



## ColorBUG

Perfect for lighting designers, photographers and producers, colorBUG allows you to determine CIE colour values and illuminance easily and conveniently. This handheld device is no larger than a typical mobile phone. With its wireless capabilities, ColorBUG communicates directly with your iPhone or iPod touch without the need for a PC or cables. The software for the ColorBUG is available via the iTunes network.

## Applications

- » Architectural lighting
- » Studio and theatre lighting
- » Lighting in greenhouses
- » Testing light designs
- » LED Streetlighting analysis
- » Digital photography

## Features

- » Gives CIE colour values
- » Wireless capabilities
- » Connects to iPhone and iPod touch (not included)
- » Rechargeable via mini USB
- » Mounting capabilities

## Advantages

- » Small footprint
- » Easy to handle
- » Low cost
- » No need for external power supply
- » Flexible
- » Portable
- » User-friendly

# Specifications

## ColorBUG\*

Digital resolution	16 bits with AGC, 1,000,000:1 dynamic range
Display	Data display on client software
Measurement modes	Illuminance (lux) & Chromaticity (CIE, x, y, CCT)
Networking	802.11a/b/g wireless, Bonjour compatible, multiple units readable on client
Interface	802.11 Wi-Fi
Illuminance range	0.1 - 15,000 lux
Illuminance accuracy	+ 2% of displayed value
Illuminance repeatability	0.5%
Colour accuracy	+ 0.003 in CIE 1931 x,y color space, measuring illuminant A
Data acquisition rate	Mac software - 0.5 - 10 seconds iPhone application - 2 seconds
Memory storage	Memory storage/recall on client side, to sample depress center button
Battery	Lithium-ion rechargeable battery
Battery life	6 hours of continuous use
Dimensions	100 x 65 x 40 mm
Weight	120 grams

\* Apple iPhone / Apple iPod touch not included



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