

## 超宽带、超大通光口径、超宽接受角起偏器

美国 Meadowlark 公司的超宽带起偏器提供了带宽空前的偏振解决方案，工作波长范围为 **300 nm-2700 nm**，在此基础上可提供 **12.7 mm-150 mm** 的通光口径和 **±40 度** 的接受角，是宽带应用中理想的光学元件，Meadowlark 独特的工艺使其安装后的厚度仅仅为 **4.6 mm**，并可在 300-2700 nm 整个波长范围内最小可得到 **10,000:1** 消光比。

Meadowlark 的超宽带起偏器提供了性价比极高的偏振解决方案，其 **2.2 mm** 的厚度和安装后 4.6 mm 的厚度，是其它同类偏振器件无法相比的。

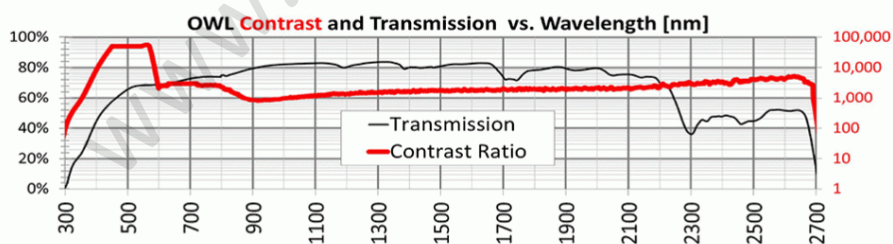


优势：

- 超宽带 300 nm – 2700 nm
- 超宽接受角 ±40 度
- 厚度 2.2 mm，安装后 4.6 mm
- 高消光比 10,000:1
- 超大通光口径 12.7 mm-150 mm



透过率与消光比:



Typical transmission (black) and contrast ratio (red) versus Wavelength over the useable wavelength range of an uncoated part

规格:

SPECIFICATIONS	
STOCK VERSION	
Substrate Material	Fused Silica, 2.2 mm thickness
Wavelength Range, Uncoated	300 - 2700 nm
Transmitted Wavefront Distortion *Custom options available for improvement of TWD	≤ 5 λ per inch (P-V @ 633 nm) [≤ 1 λ per inch (RMS @ 633 nm)]
Reflected Wavefront Distortion	≤ 3 λ per inch (P-V @633 nm)
Acceptance Angle	± 40°
Laser Damage Threshold (if oriented in preferred direction)	0.80 J/cm <sup>2</sup> at 355nm 0.20 J/cm <sup>2</sup> at 532nm 0.30 J/cm <sup>2</sup> at 1064nm
Operating Temperature	-50° C to +80° C
CUSTOM OPTIONS	
Size	0.5"- 6"
Shape	Customer specified
Substrate Thickness	Thicker windows available for improved transmitted wavefront distortion
AR Coatings available	
Mounting or Unmounted options on request	

订购信息

ORDERING INFORMATION		
<i>Dimensions</i>	<i>Clear Aperture</i>	<i>Part Number</i>
Ø1.00 in. [25.4 mm]	Ø0.76 in. [19.3 mm]	GPM-100-UNC
Ø1.50 in. [38.1 mm]	Ø1.26 in. [32.0 mm]	GPM-150-UNC
Ø2.00 in. [50.8 mm]	Ø1.76 in. [44.7 mm]	GPM-200-UNC
The standard sizes and specifications listed are only our most typically manufactured with many custom possibilities available.		