

SALT-3120AS0010 version 1.0 (3 Jan 2003)

Sodium chloride optical blanks

Scope of Project

These optical blanks will be used for the collimator and camera optics =  
on the visible/ near-infrared spectrograph for the Southern African =  
Large Telescope.

Cylindrical sodium chloride optical blanks.

Dimensions in mm. Tolerance +/- 0.2 mm.

=09

Quantity Diam Thickness=09

3 202 56

Single crystal (random orientation), annealed.

Inspection polish for third party birefringence testing.

Stress birefringence < 15 nm/cm. At least 2 of the 3 blanks to be better =  
than 10 nm/cm (Goal < 7 nm/cm).

Index uniformity: < 3=D710-5

Desired delivery: < 6-10 weeks