## THORLABS Test Report

Measured offset voltage at 780nm	Measured $\lambda/2$ voltage at 780nm	Measured %T at 780nm	Measured extinction ratio at 780nm
128V	370V	94.6%	729:1

Pockels cell was measured using a LPVIS100-MP2 as the generating polarizer. Analyzer was the Glan Laser included with the PCT900. Beam diameter was 1.0mm (at 99% points). Rise time measured at 1 kHz



Beam profile generated with Thorlabs BCN106-VIS, with cell adjusted for maximum transmission.

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Bear	m Settings	X						
ptical Setup				Calculation Results				
	780.00 🗘 nm		and a second	Parameter				
Attenuation	No Filter 🗘 0 🖨 dB		- 200	Calculations Derived from				
Power Correction	Start 3.56 dB			Beam Width (4-Sigma) X	Raw Data			
Ambient Light Correction				Beam Width (4-Sigma) Y				
Intensity Threshold	0,00 🗦	- <b>-</b>		Beam Width (4-Sigma) X'				
eam Profiler Informatio		<b>⊕</b> -	10 C 20	Beam Width (4-Sigma) Y	-			
Model	BC106N-VIS	¥	×		Þ			
Senal Number	M00568949	0	- 1000					
Driver Version	1.41.9							
Firmware Version	13.21							
Sensor Information								
amera Beam Profiler Pa								
Bit Depth	12B/t 🗢							
- Auto Exposure								
Exposure Time	3.01 🗘 ms							
Gain	1.00							
Hot Pixel Correction	Start 12	<u></u>		In National				
<ul> <li>Trigger</li> </ul>	No Trigger							
alculation Parameter			1000					
<ul> <li>Region of Interest</li> </ul>	User Defined, 5289, 7017.6, Not centere	d		and the second				
<ul> <li>Calculation Area</li> </ul>	Full ROI			and the second				
Averaging Mode	Floating							
<ul> <li>Number of averaged fra</li> </ul>	. 1.00 🗣 Frames							
Clip Level	1.00 % of peak							
<ul> <li>Measurement Method</li> </ul>	All Pixel 🗢		2000					
Hold Maximum								
Approximate Ellipse	×							
- Autoscale to Peak			-3000	-2000	-1000	1000	2000	3000
Profile Cut Position	Peak Position 2089.8 3366.9	-						
Reference Position	Sensor Center 4386 3302.4							
Unit	μm, mW, Celsius							



