

## SIRC-2000 光谱图像亮度计 SIRC-2000 spectral image luminance meter

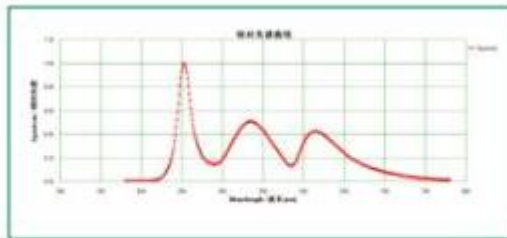
- SIRC-2000光谱图像亮度计是世界新一代亮度计，它采用多项专利技术，克服了原有亮度计的缺陷，能够精确分析二维亮度图像，并得到指定点的光谱、颜色等信息。

SIRC-2000 spectral image luminance meter is a new generation of luminance meter in the world. It uses a number of patented technologies to overcome the defects of the original luminance meter. It can accurately analyze two-dimensional luminance images and obtain the spectrum, color and other information of specified points.

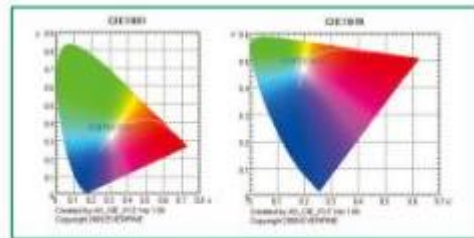


## 特点与优势 Characteristics and advantage

- 1)独特双CCD设计，测试功能强大  
1) Unique dual CCD design, powerful test function
- 2)高精度，一次采样可实现亮度均匀性测量，测试效率高。  
2) High precision, one sampling can realize the brightness uniformity measurement, and the test efficiency is high.
- 3)采用高性能CCD阵列探测器设计，且探测器具有0.6nm/pixel的高分辨率，从而使单色光的测量更有利。  
3) High performance CCD array detector is adopted, and the detector has a high resolution of 0.6nm/pixel, which makes the measurement of monochromatic light more favorable.
- 4)宽波段测试范围：350nm-1000nm，亮度测试范围0.1-1,000,000cd/m<sup>2</sup>  
4) Wide band test range: 350nm-1000nm, brightness test range: 0.1-1000000cd/m<sup>2</sup>
- 5)TFT液晶和触摸屏显示界面，适合实验室和野外现场测试  
5) TFT LCD and touch screen display interface, suitable for laboratory and field test



相对光谱曲线图



CIE 色品图

**技术参数 Specifications**

- 1) 波长范围: 350~1000nm  
1) Wavelength range: 350 ~ 1000nm
- 2) 波长分辨率: 0.6nm/像素  
2) Wavelength resolution: 0.6nm/pixel
- 3) 波长准确度: 0.3nm  
3) Wavelength accuracy: 0.3nm
- 4) 视场角: 1°  
4) Field angle: 1°
- 5) 观察视场: 8°  
5) Observation field of view: 8°
- 6) 测量距离: 400mm到无穷远(标准镜头)  
6) Measuring distance: 400mm to infinity (standard lens)
- 7) 测量区域: 约Φ5.6mm (400mm处)  
7) Measuring area: approx Φ 5.6mm (400mm)
- 8) 测量亮度范围\*1(标准A光源): 0.1-5000cd/m<sup>2</sup>;  
8) Measuring brightness range \* 1 (standard A light source): 0.1-5000cd/m<sup>2</sup>;
- 9) 色度准确度(x, y): 0.0015 (0.2cd/m<sup>2</sup>以上, 标准A光源)  
9) Chromaticity accuracy (x, y): 0.0015 (above 0.2cd/m<sup>2</sup>, standard A light source)