



# FEASA™ LED ANALYSER

## 2 & 3 CHANNEL FUNCTIONAL TEST MODELS

The Best Product for Testing LED's

- Tests the Full Spectrum of Visible LED's from very dim to the brightest available.
- Unrivalled repeatability for Color and Intensity testing.
- Easy to operate using the USB interface



If you demand repeatable Color and Intensity readings with ease of use, take a look at the world's best product for testing LED's.

With this new innovative product Feasa has addressed the issues of Bin Coding, Tri-Color LED's, and Intensity Stability.

When LED Testing is critical to the success of your product – The Feasa LED Analyser in conjunction with the Feasa Optical Head is your only choice.

### KEY FEATURES

- Available in 2 & 3 Channel Models
- Tests up to 3 LEDs simultaneously on any Functional Test Platform (ICT Models also available)
- Each Channel Programmed Independently.
- Tests the full spectrum of visible LED's (Including white), Bicolor, Tricolor and Pulse Width Modulated LED's (PWM)
- Unrivalled repeatability for color and intensity readings.
- Excellent Technical Support.
- Supplied with Software, Drivers & Fibers as standard
- Optical Heads included for Intensity stability.
- Robust and Reliable Design.
- Uses flexible plastic Optical Fibers for ease of Installation.
- Fast Worldwide Distribution.

### APPLICATIONS

- Automotive – Dashboard / Brake Lights / Daytime Running Lights / Interior Lighting.
- Mobile Applications – Cell Phones, Back Lighting
- LED T.V.
- Industrial and Medical Instruments.
- Signalling.
- Architectural Lighting





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### Specifications

#### Optical

Red Peak Efficiency Wavelength	615 nm
Green Peak Efficiency Wavelength	540 nm
Blue Peak Efficiency Wavelength	465 nm
Total Operating Wavelength Range:	450 nm to 650 nm

#### Electrical

Supply Voltage	5.0 V Powered by USB
Supply Current	80mA
Interface	USB
Output Data Format	Intensity Saturation* Hue RGB x y u v

\* Saturation is the degree of whiteness emitted by a LED

#### Physical

Contained in Aluminium Enclosure	
Dimensions	86mm x 54mm x 53mm
Fiber Length	0.6m
Fiber Diameter	1.0mm, including cladding
Number of Fibers	3
Minimum Bend Radius of Fiber	15mm
Operating Temperature Range	0°C to +50°C

#### Accuracy

White	$x = \pm 0.0015, y = \pm 0.0015$
Red (615nm)	$\pm 3\text{nm}$
Green (540nm)	$\pm 4\text{nm}$
Blue (465nm)	$\pm 3\text{nm}$

#### Ordering Information

Feasa 3 Channel LED Analyser	Part No.: Feasa 3-F (Tests up to 3 LEDs)
Feasa 2 Channel LED Analyser	Part No.: Feasa 2-F (Tests up to 2 LEDs)
Feasa Optical Head (Vertical Access)	Part No.: OH-3 (Included with Feasa 2F & 3F)
Feasa Optical Head (Side Access)	Part No.: OH-4

All LED Analysers are supplied with Software, Fibers, Receptacles, Cables and Fibercutter free of charge



Feasa

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