

Qalif-Spectro

Spectrocolorimeter - Spectroradiometer

The Qalif-Spectro by Acal BFi is a portable and easy to use spectro colorimeter/radiometer featuring a fast integration time covering a photometric CIE values in the 380-780 nm range (extended range from 200 to 850 nm on request).

The Qalif-Spectro can be used for a variety of applications both in laboratories as well as in production.



Key features*

Photometric CIE values spectral range:	380 nm to 780 nm
Extended spectral range (on request) :	200 nm to 850 nm
Detector:	2048 pixels
Pixel resolution:	0.3 nm/pixel
Spectral bandwidth FWHM:	1.5 nm
Color accuracy (illuminance A):	±0.0015 for CIE 1931(xy)1931(xy)
Luminance range:	0.01 cd/m ² up to 9000 cd/m ² (0.003 fL up to 2600 fL)
Measuring values:	cd/m ² or fL CCT/xy/u'v'/uv/wavelength peak
Display:	Color touch LCD screen
Luminance accuracy	± 1%
Measuring aperture:	2° (FOV)
Power:	Li-ion Battery for AC Adapter
Dimensions:	162 x 140 x 101 cm
Weight	1.2 kg

*Specifications are subject to change without notice

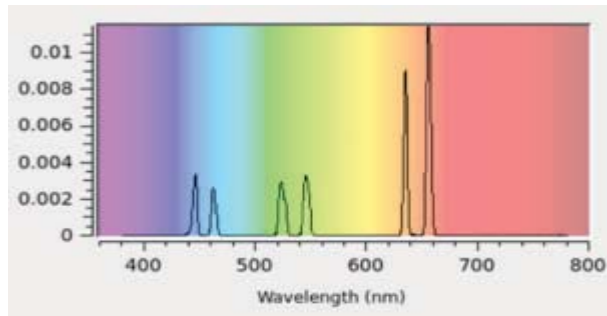
Benefits

- Fast integration time
- Integrated target laser pointer
- Mechanical shutter
- High spectral resolution
- Available interfaces : USB2.0 and WiFi
- Affordable price
- Auto export data with USB Key

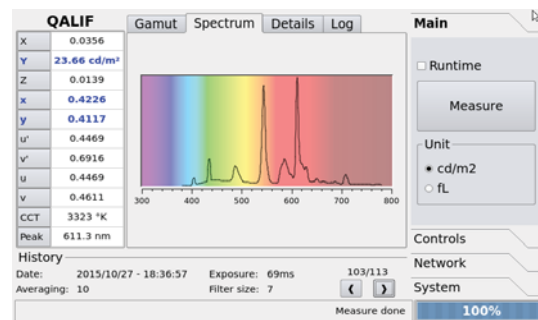
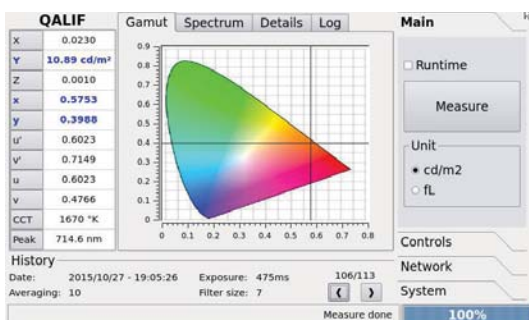
Applications

- LED / OLED characterisation
- Screen characterisation
- Automotive
- Avionics
- Head up display
- Rail industries
- Lighting
- Cinema, installation
- Post-production laboratories
- Laser projectors

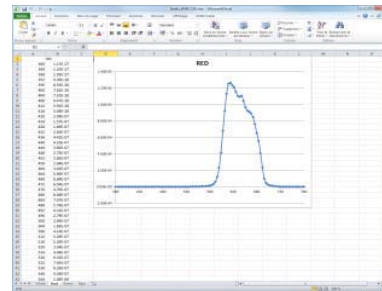
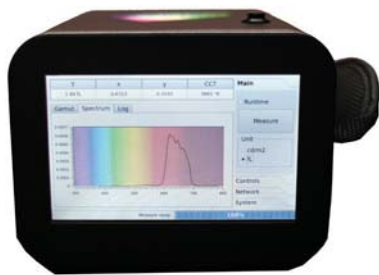
Dual projector alignment with narrow laser rays



Gamut or spectrum view



Automatic download of the results with USB key or ftp software



Deported control on every kind of devices (WiFi link and VNC control)

