



SRC-600 Spectral Radiance Colorimeter

Realize high-precision, high repeatability and high contrast measurementcolor

Down to 0.0005cd/m² Luminance measurement

SRC-600 can be used for the testing of various types of mobile phones, PAD, computer monitors, TV, projectors, LED display screens, panel lights, landscape lighting, emergency lighting, etc.

Main characteristics

1) Accurate measurement for spectral radiance, luminance and colorimetric

Measurable items: Radiance, luminance, relative spectral power distribution, chromaticity coordinates, correlated color temperature, color rendering index, etc.

2)Ultra high sensitivity

The limit of SRC-600 can be as low as 0.0005cd/m² to meet the measurement requirements of weak luminance .

3)High accuracy

Without spectral mismatch error, it's suitable for correction of colorimeter.

4)High resolution

Equipped with high quality TE-cooled CCD & excellent performance grating , moreover, the well matching can obtain the resolution up to 0.6nm/pixel.

5)Data viewing and transmission

The TFT liquid crystal and touch screen will display the test data and spectrum intuitively. It can be connected with the mobile phone APP to realize the automatic transmission of the data, and can also be connected to the computer to save and print the data.

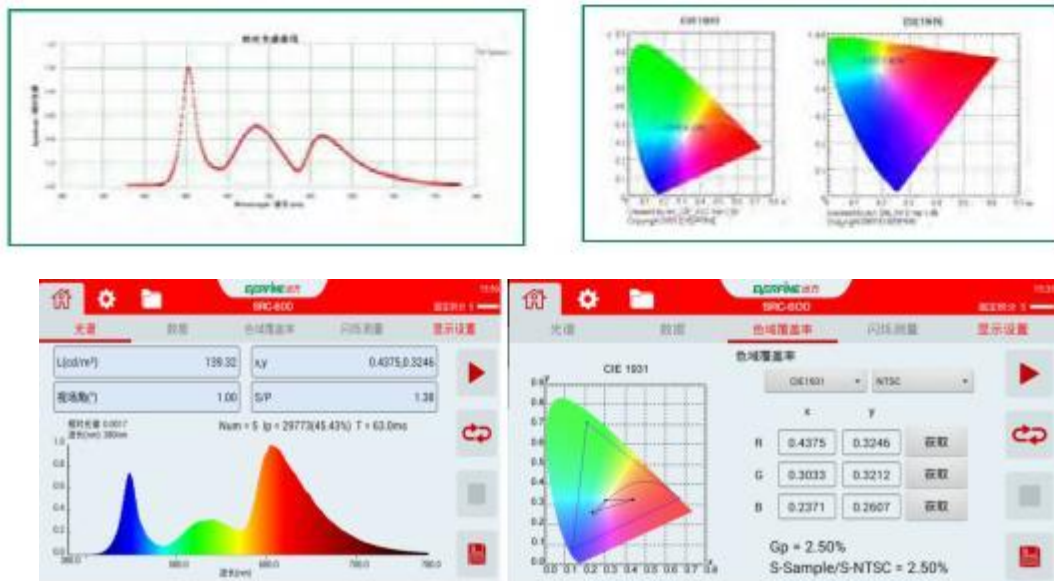
chromaticity diagram

相对光谱曲线图

Relative spectral curve

CIE

CIE 色品图



Welcome to contact Sales Center of EVERFINE for more details.

- Viewing angle : 1°、0.1°、0.2°
- Luminance measurement range : 0.0005cd/m²~600,000cd/m² (Different measurement range for different viewing angle)
- Luminance Accuracy : $\pm 2\% \text{Reading} + 1 \text{Digit}$ (According to the method of national measurement verification JJG211-2005)
- Chromaticity Accuracy (under standard A source) : x,y:0.0015,0.001(high than 0.05cd/m² at 1° Viewing angle)
- Chromaticity repeatability : 0.0004(high than 0.2cd/m² at 1°Viewing angle)
- CCT range : 1000K~100000K
- Measurement area : $\Phi 4\text{mm}$ (1°Viewing angle at 300mmMeasurement distance)



TV



Small pitch LED



Laser display



Vehicle-mounted display



Glowing character



Mobile phone and PAD