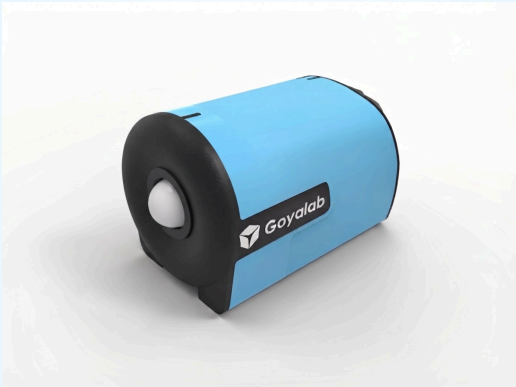
INDIGO HANDHELD RANGE

IndiGo LightMeter

Portable spectroradiometer for LEDs and PAR

The IndiGo LightMeter is a pocket spectroradiometer for lighting and horticulture. Its integrated cosine corrector and intensity-corrected 400–750 nm spectrum give access to photometric, colorimetric and photosynthetic quantities – PPFD, ePAR, R/FR – directly on a smartphone with the SpectroLight app or on a PC with SpectroLab.



400–750 nm	PPFD · ePAR	R/FR	70°	BLE 5.0
Corrected range	Photon flux	Ratio	Cosine response	+ USB-C

Key features

- Integrated cosine corrector (Lambert response up to 70°)
- Relative-intensity-corrected spectrum
- PPFD over PAR 400 – 700 nm
- ePAR including far-red to 750 nm
- Red / far-red ratio (660 / 730 nm)
- CCT, CRI (Ra & R9), lux and DLI
- SpectroLight app (Android)
- SpectroLab for Windows

SpectroLight app (Android)

Lighting & LED profile
Correlated colour temperature, CRI (Ra and R9), chromaticity coordinates and illuminance in lux, calculated from the spectrum.

Horticulture & PAR profile
PPFD, ePAR, red / far-red ratio and daily light integral (DLI) from the photoperiod you enter.

Reports & export
Instant PDF report with spectrum and metrics, TXT / CSV export, files compatible with SpectroLab.

Typical applications

Greenhouses & vertical farms · Horticultural LED design · LED quality control · Lighting audits · Plant research

MEASUREMENT	
Spectral range	400 – 750 nm (intensity corrected)
Input optic	Cosine corrector, up to 70°
Quantities	PPFD, ePAR, R/FR, photometric & colorimetric values

INTERFACES & SOFTWARE	
Connectivity	Bluetooth 5.0 · USB-C
Mobile	SpectroLight app (Android)
PC	SpectroLab
Core	IndiGo UV/Vis platform

Ordering information

AR00169 IndiGo LightMeter

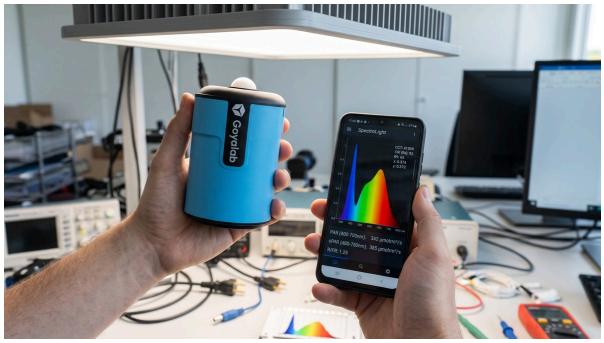
AR00164 GoCal – automatic wavelength self-calibration module

Part numbers for information – please confirm with GoyaLab when ordering.

In use



IndiGo LightMeter measuring PAR in a greenhouse



Qualifying an LED source in the lab

About GoyaLab — French manufacturer of portable and process spectrometers based in Talence (Bordeaux). GoyaLab designs compact, connected and affordable spectroscopy instruments — from the smartphone-based GoSpectro to the IndiGo handheld range and the T-Trace in-line process spectrometers — and supports customers in developing their own spectral applications.

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