

[See all 13 Products in Family](#)

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



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

⊖ 1 ⊕ S\$147<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-4	S\$147.00 each
Qty 5-9	S\$129.64 each
Qty 10-25	S\$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> 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