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## Zero Aperture, 37mm Max. Aperture, Mounted Iris Diaphragm



Stock #23-280 **3 In Stock**

⊖ 1 ⊕ C\$147<sup>00</sup>

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### Volume Pricing

|            |                               |
|------------|-------------------------------|
| Qty 1-4    | C\$147.00 each                |
| Qty 5-9    | C\$129.64 each                |
| Qty 10-25  | C\$119.42 each                |
| Need More? | <a href="#">Request Quote</a> |

### Product Downloads

### General

Mounted **Type:**

### Physical & Mechanical Properties

37.0 **Maximum Aperture (mm):**

|  |                             |
|--|-----------------------------|
| 78.0   | <b>Outer Diameter (mm):</b> |
| <b>Construction:</b><br>Black Anodized Aluminum, Black Spring Steel Leaves, Stainless Steel Pins |                             |
| 54.0   | <b>Inner Diameter (mm):</b> |
| 3.00   | <b>Lever Diameter (mm):</b> |
| 12.60  | <b>Lever Length (mm):</b>   |
| Two Sets of 8  | <b>Number of Leaves:</b>    |
| 7.50   | <b>Thickness (mm):</b>      |

### Optical Properties

|      |                               |
|------|-------------------------------|
| 0.00 | <b>Minimum Aperture (mm):</b> |
|------|-------------------------------|

### Threading & Mounting

|      |                          |
|------|--------------------------|
| 8-32 | <b>Mounting Threads:</b> |
| 4-40 | <b>Set Screw Thread:</b> |

### Regulatory Compliance

|                                  |                                    |
|----------------------------------|------------------------------------|
| <a href="#">Exempt</a>           | <b>RoHS 2015:</b>                  |
| <a href="#">View</a>             | <b>Certificate of Conformance:</b> |
| <a href="#">Contains SVHC(s)</a> | <b>Reach 235:</b>                  |

## Product Details

- Provide Total Light Extinction When Closed
- Aperture Sizes Up to 75mm
- Mounted Options Available

Zero Aperture Series Iris Diaphragms are designed and manufactured using the same high-quality movements as our [Standard Series Iris Diaphragms](#) but with the added benefit of total light extinction. This type of control is often used in systems where the dark signal (background noise) must be measured for calibration. For each iris, there are two additional relief leaves (not listed in table) that are not visible. These diaphragms are offered with maximum apertures of 12 – 75mm and have outer diameters ranging from 21 to 102mm. Zero Aperture Series Iris Diaphragms feature two sets of leaves which are mounted on different tiers and are moved by one lever.

For specific OEM application assistance, please contact our [Applications Engineering Department](#).

**Note:** [Iris Diaphragm Mounts](#) sold separately.

## Technical Information

| Outer Diameter A | Maximum Aperture B | Minimum Aperture C | Thickness D | Stock No.               |                         |
|------------------|--------------------|--------------------|-------------|-------------------------|-------------------------|
| 102mm            | 75mm               | 0mm                | 9.1mm       | <a href="#">#64-506</a> |                         |
| 21mm             | 12mm               |                    | 6.2mm       | <a href="#">#53-906</a> |                         |
| 29mm             | 12mm               |                    | 6.1mm       | <a href="#">#62-649</a> |                         |
| 38mm             | 25mm               |                    |             | <a href="#">#53-907</a> |                         |
| 54mm             | 37mm               |                    |             | 7.5mm                   | <a href="#">#53-908</a> |
| 72mm             | 50mm               |                    |             | 9.1mm                   | <a href="#">#53-909</a> |
| 37mm             | 12mm               |                    |             | 6.2mm                   | <a href="#">#62-653</a> |
| 54mm             | 25mm               |                    |             | 6.1mm                   | <a href="#">#62-654</a> |
| 67mm             | 37mm               |                    |             | 7.5mm                   | <a href="#">#62-655</a> |
| 88mm             | 50mm               |                    |             | 9.1mm                   | <a href="#">#62-656</a> |

**Zero Aperture Series Iris Diaphragms**



Units: mm