



# LAMBDA RESEARCH OPTICS, INC.

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## Certificate of Conformance

09/30/2020

Order Number : **C61267/1**  
Customer PO : **S475660**  
Customer Name : **CALTECH**  
Part Number : **44790**  
Description : **HPR-5009U-90R-1064-45P**  
Customer Part # :

Quantity : **2**

Lot Number : **S1:C11092920 ( HPR )**  
**S2:C31092320 ( AR )**

Specification : Material: UV Fused Silica  
Diameter: 50.8mm Tol: +0.00/-0.20mm  
Thickness: 9.50mm Tol: +/-0.25mm  
Surface Figure: lambda/10 @ 633nm  
Surface Quality: 10-5 (both sides)  
Parallelism: <= 3 arcmin  
Chamfer: 0.3mm - 0.7mm@45 deg. (Typical)  
CA: >=85% of center diameter

**COATING:**

S1: HPR R=90% +/-3% @ 1064nm 45 deg p-pol  
S2: AR R<0.20% @ 1064nm 45 deg p-pol

*The above items have passed quality control inspection and are manufactured to these specifications, unless otherwise indicated below.*

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QC Manager, Joe DeFilippo

9/30/20

Date

# Lambda Research Optics Inc.

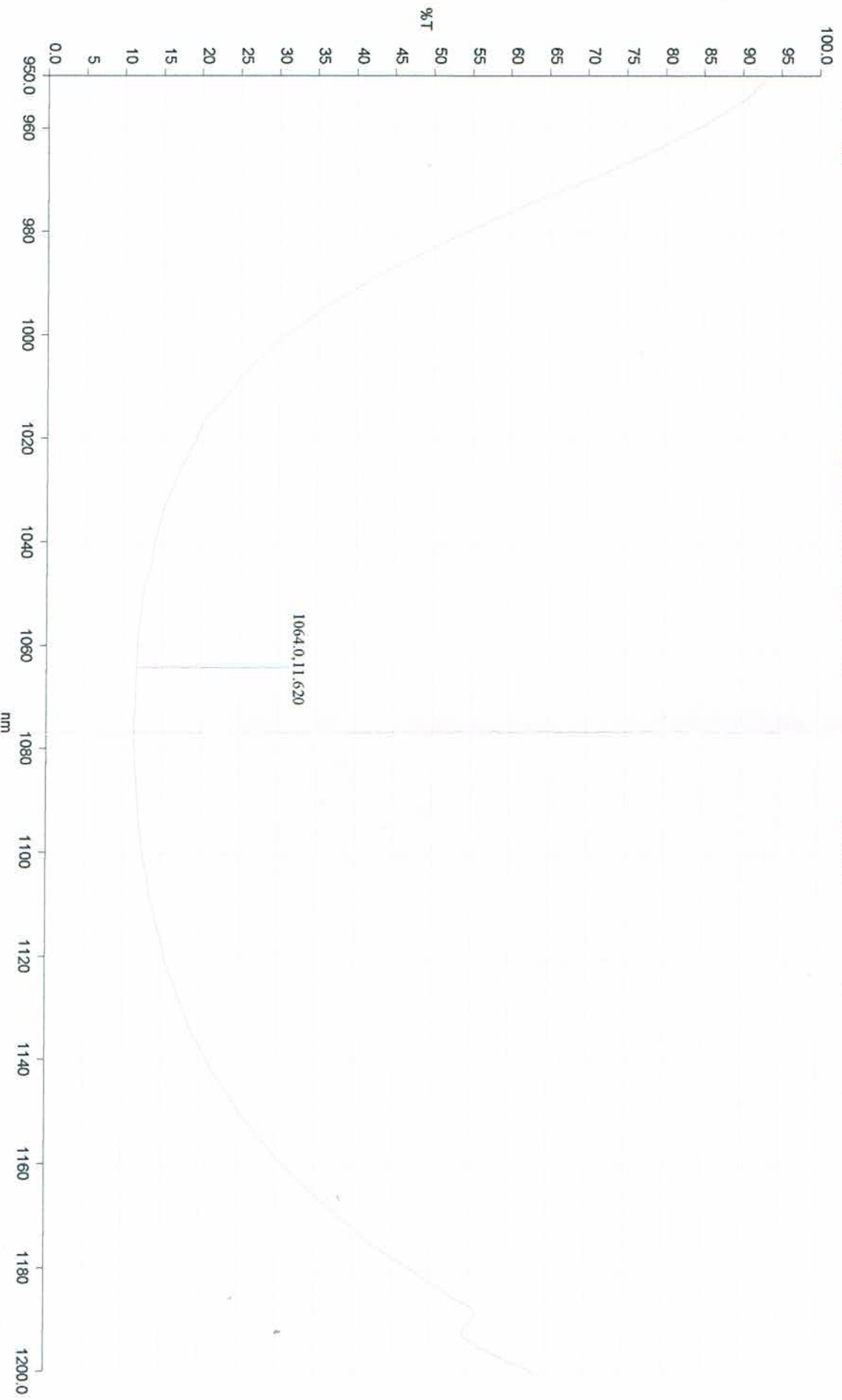
Date: 9/30/20

Lot#: C1-1-092920

Customer: CALTECH

Coating Type: HPR R=90% ±3% @1064nm, 45°, P-Pol

Job#: C61267 //



1092920P.SP - 9/30/20

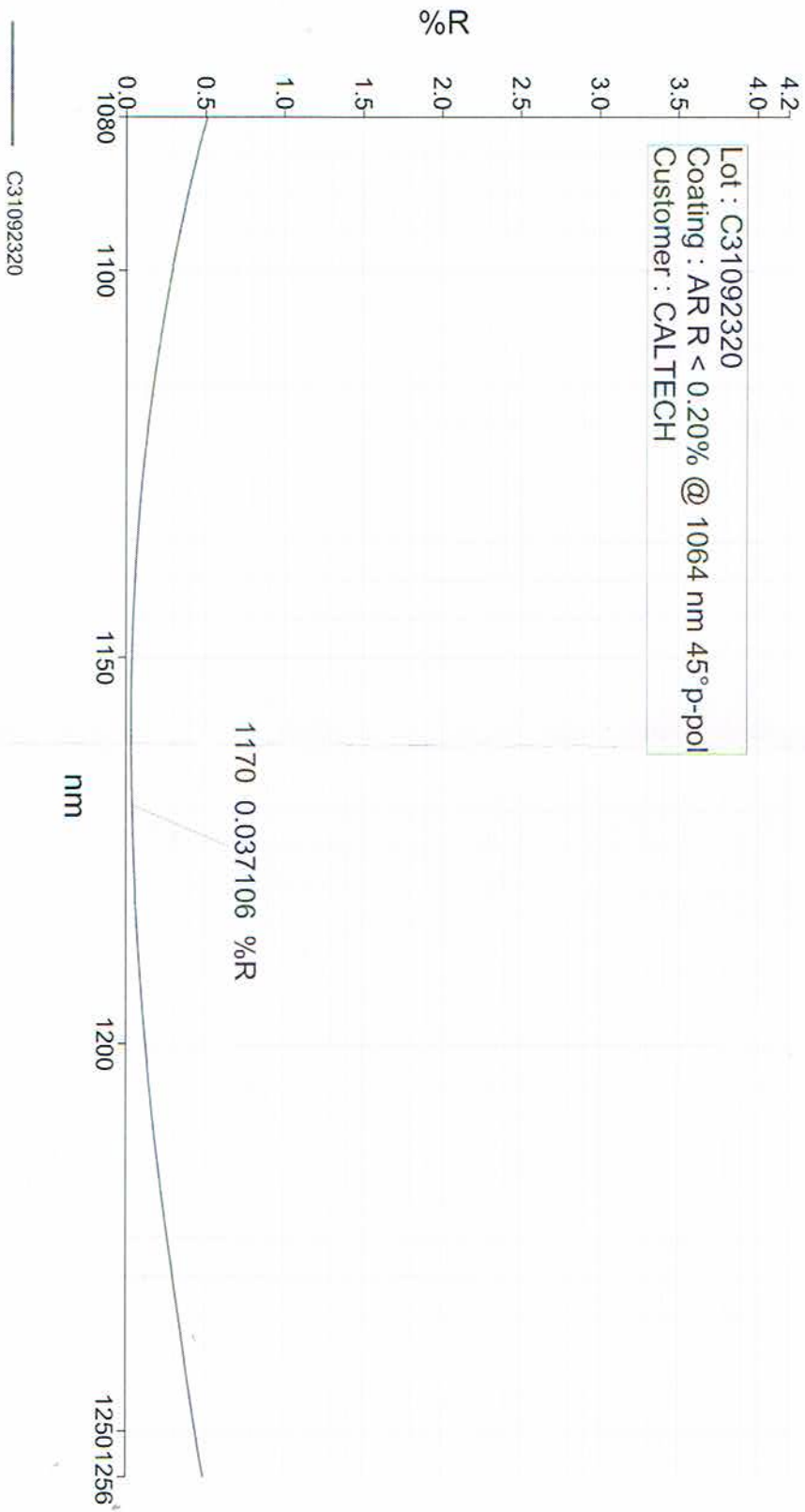
Initial: DP

Analyst  
Date

ccdept  
Wednesday, September 23, 2020 12:01 PM

PerkinElmer UV WinLab Data Processor and Viewer Version 1.01.00  
Wednesday, September 23, 2020 12:01 PM

Lot : C31092320  
Coating : AR R < 0.20% @ 1064 nm 45°p-pol  
Customer : CALTECH



Scan done at 0 degrees AOI, which shifts wavelength 10% longer