



Jaz Light Meter

The Jaz light meter is a pre-configured spectrophotometer is the ideal tool for field and laboratory measurements of any type of lighting. With the Jaz light meter you can measure the spectral characteristics and calculate key parameters like Lux, Lumen, PAR, Watts, CIE, CRI and x,y values. The Jaz battery module enables you to measure up to 8 hours without recharging and its SD card slot gives you a convenient way to store spectral data.

Applications

- » Quality control for LED sorting systems
- » Incoming inspection of LEDs
- » Characterisation of luminaires
- » Acceptance test of light designs
- » Analysis of LED displays
- » Determine colour values of LEDs
- » Measure spectral output of LEDs
- » Measure absolute radiometric and photometric values
- » LED colour rendering
- » Advanced colour analysis

Features

- » Stand alone operation
- » Pre-configured and calibrated system corrector
- » CC3-DA direct attached cosine connector
- » Rechargeable 8-hour battery module
- » SD card storage
- » Ethernet connectivity
- » Including convenient case

Advantages

- » All key parameters (CIE, CRI, x,y, Lux, Lumen, PAR, Watts, etc) with one device
- » No need for external power supply
- » Flexible
- » Portable
- » User-friendly
- » Remotely accessible via Ethernet

Specifications

Jaz Light Meter (Jaz-ULM)

JAZ-S SPECTROMETER MODULE	
Detector	Linear 2048 pixel CCD array
Wavelength range	350 - 800 nm (other ranges are possible)
Probe type	Cosine corrected SpectraLon probe
Output	Spectral data in $\mu\text{W}/\text{cm}^2/\text{nm}$
On screen display	Full spectrum (2048 points); Lux, Lumen, PAR, Watts
Post Processing *	CRI, CCT, CIE, and other photometric and colourmetric values
Optical resolution	1 nm (FWHM)
Signal-to-noise ratio	250 : 1
Integration time	4 ms to 65 seconds (autoset)
Power supply	5 V x 4 A
OLED display	128 x 64 OLED display
Keypad	Push-button functions easy to read from any orientation
Onboard computer	Embedded processor with data processing and storage capability
Additional features	USB 2.0
Ethernet	100 Mbps, IEEE 802.3-compliant 10 / 100
Data storage	via SD card
Battery type	Rechargeble Lithium-ion
Battery life	8 hours before recharging
Mounting	universal 1/4-20 screws

* Using SpectraSuite software



Regional Headquarters

Maybachstrasse 11
73760 Ostfildern
Germany
T: +49 711 34 16 96-0
F: +49 711 34 16 96-85

Ocean Optics EMEA

Sales & Support Centre

Geograaf 24
6921 EW Duiven
The Netherlands
T: +31 26 3190500
F: +31 26 3190505

www.oceanoptics.eu

Local Sales Support

United Kingdom: +44 1865 263 180
Germany North: +49 513 697 467 05
Germany South: +49 711 341 696 0
France: +33 148 576 136
Austria: +43 226 220 673

info@oceanoptics.eu