

SALT-3120AS0006 version 1.0 (22 Aug 2002)

Specification for the Folding Flat Mirror for the Prime Focus Imaging Spectrograph of the Southern African Large Telescope.

Quantity: 1

Height: 270mm

Width: 195mm

Thickness: 25mm

Surface Shape: Flat

Front/Back Parallelism: better than 0.1 degree

Surface Figure @633nm: 1/10 wave p-v

Surface Finish: better than 20 Angstrom RMS

Scratch/Dig: 40-20 or better

Substrate material: Zerodur

Coating: None - we will be responsible for coating the mirror.