Isolight Puck

Light Meter System

Patents Pending

Quickly and accurately measure light level, uniformity, and exposure time for faster setup, consistent results, and better image quality

Features

- Cosine-corrected, autoranging color sensor measures light level (lux) and color in CCT (K) and Yxy coordinates
- Multicolor LED ring controlled by 16 user-programmable alarms for monitoring lighting conditions
- 1/4”-20 thread and back magnet for versatile mounting in light boxes, on walls, or on a tripod
- Mini-B USB connector for communication with desktop PCs and Android devices

Applications

- Studio camera and lighting calibration
- Verify conformance to standards or customer specifications
- Customer or tradeshow demos
- Camera production test systems

Peripheral Vision

Camera design services

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- Sensor and camera characterization
- ISP tuning and image quality testing
- Studio equipment & automation
- Component selection and sourcing

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User-programmable multi-color LED indicator to indicate lighting conditions. Program up to 16 independent prioritized alarm conditions.

Alarm parameters include:

- Variable: illuminance (lux), CCT (K), CIE x or y coordinates
- 14 different test conditions including >, <, =, and range tests
- Two value parameters
- Eight LED colors
- Three different LED patterns (solid, blink, spin)

LED brightness adapts automatically to ambient light level or can be set manually.

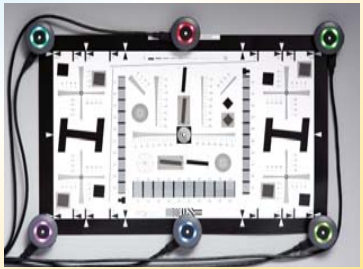
USB mini-B connector for monitoring and control. Serial-over-USB protocol is compatible with Windows, Apple, and Linux PCs

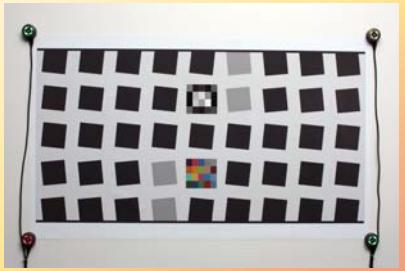
Android app coming soon

Autoranging sensor measures full color (CIE-XYZ response) and incident light from 0.1 lux to 1.0Mlux. Color can be reported as CCT (in K) or Yxy chromaticity coordinates.

Actual Dimensions:
1.6 in x 1.6 in x 0.8 in
(40 mm x 40 mm x 21 mm)

Mount on a tripod via the 1/4”-20 thread or use the rear magnet to mount in light booths or white boards. Additonal mounting accessories include spring clips and tie loops.





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