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220mm Dia x 100mm FL Alum. Coated, Parabolic Reflector



Stock #68-793 [CONTACT US](#)

- 1 + MRP ₹96,351

● Price inclusive of all taxes

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Volume Pricing

Qty 1-10	₹96,351 each
Qty 11-25	₹84,748 each
Qty 26-49	₹79,703 each
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General

Parabolic Mirror **Type:**

Physical & Mechanical Properties

220.00 +0.0/-0.5 **Diameter (mm):**

No Center Hole **Center Hole Diameter (mm):**

33.0

Height (mm):

Optical Properties

Metal

Coating Type:

Protected Aluminum (400-700nm)

Coating:

400 - 700

Wavelength Range (nm):

BOROFLOAT®

Substrate:

0.455

Aperture (f#):

R_{avg} >85% @ 400 - 700nm

Coating Specification:

100.00

Focal Length FL (mm):

Regulatory Compliance

[View](#)

Certificate of Conformance:

Japan

Country of Origin:

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

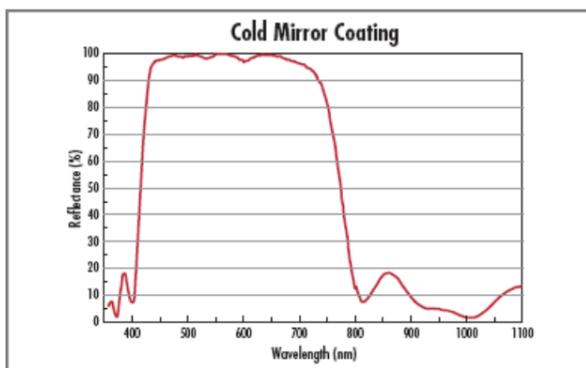
Product Details

- Precision Polished Substrate
- Protected Aluminum and Cold Mirror Coating Options
- Ideal for Highly Divergent Light Sources
- [Precision Ellipsoidal Reflectors](#) Also Available

Precision Parabolic Reflectors are ideal for collimating a light source placed at the focal point of the mirror. The parabolic profile eliminates spherical aberration, allowing the light source to maintain its wavefront characteristics. These Precision Parabolic Reflectors feature very low f/#s, making them ideal for highly divergent light sources. The protected aluminum coating features broadband high reflection through the visible and IR spectra. The cold mirror coating reflects visible light while transmitting NIR, making it ideal for cold condensing applications.

Precision Parabolic Reflectors are precision polished, yielding exact aspheric profiles. These mirrors offer improved thermal stability and superior focusing efficiency versus commercially available press-molded reflectors. Typical applications include use as steppers for PCB, LCD, or PDP production, solar simulators, fiber optic illuminators, and projectors.

Technical Information



Diameter	Focal Length f	Center Hole Diameter d	Height H	Stock No.
100mm	12.5mm	—	45mm	#90-964
	19mm	30mm	32mm	#90-967
152mm	17mm	30mm	79mm	#68-791
	30mm	35mm	47mm	#68-795
220mm	100mm	—	33mm	#68-792
300mm	42mm	—	130mm	#68-793
				#90-965
				#90-966

