

## FLIR IR Windows



Model Number	FLIR 2" - IRW-2C	FLIR 3" - IRW-3C	FLIR 4" - IRW-4C
<b>General Specifications</b>			
NEMA Environment Type	Type 4/12 (outdoor/indoor)		
Maximum Operating Temperature	500°F/260°C		
<b>Optic Specifications</b>			
Crystal Insert Diameter	50mm (1.97")	75mm (2.95")	95mm (3.74")
Viewing Aperture Diameter	45mm (1.77")	69mm (2.71")	89mm (3.50")
Viewing Aperture Area	1590mm <sup>2</sup> (2.46in <sup>2</sup> )	3739mm <sup>2</sup> (5.79in <sup>2</sup> )	6221mm <sup>2</sup> (9.64in <sup>2</sup> )
Window Thickness	2mm (0.07")		
Optic Maximum Temperature	1355.6°C (2474°F)		
Voltage Range	Any		
Body Material	Anodized Aluminum or Stainless Steel AISI 316		
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Overall Height	85.5mm (3.36")	107.4mm (4.22")	136.5mm (5.37")
Overall Width	73mm (2.87")	99mm (3.89")	127.44mm (5.01")
Overall Thickness	25.5mm (1.00")	26.86mm (1.05")	29.25mm (1.15")
Required Hole Diameter (Nominal)	2-3/8" (60.3mm)	3.5" (88.9mm)	4.5" (114.3mm)
Greenlee Punch	76BB	739BB	742BB
Broadband IR -- Short-, Mid-	x	x	x

, & Longwave			
Visible Light Spectrum	x	x	x
Picture-in-Picture & Fusion Image Blending	x	x	x
<b>Ratings &amp; Testing</b>			
Underwriters Laboratories (UL 50V)	x	x	x
UL 50 Environment	Type 4/12		
CSA Certification, Product Class 3211 07	x	x	x
KEMA (IEC 62271-200)	Arc flash test standard: 5kV, 63kA for 30 cycles at 60Hz		
TUV (IEC 60529)	IP67		
TUV (IEC 60068-2-6)	100 m/s <sup>2</sup> vibration withstand		
TUV (IEC 60068-2-3)	15-day extreme humidity withstand		
TUV (ANSI/IEEE C37.20.2 section A3.6)	Impact Resistant Cover		
Maximum Pullout Strength	657 kg (1450 lbs)	1655 kg (3650 lbs)	1678 kg (3700 lbs)
<b>Other</b>			
Warranty	Limited Lifetime Warranty Against Manufacturer Defects		