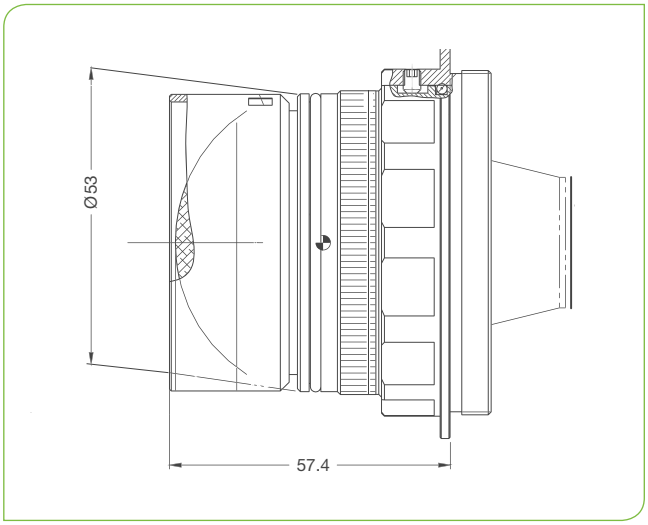
SupIR 50mm f/1.2, Manual Athermalized
680193



HD
FORMAT

Ge
FREE

TYPICAL ICD*



HFOV	320x240	384x288	640x480	1024x768
17µ	6.2°	7.48°	12.4°	19.8°
12µ	4.4°	5.3°	8.8°	14.0°

Property	Value
Optical	
Focal Length	50mm
F#	1.2
Average transmission (8-12µm)	92% (HD) / 85% (HC)
Back Focal Length	29.75mm in air
Mechanical	
Focus Mechanism	Fixed
Depth of Field	150m to infinity
Focus Range	3m to infinity
Weight	216gr
Max. Dimensions	Ø53mm x 57.4mm
Environmental	
Operation Temperature	-40°C to +80°C
Storage Temperature	-55°C to +85°C
Sealing	IP 67 front element only

Configurations	Weight (gr)	Dimensions	BWD**	Thread	Coating
680193-001	216	Ø53mm x 57.4mm	13.65	2 5/16”-36 UNS	HD
680193-002					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.