

## P/N: T300805

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### Document identity

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### Website

<http://www.flir.com>

### Customer support

<http://support.flir.com>

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| General description  |  |
|--|--|
| <b>NOTE:</b>   |  |
| <ul style="list-style-type: none"> <li>When the 80° lens is mounted on the camera, it blocks and disables the visual camera and the LED torch on the front of the camera.</li> </ul> |  |
| Imaging and optical data   |  |
| Field of view (FOV)  | 80° × 63°  |
| Minimum focus distance   | 0.1 m (0.33 ft.)   |
| Focal length   | 5 mm (0.19 in.)  |
| Spatial resolution (IFOV)  | Dependent on the IR resolution of the camera: <ul style="list-style-type: none"> <li>320 × 240 pixels: 5.2 mrad/pixel</li> <li>464 × 348 pixels: 3.6 mrad/pixel</li> <li>640 × 480 pixels: 2.6 mrad/pixel</li> </ul> |
| Lens identification  | Yes, service calibration required  |
| F-number   | 1.3  |
| Physical data  |  |
| Weight   | 0.43 kg (0.95 lb.)   |
| Size (L × D)   | 85 × 71 mm (3.3 × 2.8 in.)   |
| Shipping information   |  |
| Packaging, type  | Cardboard box  |
| List of contents   | <ul style="list-style-type: none"> <li>Lens</li> <li>Lens case</li> <li>Front lens cap</li> </ul>  |
| Packaging, weight  | 0.80 kg (1.8 lb.)  |
| Packaging, size  | 300 × 100 × 200 mm (11.8 × 3.94 × 7.87 in.)  |
| EAN-13   | 7332558032992  |
| UPC-12   | 845188030131   |
| Country of origin  | Sweden   |

### Compatible with the following products:

- 85900-0000; FLIR A700 Thermal Core



## IR lens, f=5 mm (80°) with case

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- 90600-0000; FLIR A500 Thermal Core
- 91900-0000; FLIR A400 Thermal Core
- 79301-0101; FLIR T530 14°
- 79302-0101; FLIR T530 24°
- 79304-0101; FLIR T530 24° + 14°
- 79306-0101; FLIR T530 24° + 14° & 42°
- 79305-0101; FLIR T530 24° + 42°
- 79303-0101; FLIR T530 42°
- 79307-0101; FLIR T530 42° + 14°
- 79308-0101; FLIR T530 Dual FOV 14° + 24°
- 79301-0201; FLIR T540 14°
- 79302-0201; FLIR T540 24°
- 79304-0201; FLIR T540 24° + 14°
- 79306-0201; FLIR T540 24° + 14° & 42°
- 79305-0201; FLIR T540 24° + 42°
- 79303-0201; FLIR T540 42°
- 79307-0201; FLIR T540 42° + 14°
- 79308-0201; FLIR T540 Dual FOV 14° + 24°
- 89001-0101; FLIR T560 14°
- 89002-0101; FLIR T560 24°
- 89004-0101; FLIR T560 24° + 14°
- 89006-0101; FLIR T560 24° + 14° & 42°
- 89005-0101; FLIR T560 24° + 42°
- 89003-0101; FLIR T560 42°
- 89007-0101; FLIR T560 42° + 14°
- 89009-0101; FLIR T560 Dual FOV 14° + 24°
- 79309-0101; FLIR T530 80°
- 79309-0201; FLIR T540 80°
- 89010-0101; FLIR T560 80°
- 82501-0201; FLIR T840 14°
- 82502-0201; FLIR T840 24°
- 82504-0201; FLIR T840 24° + 14°
- 82506-0201; FLIR T840 24° + 14° & 42°
- 82509-0201; FLIR T840 24° + 14° & 6°
- 82505-0201; FLIR T840 24° + 42°
- 82508-0201; FLIR T840 24° + 6°
- 82503-0201; FLIR T840 42°
- 82507-0201; FLIR T840 42° + 14°
- 82510-0201; FLIR T840 Dual FOV 14° + 24°
- 89201-0101; FLIR T860 14°
- 89202-0101; FLIR T860 24°
- 89204-0101; FLIR T860 24° + 14°
- 89206-0101; FLIR T860 24° + 14° & 42°
- 89211-0101; FLIR T860 24° + 14° & 6°
- 89205-0101; FLIR T860 24° + 42°
- 89210-0101; FLIR T860 24° + 6°
- 89203-0101; FLIR T860 42°
- 89207-0101; FLIR T860 42° + 14°
- 89212-0101; FLIR T860 Dual FOV 14° + 24°
- 89201-0201; FLIR T865 14°
- 89202-0201; FLIR T865 24°
- 89204-0201; FLIR T865 24° + 14°
- 89206-0201; FLIR T865 24° + 14° & 42°
- 89213-0201; FLIR T865 24° + 14° & 6°
- 89205-0201; FLIR T865 24° + 42°
- 89212-0201; FLIR T865 24° + 6°
- 89203-0201; FLIR T865 42°
- 89207-0201; FLIR T865 42° + 14°
- 89214-0201; FLIR T865 Dual FOV 14° + 24°



