



POPA-1300A Optical performance analysis system for projector

POPA-1300A optical performance analysis system for projector integrates projection screen, high-precision probe network and intelligent analysis software, which is always applied to measure parameters including illuminance, chromaticity coordinates, CCT, CRI, spectral power distribution and others of the projector in a specific plane with 13 or 9 points for choice. The illumination and color uniformity of the whole plane are feedback through software to evaluate the optical characteristics of the projector.

Main Characteristics:

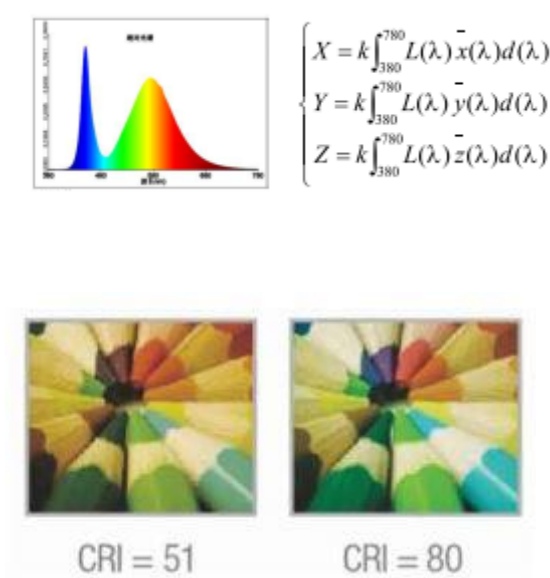
Adopted patented technology, the system can measure illuminance and color parameters remotely. There is no spectral mismatch error and high-precision better than the traditional illuminance meter and color filter type colorimeter.

13 or 9 points spectral measurements have better consistency.

The system has strong data processing capabilities which can analyze illuminance, chromaticity and spectral data of 13 channels or 9 channels at the same time.

Through spectral measurement, color parameters such as CCT and CRI can be evaluated to better evaluate the color reduction effect of projectors.

The software can set different criteria for projectors and can also call them arbitrarily.



Wavelength range: 380-780nm

Wavelength accuracy: $\pm 0.5\text{nm}$

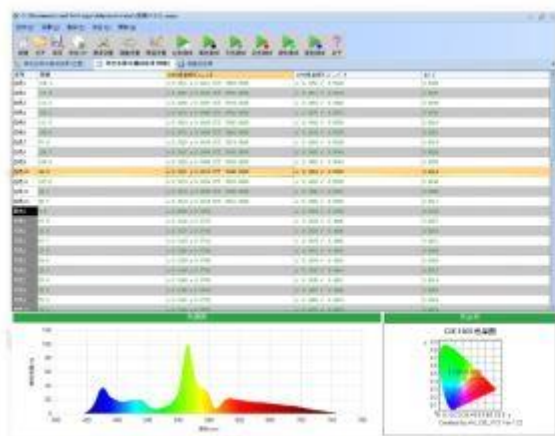
CRI: Ra and Ri ($i=1 \sim 14$) (special computable R15)

Illuminance range: 0.1 lux to 200 klux (color display not less than 5lx)

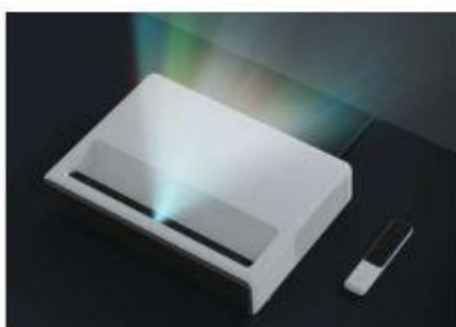
Projection area: 1 square meters (50 inches) to meet the requirements of three conventional ratios at 4:3, 16:9 and 16:10.

Software functions: ANSI luminous flux, contrast, illumination uniformity, color uniformity, color gamut and other parameters. Software can set the limit of judgement.

Multi-channel simultaneous measurement and fast test of projection



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