

APID Series Adjustable Iris Diaphragms



Brief Introduction:

The product has a continuously adjustable center hole, which makes it easier for upper frequency of the spectrum to pass through, while other frequency are blocked, thereby changing the frequency of the image on the image plane.

The structure of the APID series adjustable diaphragm is similar to the diaphragm behind the camera lens, which is also composed of multiple arc-shaped blades. Zolix uses a good assembly process to ensure that the damping between the blades is moderate, without jerky or loose blades.

Selection Table:

Standard Adjustable Iris Diaphragm

Model	APID12-1	APID22-1	APID25-1	APID42-1
Adjustable Diameter Range d(mm)	Ø1.5~Ø12	Ø1.5~Ø22	Ø1.5~Ø25	Ø2.5~Ø42
Outer Ring Diameter D(mm)	Ø19.5	Ø33	Ø37	Ø58
Main Body Material and Treatment	aluminium alloy, surface treated by black anodic oxidation.			
Blade Material	Black Spring steel			
Number of Blade	11	14	13	18
Handle Diameter W(mm)	Ø1.5	Ø3	Ø3	Ø3
Overall Height L(mm)	23	45.5	49	70
Overall Thickness T(mm)	5	5.5	5.5	6.6
Net Weight (g)	7	20	25	40

Zero-Aperture Adjustable Iris Diaphragm

Model	APID25Z	APID42Z	APID50Z	APID100Z
Adjustable Diameter Range d(mm)	0~Ø25	0~Ø42	0~Ø50	0~Ø100
Outer Ring Diameter D(mm)	Ø44.5	Ø64.5	Ø78	Ø142
Main Body Material and Treatment	aluminium alloy, surface treated by black anodic oxidation.			
Blade Material	Black Spring steel			
Number of Blade(dual layers)	2×7	2×9	2×9	2×10
Handle Diameter W×H(mm)	4.5×4.5	4.5×4.5	5×4.5	15×4.5
Overall Height L(mm)	57	81	98	168
Overall Thickness T(mm)	4.5	5	5.2	7.6
Net Weight (g)	35	50	60	180

Dimensions:

