

TLS-75 可调光谱亮度源

TLS-75 adjustable spectral brightness source

- TLS-75采用多通道LED组合，精确模拟实现典型的室内和室外光源，并在大动态范围内，实现亮度自动调节。光源响应快，寿命长。
TLS-75 uses multi-channel LED combination to accurately simulate typical indoor and outdoor light sources, and achieve automatic brightness adjustment in a large dynamic range. The light source has fast response and long service life.
- 内置积分球采用远方专利漫反射涂层，内置监测探测器，实时监测反馈，稳定度更高，均匀性更好。
The built-in integrating sphere adopts the remote patented diffuse reflective coating, and the built-in monitoring detector provides real-time monitoring feedback with higher stability and better uniformity.
- 自带触控显示，方便亮度、色度、动态范围等特性的在线校准。
With touch display, it is convenient for online calibration of brightness, chroma, dynamic range and other characteristics.
- 输出多种高稳定性典型光谱，用于传感器校准
Output a variety of high stability typical spectra for sensor calibration
- 大动态范围，亮度可调，色温可调满足成像亮度计的亮度、色度等性能校准；
Large dynamic range, adjustable brightness, adjustable color temperature to meet the brightness, chroma and other performance calibration of the imaging luminance meter;



技术参数 Specifications

- 1) 光谱范围: 380nm-1000nm;
1) Spectral range: 380nm-1000nm;
- 2) 典型输出光谱: CIE A, B, C, D50, D55, D65, D75, E, F1, F12, LED-B1, LED-B2, LED-B3, LED-B4, LED-B5, LED-BH1, LED-RGB1, LED-V1, LED-V2;
2) Typical output spectra: CIE A, B, C, D50, D55, D65, D75, E, F1, F12, LED-B1, LED-B2, LED-B3, LED-B4, LED-B5, LED-BH1, LED-RGB1, LED-V1, LED-V2;
- 3) 光源稳定性: 优于1% (D65) ;
3) Light source stability: better than 1% (D65);
- 4) 光源输出口径: 75mm;
4) Light source output aperture: 75mm;
- 5) 均匀性: 优于98.5% (距出光口边缘5mm范围不计)。
5) Uniformity: better than 98.5% (excluding the range of 5mm from the edge of the optical outlet).