## IR lens, f=5 mm (80°) with case

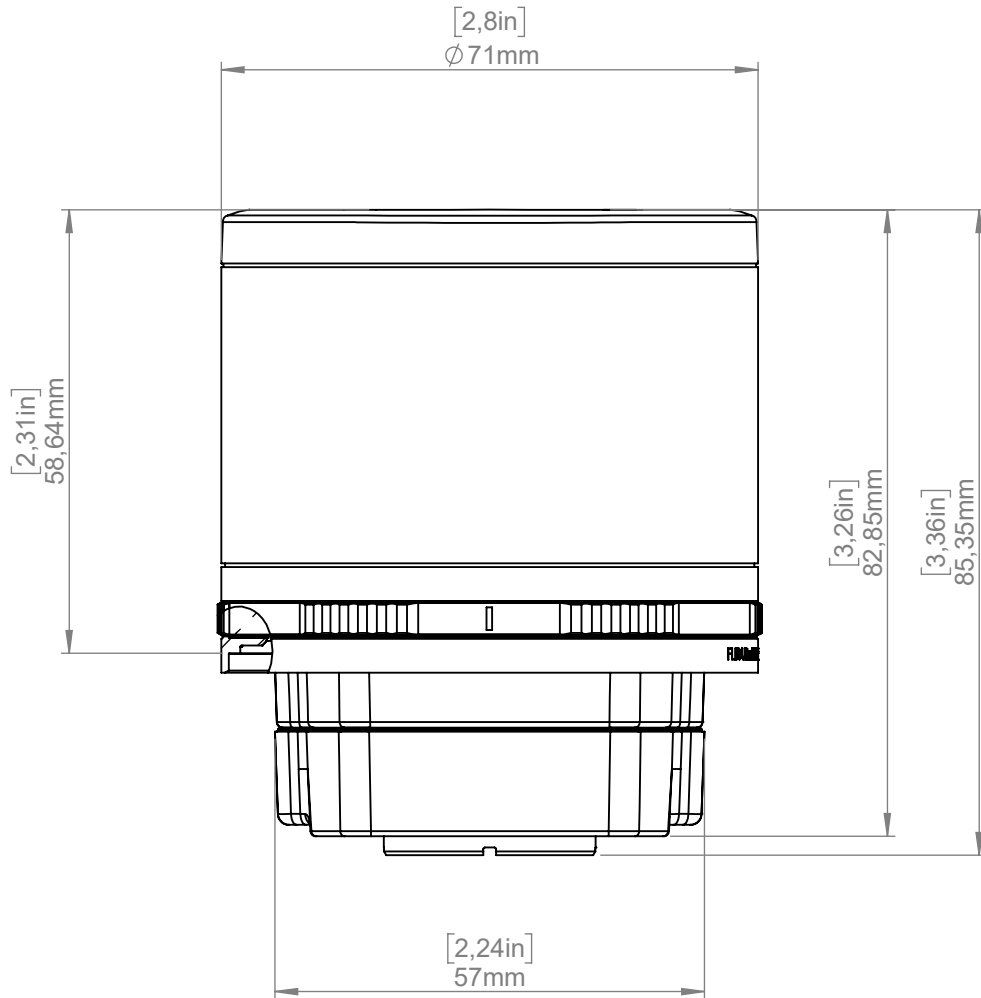
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- 82511-0201; FLIR T840 80°
- 89215-0201; FLIR T865 80°
- 78511-1101; FLIR E76 14°
- 78512-1101; FLIR E76 24°
- 78514-1101; FLIR E76 24° + 14°
- 78516-1101; FLIR E76 24° + 14° & 42°
- 78515-1101; FLIR E76 24° + 42°
- 78513-1101; FLIR E76 42°
- 78517-1101; FLIR E76 42° + 14°
- 78518-1101; FLIR E76 Dual FOV 14° + 24°
- 78511-1301; FLIR E86 14°
- 78512-1301; FLIR E86 24°
- 78514-1301; FLIR E86 24° + 14°
- 78516-1301; FLIR E86 24° + 14° & 42°
- 78515-1301; FLIR E86 24° + 42°
- 78513-1301; FLIR E86 42°
- 78517-1301; FLIR E86 42° + 14°
- 78518-1301; FLIR E86 Dual FOV 14° + 24°
- 90201-0101; FLIR E96 14°
- 90202-0101; FLIR E96 24°
- 90204-0101; FLIR E96 24° + 14°
- 90206-0101; FLIR E96 24° + 14° & 42°
- 90205-0101; FLIR E96 24° + 42°
- 90203-0101; FLIR E96 42°
- 90207-0101; FLIR E96 42° + 14°
- 90208-0101; FLIR E96 Dual FOV 14° + 24°
- 78519-1101; FLIR E76 80°
- 78519-1301; FLIR E86 80°
- 90209-0101; FLIR E96 80°

# IR LENS 5mm (80°)



|   |                            |                               |                      |
|---|----------------------------|-------------------------------|----------------------|
| Modified by<br><b>A. Agardson</b>                                 | Approved by<br><b>AKZE</b> | Modified<br><b>2023-08-28</b> |                      |
| This document does not contain any export-controlled information. |                            |                               |                      |
| Denomination<br><b>Basic dimensions for lenses</b>                |                            | Scale<br><b>1:1</b>           | Sheet<br><b>4(4)</b> |
|   |                            | Drawing No<br><b>T130322</b>  | Rev<br><b>D</b>      |