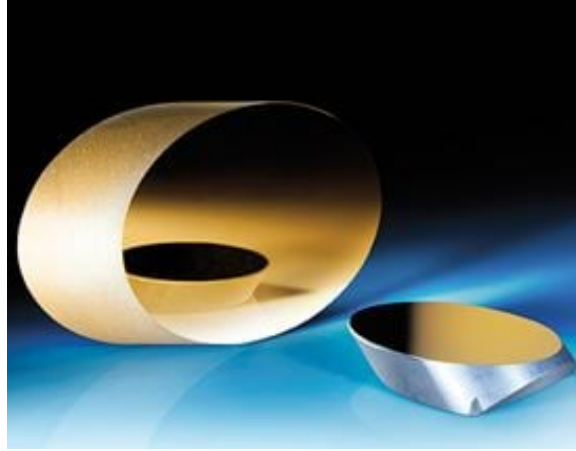


**TECHSPEC® Elliptical Mirror 47.63mm Minor Axis Uncoated**

#32-097



당사의 TECHSPEC®  $\lambda/8$  Precision Elliptical Flat Mirrors는 연구 및 천문학 용도에 적합한 제품입니다. 주축(major axis)이 길기 때문에 이 미러는 웨이브프론트 왜곡을 최소화하면서 정밀한 각도로 빛을 구부리거나 접는 데 안정맞춤입니다. 광범위한 용도에 최적화된 다양한 크기 및 코팅 옵션이 제공됩니다.

## General

Note:	Flatness specification is Peak to Valley
Type:	Flat Mirror

## Physical & Mechanical Properties

Minor Axis (mm):	47.63
Major Axis (mm):	67.36
Dimensional Tolerance (mm):	±0.38
Dimensional Tolerance (inches):	±0.015
Clear Aperture CA (mm):	42.88 (Minor Axis) 60.63 (Major Axis)
Thickness (mm):	11.68
Thickness Tolerance (inches):	±0.040
Thickness Tolerance (mm):	±1.02

## Optical Properties

Surface Flatness (P-V):	$\lambda/8$
Substrate:	<a href="#">BOROFLOAT®</a>
Surface Quality:	60-40
Coating:	Uncoated
Coating Type:	Uncoated



June 18, 2025

To Whom It May Concern,

This document certifies that the product stated below has been reviewed as requested by Edmund Optics:

재고 번호	제품설명
32-097	Elliptical Mirror 47.63mm Minor Axis Uncoated

This item is EU RoHS (2015/863/EU) compliant without the use of exemptions.

This certification means that:

- EO's suppliers have confirmed the material composition of this product.
- EO has implemented rigorous procedures to document this compliance.
- The information provided may, or may not, be based upon actual test data, or on information from our Vendors, Raw Material Suppliers or Subcontractors.



Jay Budd, Director of Corporate Compliance

June 18, 2025

Edmund Optics Inc. - 101 E Gloucester Pike, Barrington, NJ 08007 | 1-800-363-1992 | [Compliance@edmundoptics.com](mailto:Compliance@edmundoptics.com)



June 18, 2025

To Whom It May Concern,

This document certifies that the product stated below has been reviewed as requested by Edmund Optics:

재고 번호	제품설명
32-097	Elliptical Mirror 47.63mm Minor Axis Uncoated

This item does not contain any of the substances listed on the Reach SVHC list as of 8 July 2021 in quantities exceeding 0.1% weight by weight.

Please note the following:

- Entry 11 of Annex V of the REACH regulation EC 1907/2006 as amended by regulation 987/2008, exempts "non-hazardous" glass components from registration.
- Items considered to be packing materials and which do not form part of, or are not required for the operation of, the product, are not considered to be within scope of this declaration.
- EO does not routinely analyze products for substances not purposely added or specified within the design specifications, drawings and assembly procedures.

This certification means that:

- EO's suppliers have confirmed the material composition of this product.
- EO has implemented rigorous procedures to document this compliance.
- The information provided may, or may not, be based upon actual test data, or on information from our Vendors, Raw Material Suppliers or Subcontractors.



Jay Budd, Director of Corporate Compliance  
June 18, 2025

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June 18, 2025

재고 번호

32-097

제품설명

Elliptical Mirror 47.63mm Minor Axis Uncoated

Edmund Optics certifies that all articles included in this shipment are in compliance with the terms and conditions of this order. The company also certifies that the articles included in this shipment are in accordance to all agreed upon specifications and quality assurance provisions. Please call 1-800-363-1992 should any questions arise from this shipment.



Jeff Harvey- EVP of Operations

NOTES:

1. SUBSTRATE MATERIAL: BOROFLOAT®

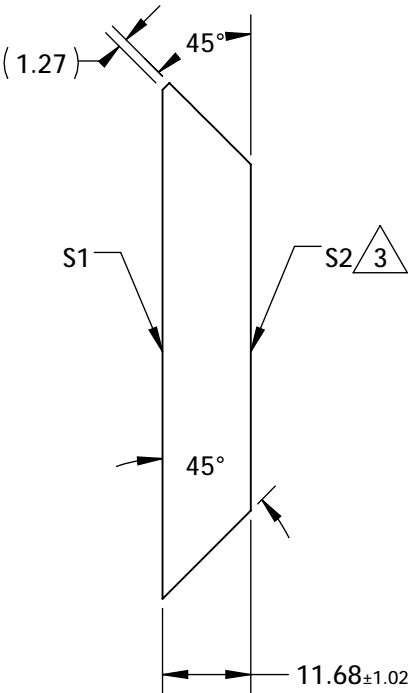
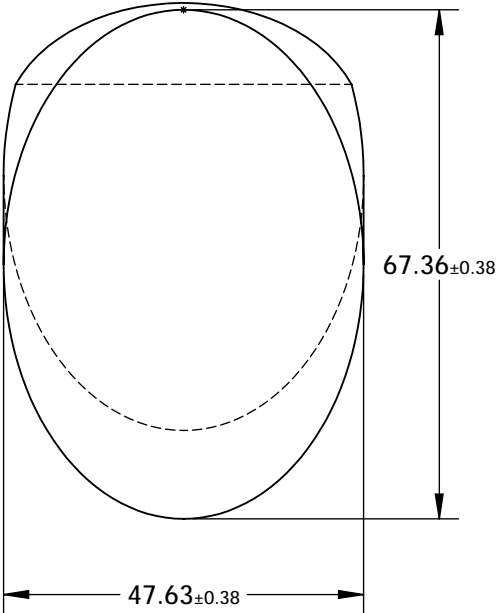
2. COATING (APPLY ACROSS CLEAR APERTURE)

S1: NONE

S2: NONE

3. FINE GRIND SURFACE

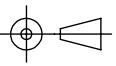

4. RoHS COMPLIANT



**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
TYPE	PLANO	PLANO
CLEAR APERTURE (mm)	60.63 x 42.88	N/A
SURFACE QUALITY	60-40	N/A
SURFACE FLATNESS	$\lambda/8$	N/A
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION 			
TITLE		47.63mm, MINOR AXIS UNCOATED ELLIPTICAL MIRROR	
ALL DIMS IN	mm	DWG NO	32097
			SHEET 1 OF 1