

42mm Max. Aperture, Iris Diaphragm



Stock #30-118 **20+ In Stock**

⊖ 1 ⊕ MRP ₹10,694

● Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1-4	₹10,694 each
Qty 5-9	₹9,484 each
Qty 10+	₹8,778 each
Need More?	Request Quote

Product Downloads

General

Unmounted **Type:**

Physical & Mechanical Properties

42.0 **Maximum Aperture (mm):**

58.0 **Outer Diameter (mm):**

Construction:
Brass Housing, Blue Tempered Steel Leaves

Lever Diameter (mm):
3.00

Lever Length (mm):
12.70

Number of Leaves:
18.00

Thickness (mm):
6.50

Optical Properties

Minimum Aperture (mm):
2

Regulatory Compliance

RoHS 2015:
[Exempt](#)

Certificate of Conformance:
[View](#)

Reach 247:
[Contains SVHC\(s\)](#)

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
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Product Details

- Used to Adjust $f\#$, Field Stop Diameter, and Overall Light Throughput
- Mounted Version Features a Tapped Hole for Post Mounting
- Abundant Types for Varying Applications

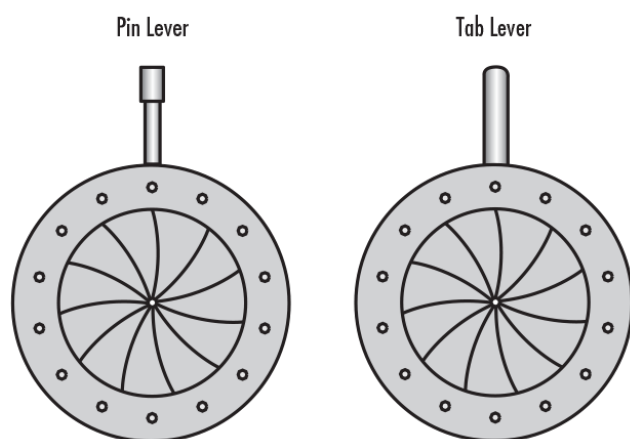
Standard Series Iris Diaphragms can provide control of system $f\#$ ($f\#$ = focal length/effective diameter), field stop diameter, and overall energy throughput when incorporated into standard optical systems. It should be noted that the location of the iris is critical to how it will affect the system. All of these diaphragms offer exceptionally smooth operation over the lever travel, from maximum to minimum aperture (approximately 90°). Mounted versions of these diaphragms feature a tapped hole for easy post mounting. Standard Series Iris Diaphragms have blue spring steel leaf construction and black housing finish with lever actuators that are available in two styles: stainless steel "pin" or plastic "tab." These diaphragms are specifically designed for OEM integration and general laboratory use.

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

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

Technical Information

Types of Levers



Outside Diameter A	Maximum Aperture B	Minimum Aperture C	Thickness D	Stock No.
10.0	5.0	0.60	4.50	#54-352
14.8	8.00	0.80	4.50	#32-623
15.5	8.50	1.00	5.30	#42-124
19.8	12.0	0.80	5.0	#30-263
22.0	14.0	1.0	6.0	#42-123
24.0	15.0	1.2	5.0	#32-622
28.0	18.0	1.2	5.0	#32-621
30.0	20.0	1.2	5.5	#35-111
31.0	18.0	1.5	6.5	#36-623

33.0	22.0	1.4	5.5	#32-620
37.0	25.0	0.8	5.5	#35-110
40.0	28.0	1.5	5.5	#42-122
42.0	42.6	1.2	5.8	#40-997
42.0	30.0	1.5	6.0	#64-500
48.0	48.0	1.2	6.8	#40-998
48.5	30.0	1.2	7.0	#42-121
49.0	34.0	1.5	6.5	#41-972
50.0	36.0	1.9	6.0	#32-619
53.0	37.0	1.9	6.0	#32-618
55.0	41.0	2.0	6.5	#41-973
58.0	42.0	2.0	6.5	#30-118
60.0	40.0	2.5	7.8	#36-624
70.0	50.0	2.5	7.5	#32-617
77.0	59.0	7.0	8.0	#32-616
80.0	58.0	3.0	8.0	#32-615
82.0	60.0	4.0	10.1	#36-625
92.0	70.0	4.5	9.0	#32-614
100.0	75.0	4.5	9.0	#30-264
110.0	80.5	4.5	10.0	#32-613
120.0	90.0	5.0	12.0	#32-612
130.0	98.0	5.0	12.0	#32-611
140.0	104.0	5.0	11.0	#32-610
150.0	110.0	6.0	13.0	#60-644
165.0	120.0	6.0	15.0	#32-609
180.0	138.0	11.5	13.0	#32-608
208.0	158.0	11.0	16.0	#70-894
300.0	225.0	12.0	19.0	#70-895
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