



# NEOS TECHNOLOGIES

A Gooch & Housego Company

## DEVICE SPECIFICATIONS

MODEL NUMBER:

**35085-3**

DOCUMENT NUMBER: 56A15881C

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Interactive Material	Fused Silica
Acoustic Mode	Longitudinal
Operating Wavelength	400 to 540 nm
Window Configuration	AR Coated
Static Transmission	>98 % @ 488 nm
Operating Frequency	85 MHz
Diffraction Efficiency	>85 % @ 488 nm With Light Polarized Linear, Perpendicular to Acoustic Propagation.
Acoustic Aperture Size	3 mm
Rise Time	110 ns / mm Beam Diameter
Deflection Angle	6.9 mrad @ 488 nm
RF Power Level	< 6 Watts @ 488 nm
Impedance	50 Ohms
VSWR	<1.2:1 @ 85 MHz
Package:	53B1428
Operating Manual: Use Latest Revision.	51A9220
Acceptance Test Procedure:	42A12035
Acceptance Test Results form:	52A00936
Recommended Driver:	
Analog Driver System: 31085-6AS	Digital Driver System: 31085-6DS
Analog Driver Module: 31085-6AM	Digital Driver Module: 31085-6DM

**For More Information, Contact:    neos@neostech.com    Ph. (321) 242-7818    Fax (321) 242-1019**