

Coated mirror specification

LIGO-D1600181-v2

LIGO - SiFi - 1 cm square, wedged

Material: Silicon

Side 1: HR

Surface: Flat

Polish: <1 nm roughness

Coating: $T = 300 \text{ ppm} \pm 10 \text{ ppm}$

NOTE: May be coated entirely (as shown), or with edge pull-off as shown in Side 2.

Side 2: AR

Surface: Flat

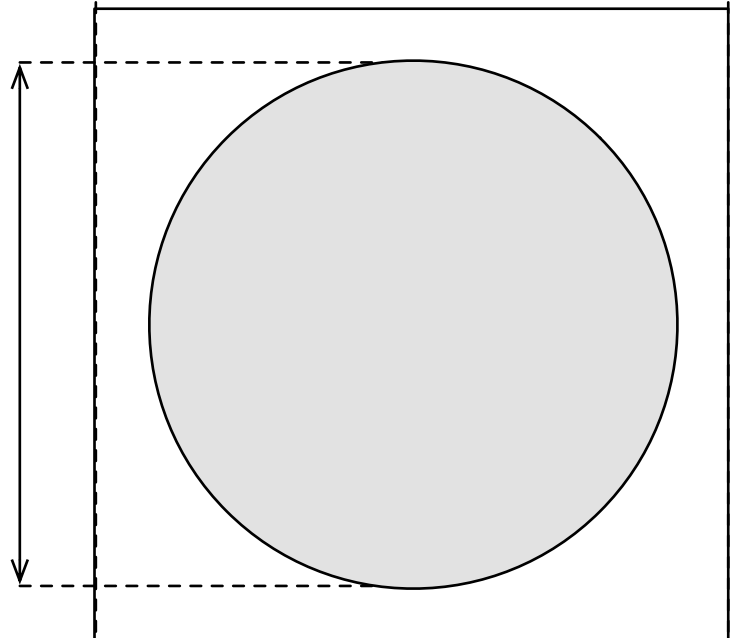
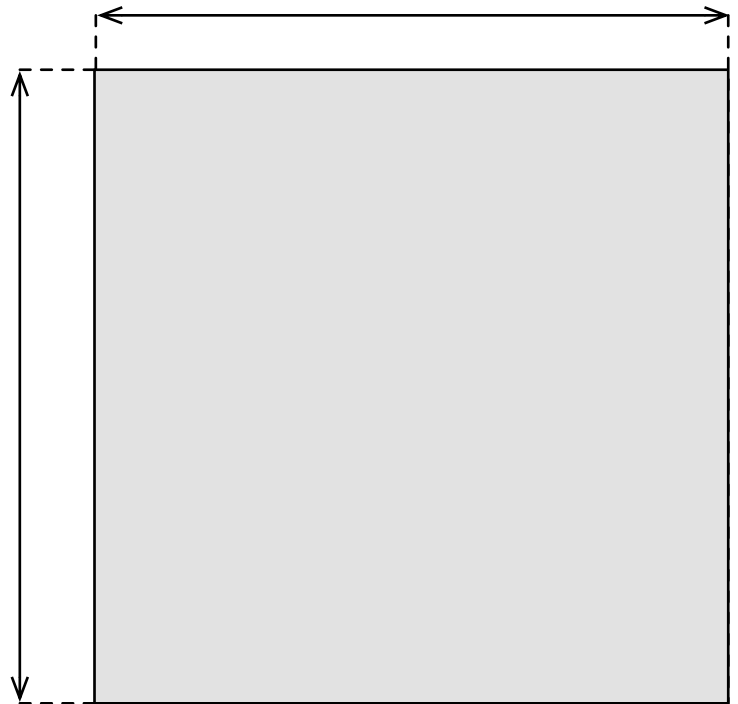
Polish: <1 nm roughness

Coating: $R < 0.02\%$

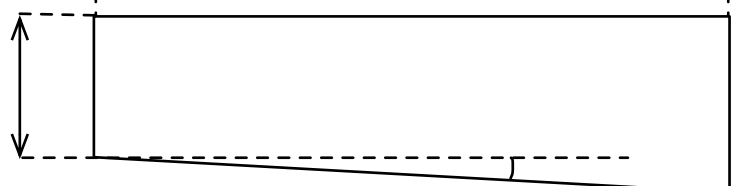
Barrell

Note: Wedge can be on either side of optic.

1.00 cm



0.90 cm



0.25 cm

0.5°