

LIGHTcube

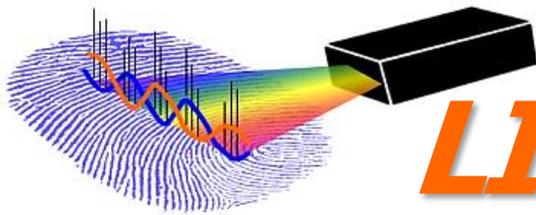
**Preliminary
Information:
Innovative Illumination
System**



Modular Forensic Lightsource System

for use at the laboratory
and at the crime scene





LIGHTcube

Forensic light sources are expensive due to the combination of high technical demands and the comparably low scale of production. For search and photography of evidence at the crime scene and in the laboratory, the same range of wavelengths (light colours) may be in use, the demand on the design is though different. In result, often multiple specialised light sources with only minor design differences need to be purchased. With the arrival of a new treatment method or chemical or with a new range of duty, additional wavelengths or power may be required. It would be desirable to have an upgradable system then.

LIGHTcube by Attestor Forensics is a modular light system with individually combinable and scalable modules. Each module features one particular wavelength and can be controlled (on/off and dimming) via a membrane panel.

For increased versatility and budget economy **LIGHTcubes** can be scaled (multiple modules of the same wavelength for more power) or combined (multiple modules of different wavelength for different tasks), easily be added at a later date or maybe used together with temporarily borrowed modules from other units.

The top and bottom of each module features a mechanical quick release fastener. When clicking a **LIGHTcube** module to another or to a power adaptor, it automatically connects with power as well as to a control bus. Via this bus multiple modules of the same colour can be switched or dimmed by a superior system, e.g. the controller of a **LABview** system.

For easy cleaning and for DNA reasons **LIGHTcube** are designed without a cooling fan. Also there is a cover for the quick release fastener and the power and bus socket which is simply clicked onto the last module (see right pictures with **LIGHTcube** on the handle).

Currently **LIGHTcubes** are available in white (two light colours), IR, green, blue and UV. Further modules with additional colours and beam shapes are under construction.

For optimum illumination in combination with a camera stand, we offer an adaptor which allows adjustment of the modules in horizontal direction and in angle.

In case **LIGHTcube** shall be used off the standard positions (e.g. side light), without any mounting or e.g. at the crime scene, we offer a handle system with direct or cable bound connection of the unit to a rechargeable battery or mains supply.

This novel system enables you to freely configure the power and the wavelength combinations of your own custom forensic light source. Moreover, the ability to add further modules makes it future-proof.



Authorised Distributor

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