



**DEVICE SPECIFICATIONS**

**MODEL NUMBER:**

**17440-FOA**

**DOCUMENT NUMBER: 56A15410A**

<b><u>PARAMETER</u></b>	<b><u>SPECIFICATION</u></b>
Interactive Material	TeO <sub>2</sub>
Acoustic Mode	Longitudinal
Operating Wavelength	440 – 850 nm
Window Configuration	AR Coated
Static Transmission	≥95%
Operating Frequency	440 MHz
Diffraction Efficiency	≥60 % @ 633 nm with Linear, Polarization Perpendicular to Acoustic Propagation. ≥50 % @ 633 nm with Random Polarization.
Acoustic Aperture Size	90 μm
Rise Time	≤4 nsec
Optical Waist Size to achieve Rise Time	19 μm
Deflection Angle	65 mrad @ 633 nm
RF Power Level	800 mWatts
Impedance	50 Ohms nominal
VSWR	≤1.5:1 @ 440 MHz
Package	53B0957

**For More Information, Contact: [sales@goochandhousego.com](mailto:sales@goochandhousego.com) [www.goochandhousego.com](http://www.goochandhousego.com)**

As part of our policy of continuous product improvement we reserve the right to change specifications at any time.