



Measuring light

has never been easier

LabSpion

VISO
SYSTEMS

Patent pending

Eliminate
need for a
dark room

www.visosystems.com



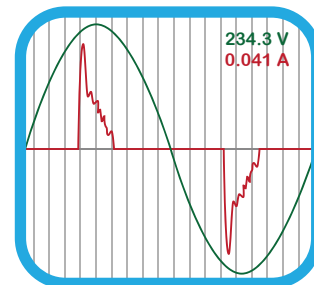
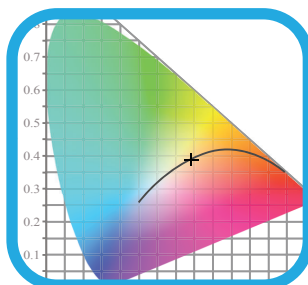
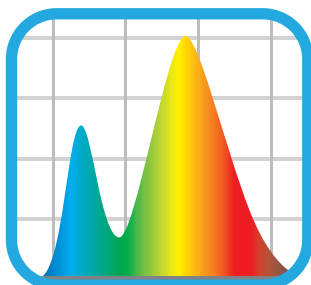
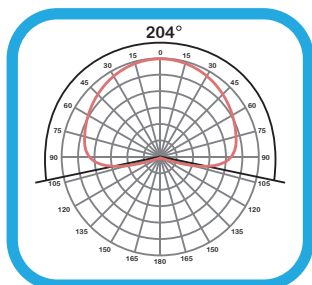
The LabSpion™ uses a directional spectrometer sensor which makes it possible to capture light measurements in room which is not dark. This means that, when you need to make measurements, you can utilize any space at your facility which is available.

A dark backdrop behind the LabSpion is the only thing needed to make accurate measurements.

Measure

- Lumen
- Peak candela
- Colour temperature
- CRI
- Beam angle
- Angular field distribution
- Power
- Power factor
- Lumen per watt
- Export: IES, LDT, PDF

The Viso LabSpion™ enables you to fully measure any light source quickly in one or more C-planes. Simply measure beam angle, lumen, CRI, colour temperature and lumen per watt with the need for expert knowledge. The system is comprised of a full spectra spectrometry sensor and a built-in 70K/sec sample power analyser in order to give you a truly professional light measurement.



Specifications:

Maximum light source dimensions: 1,5m at 2 axis (1 axis 6m)
 Maximum fixture weight: 20 Kg at 2 axis (1 axis 40 kg)
 Sensor distance: 0.5 - 50m
 Integrated laser for sensor distance
 Maximum light source power:
 3Amp (660W@220V, 330W@110V)
 Measures: Lumen, Peak candela, CRI, R1-R15,
 Colour Temperature, Lumen/Watt, power
 and Power Factor.
 Wide lumen range: 10 lm to 10000lm
 Maximum lightsource size: 80mm (diameter)
 Goniometer resolution: 51200 steps / 360 degree
 Spectrometer: Ibsen Photonics custom FREEDOM
 (high sensitive transmission grating)
 Spectral range: 360-830nm (1024 pixels) SONY ILX511B
 Pre-calibrated plug & play solution
 Lumen accuracy: < 4%
 Viso Light Inspector software is included with LabSpion
 Compatible with: Windows 2000, XP, 7 32bit - 64bit
 Save or email any measurements
 Export to: IES, LDT, PDF, Excel
 Detailed power analysis with power scope
 Detailed view of R1-R15 values
 Automatic light gain control
 Attach one or more pictures to your measurements
 Use web-cam to snap picture as quick reference
 Selectable resolution of 90, 180 or 360 scans per 360 degree

LabSpion 2 axis
 goniometer, integrated
 power analyser and goniometer
 drivers. Only connect
 power and USB.

Spectrometer sensor
 with integrated laser
 to measure distance
 to light source.
 Easy connect using
 standard RJ45 CAT 5
 cable.

Mounting bracket
 for multiple types
 of lighting sources
 and fixtures.