



SLS-500 Adjustable Standard Surface Light Source

SLS-500 is a standard source which can provide uniform and adjustable luminance (radiance). It has the advantages of good luminance uniformity, wide adjustment range, high stability, easy to use, adjustable output current and etc

With the special design, SLS-500 can obtain a uniform luminance output of a large field of view, and the maximum corrected field angle can reach up to 210 degrees.

This product not only provides high luminance with uniform output, but also has the function of adjusting CCT and illuminance.

Light source type: LED

CCT for choice: 2800K \pm 200K; 4000K \pm 300K; 5000K \pm 300K

Illuminance range: 0~3000lx (from the 1cm of exit port).

Uniformity of illuminance at the exit of the integrating sphere: > 95%

Maximum FOV: 210 degrees

Uniformity of FOV: 180 degree field uniformity 98%

Power stability: 0.01%

Accuracy of the power supply: $\pm(0.03\%$ reading $+0.02\%$ range $+1$ digit)

It is mainly used for calibration and verification of luminance meter, telescope, image sensor, photometer, radiometer, electronic image and etc.

