LEDSSF

Camera Testing Equipment

LEDSSF is a device to characterize a camera's Spectral Sensitivity Function (SSF) or Quantum Efficiency (QE). It also provides color correction metrics (CCM) for any combination of illuminant/materials.

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	LEDSSF
LED channels *1	18 channels
Spectral range	400-700nm
LED channel drive method	Amplitude Modulation
Resolution *2	10 bit (1024 steps dimmable for each channel)
Warm up time	No
Capacity	80 light source in LEDCube hardware, unlimited in software
Short-term stability *3	ΔLuminance <±0.5%
Long-term stability *4	ΔLuminance <±1.5%
Software instrument compatibility	Konica Minolta CL500A & CS-2000, THOUSLITE FS & FS-VIS-IR Spectrometer Jeti Specbos 1211UV spectroradiometer
Electrical	110/230V, 50/60Hz, 200W (max)
Operating ambient temperature	0-30°C
Connection	USB cable
light emitting surface	Circle: diameter 3cm (by customerization up to diameter 8cm)
Uniformty	diameter 8cm>96%
Dimensions(L/W/H) & Weight	609×321×458 mm，13 kg
Interior color	LEDCube：black(Default)，L type of mixing cavity：white(Default)
Scope of delivery	LEDCube light source, power cord, USB cable
Supplementary accessories	Measurement device, customerized aluminium support
Software (optional)	-

*1：The number of LED kinds
*2：Actually 1000 steps can be used because some steps for low luminance calibration.
*3：When set light source without warm up time under enviroment temperature 25°, short-term stability is measureed during 24 hours and compared to average value.
*4：When set light source after 30 minutes warm up time under enviroment temperature 25°, long-term stability is measureed during 90 days and compared to average value.

THOUSLITE