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75mm Max. Aperture, Burnished Steel Leaves Iris Diaphragm



Standard Series

Stock #57-586 [CONTACT US](#)

⊖ 1 ⊕ MRP ₹35,110

● Price inclusive of all taxes

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| Volume Pricing | |
|----------------|-------------------------------|
| Qty 1-4 | ₹35,110 each |
| Qty 5-9 | ₹30,953 each |
| Qty 10-25 | ₹28,562 each |
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Product Downloads

General

Unmounted **Type:**

Physical & Mechanical Properties

75.0 **Maximum Aperture (mm):**

Outer Diameter (mm):

100.0

Construction:
Anodized Aluminum Alloy, Burnished Spring Steel Leaves

Lever Diameter (mm):
3.00

Lever Length (mm):
15.00

Number of Leaves:
20.00

Thickness (mm):
9.00

Optical Properties

Minimum Aperture (mm):
4.0, Typical

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

Reach 247:
[Compliant](#)

Country of Origin:
Germany

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

Product Details

- Corrosion and High Temperature Resistance Housing
- Anti-Reflective (AR) Spring Steel or Burnished Spring Steel Leaf Options Available
- Mounted Version Features both an English and Metric Tapped Hole for EasyPost Mounting

High Performance Standard Series Iris Diaphragms utilize high-quality materials combined with the highest fabrication standards to guarantee optimum performance and reliability even under extreme environmental conditions. Different leaf and aperture diameter options allow these irises to be successfully integrated into a variety of applications, including imaging and high-temperature environments. Known pin/tab angular deviation allows upfront, accurate assessment of movement requirements. Mounted versions of these diaphragms feature both metric and English tapped holes for easy post mounting. These diaphragms are offered with maximum apertures of 5 – 75mm and that have outer diameters ranging from 10 to 100mm. High Performance Standard Series Iris Diaphragms are constructed of a corrosion-resistant, matte finish, black anodized aluminum alloy.

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 | Level Position E | Full Angular Range of Lever F | Stock No. |
|------------------|--------------------|--------------------|-------------|------------------|-------------------------------|-------------------------|
| 10mm | 5mm | 0.5mm | 4mm | 2.4mm | 76° | #57-573 |
| | | | | | | #57-578 |
| 12mm | 7mm | 0.5mm | 4mm | 2.4mm | 85° | #57-574 |
| | | | | | | #57-579 |
| 14.8mm | 8mm | 1mm | 4.5mm | 2.5mm | 81° | #57-580 |
| | | | | | | #64-507 |
| 19.8mm | 12mm | 1mm | 4mm | 2.5mm | 80° | #57-575 |
| | | | | | | #57-581 |
| 28mm | 18mm | 1mm | 5mm | 2.9mm | 89° | #57-576 |
| 30mm | 20mm | 1.2mm | 5.5mm | 2.9mm | 90° | #57-577 |
| | | | | | | #64-508 |
| 37mm | 25mm | 1.5mm | 5.5mm | 3mm | 93° | #57-582 |
| 53mm | 37mm | 2.5mm | 6mm | 3.2mm | 89° | #57-583 |
| 70mm | 50mm | 2.5mm | 7mm | 3.8mm | 84° | #57-584 |
| 82mm | 60mm | 4mm | 8mm | 4.5mm | 91° | #57-585 |
| 100mm | 75mm | 4mm | 9mm | 4.5mm | 95° | #57-586 |

