

TECHSPEC® Unmounted Protected Gold Hollow Retroreflector

#17-547



TECHSPEC® Unmounted Hollow Roof Retroreflectors

해당 제품은 2개의 코팅 프리즘을 접합한 구조로 hollow 루프를 형성합니다. 제품에 적용된 hollow 설계 덕분에 분산이나 흡수로 인한 손실 없이 넓은 스펙트럼에서 제품을 사용할 수 있습니다. 루프 공차가 $90^{\circ} \pm 10 \text{arcsec}$ 이므로 입사광이 매우 정확하게 원위치로 반사됩니다. 해당 제품은 크기가 17.7mm x 17.7mm이며 [#17-242](#)와 [#18-537](#)을 함께 사용하여 장착할 수 있습니다. 또한, 간섭측정, 광 지연 라인 등의 어플리케이션에 적합합니다.

General

Type: Retroreflector

Physical & Mechanical Properties

Clear Aperture (%):	90
Length of Legs (mm):	12.50 and 17.70
Accuracy (°):	90 ±10 arcsec

Optical Properties

Coating:	Protected Gold
Substrate:	Fused Silica
Surface Quality:	20-10
Coating Specification:	R _{avg} >96% @ 700 - 2000nm R _{avg} >96% @ 2000 - 10,000nm
Ray Deviation (°):	180
Wavelength Range (nm):	700 - 10000



June 20, 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
17-547	Unmounted Protected Gold Hollow Retroreflector

This item is EU RoHS (2011/65/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 20, 2025

Edmund Optics Inc. - 101 E Gloucester Pike, Barrington, NJ 08007 | 1-800-363-1992 | Compliance@edmundoptics.com



June 20, 2025

재고 번호	제품설명
17-547	Unmounted Protected Gold Hollow Retroreflector

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.

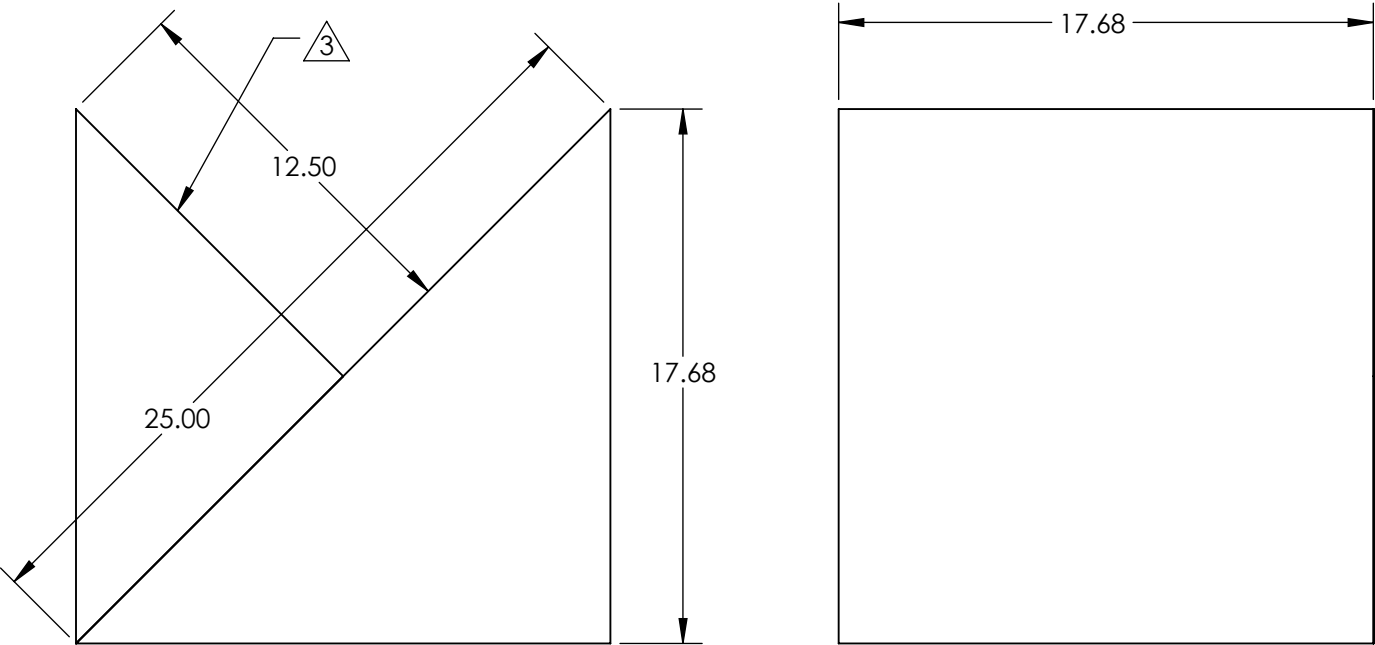
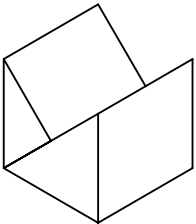


Jeff Harvey- EVP of Operations

- NOTES:
- 1. SUBSTRATE:
FUSED SILICA
 - 2. ROHS COMPLIANT
 - 3. COATED SURFACE


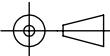
S1: Ravg >96% @ 700 - 2000nm
Ravg >96% @ 2000 - 10,000nm

- 4. FINE GRIND SURFACE



FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	 Edmund Optics®				
WAVELENGTH RANGE (nm)	700-10000	700-10000	<div>THIRD ANGLE PROJECTION </div> <div>TITLE TECHSPEC Unmounted Protected Gold Hollow Retroreflector</div> <div>DWG NO 17547</div> <div>SHEET 1 OF 1</div>				
ROOF ACCURACY (ARCSEC)	90 ± 10	90 ± 10					
SURFACE QUALITY	20-10	20-10					
CLEAR APERTURE	90%	90%					
COATING	PROTECTED GOLD	PROTECTED GOLD	ALL DIMS IN	mm	DWG NO	17547	SHEET 1 OF 1