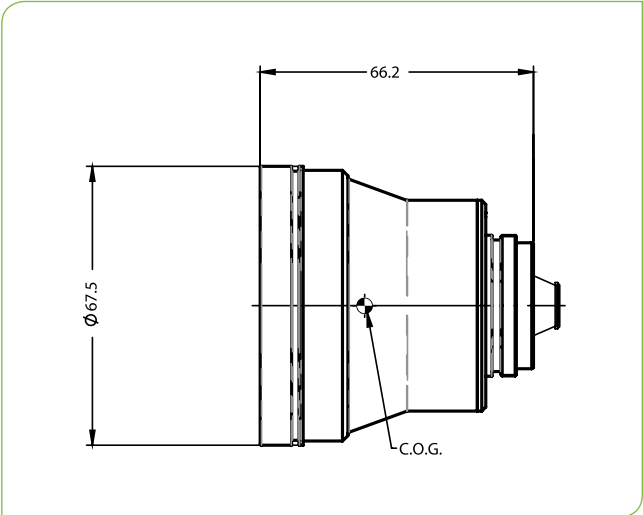


# SupIR 55mm f/1.0, Fixed Athermalized 680372

TYPICAL ICD\*



**HD**  
FORMAT



LWIR | 1-FOV

HFOV	320x240	384x288	640x480	1024x768
17μ	5.7°	6.8°	11.3°	
12μ	4.0°	4.8°	8.0°	12.7°
10μ	3.3°	4.0°	6.4°	10.6°

Property			Value		
Optical					
Focal Length			55mm		
F#			1.0		
Average transmission (8-12μm)			91% (HD)		
Back Focal Length			12.03mm in air		
Mechanical					
Focus Mechanism			Fixed		
Depth of Field			150m to infinity		
Focus Range			1.5m to infinity		
Weight			181gr		
Max. Dimensions			Ø67.5mm x 66.2mm		
Environmental					
Operation Temperature			-40°C to +80°C		
Storage Temperature			-54°C to +85°C		
Sealing			IP 67 front element only		
Configurations	Weight (gr)	Dimensions	BWD**	Thread	Coating
680372-001	181	Ø67.5mm x 66.2mm	6	M34x0.5	HD
680372-002					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.