

QUALITY REPORT

PART NUMBER: C003905

DESCRIPTION: LTN-200-0770-TSC

JOB NO: 33206

CUSTOMER: TRIUMF

Part Serial Number	Spec.	E18155	E18156		
Finished Dimensions	2.00" +/-0.005"	PASS	PASS		
Part Thickness	0.79" nom	PASS	PASS		
Operating Wavelength Range	770	PASS	PASS		
Surface Quality (Scr/Dig)	40/20	PASS	PASS		
Clear Aperture	0.70"	PASS	PASS		
Beam Deviation	≤ 2 min	.659 secs	1.57 secs		
Trans. Wavefront @633 nm PV	≤ L/4	.129	.087		
Pass/Fail Reason		PASS	PASS		

QC Rec. Date: 5-17-18 QC Sign Jenna Tany comment: _____

Date Cell ID: Cell Description Test Wavelength (nm)
5/16/2018 E18155 LTN-200-0770 777.2nm

Rotation Angle (deg)	Voltage (V)
90	0
0	10

Contrast Ratio 12505:1
Transmission 98%

P.O. Box 1000 • 5964 Iris Parkway
Frederick, CO 80530

tel. 303.833.4333
fax. 303.833.4335

Date Cell ID: Cell Description Test Wavelength (nm)
5/16/2018 E18156 LTN-200-0770 777.2nm

Rotation Angle (deg)	Voltage (V)
90	0
0	10

Contrast Ratio 10415:1
Transmission 98%

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TWD & BD Application

Sm Aperture

MEASURE

Analyze

Mask Data

Calibrate

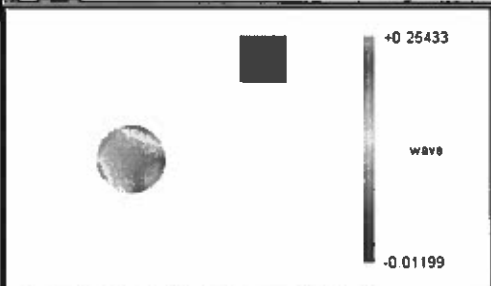
Save Data

Load Data

Reset

Beam Dev

Z490 Angles



Wedge Mag 1.32 sec


Wedge Ang -53.00 °

Angle Err sec

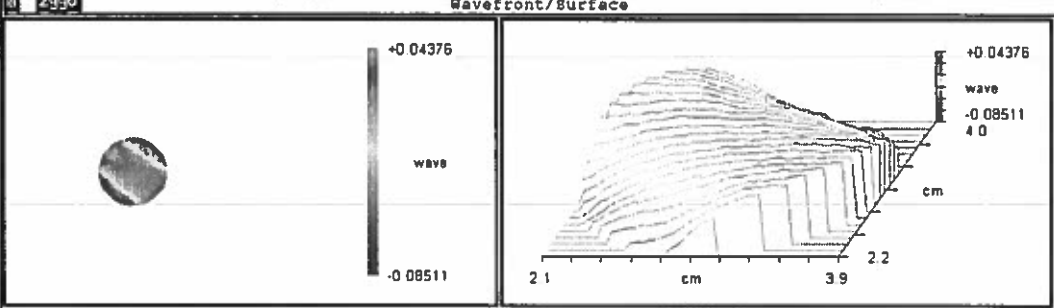
Beam Deviation: 0.65976 sec

Trim: 0

Z490 Intensity Map



Measure Cntrl Z490 Wavefront/Surface



PV 0.129 wave

rms 0.031 wave

Power -0.054 wave

AstMag 0.13 wave

Trim: 0

Remove: PST TLT PWR AST

Removed: PST TLT

Report

Process

VidMon(Wedge)

VidMon(Angle)

Z490 Measure Controls

Setup Type: Wedge (Trans)

Refractive Index: 1.514000

Z490 Measure Attributes

Wed May 16 14:55:24 2018

E18155

Refractive Index: 1.514000

Camera Res: 0.2791 mm

TWD & BD Application

Sm Aperture

MEASURE

Analyze

Mask Data

Calibrate

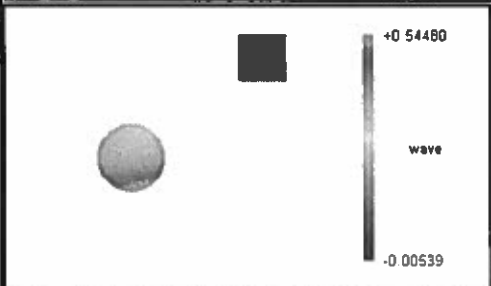
Save Data

Load Data

Reset

Beam Dev

Angles



Wedge Mag 3.16 sec

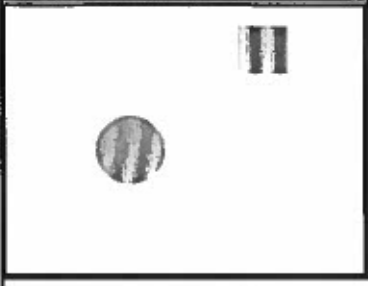
Wedge Ang -89.37 °

Angle Err sec

Beam Deviation: 1.57821 sec

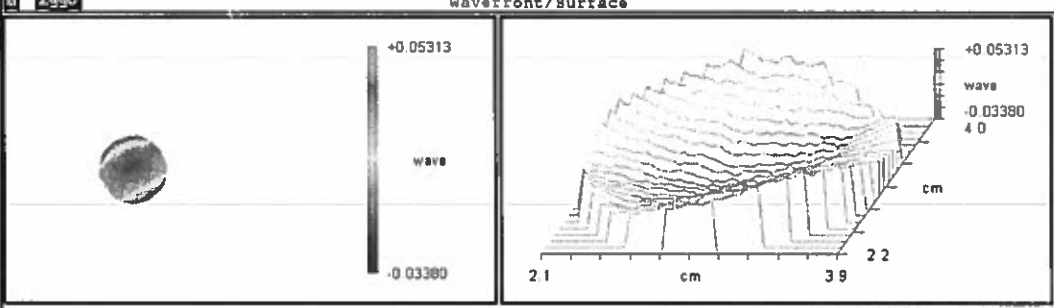
Trim: 0

Intensity Map



Measure Cntrl

Wavefront/Surface



PV 0.087 wave

rms 0.018 wave

Power 0.049 wave

AstMag 0.05 wave

Trim: 0

Remove: PST TLT PWR AST

Removed: PST TLT

Report

Process

VidMon(Wedge)

VidMon(Angle)

Measure Controls

Setup Type: Wedge (Trans)

Refractive Index: 1.514000

Measure Attributes

Wed May 16 14:56:49 2010

E18156

Setup Type: Wedge (Trans)

Refractive Index: 1.514000

Camera Res: 0.2791 mm