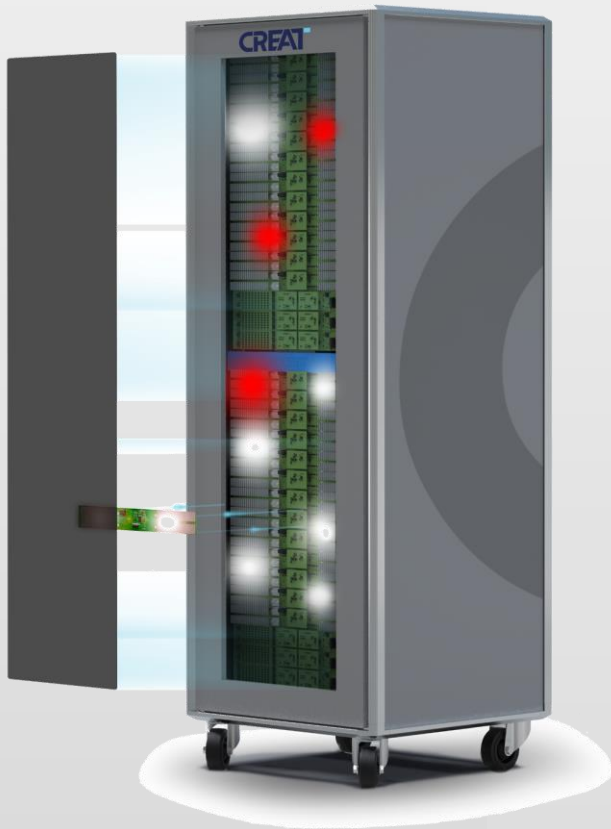


LightCube - Lighting ECU test system



- Electrified
- Connected
- Personalized



Purpose (Base Use Case)

Automated testing of Lighting ECUs. The System allows the emulation of Headlamps (also with matrix capabilities) as well as rear lamps. No further measurement equipment needed for automated testing.

Product Variants

Product can be configured freely by customer needs. Different Housings and LED configurations available.

Technical Specifications

Number of channels	up to 34 channels possible
Channel types	high power, low power support of matrix and linear controllers
Measurements (per channel)	Voltage, Current PWM (frequency and duty) state of matrix/linear controllers
Interface	Web based REST API
LED chains	Up to 60 V, 1.5 A

Development

Housing	Standard
System	CREAT GmbH
LED boards	CREAT GmbH
Matrix/linear controller integration	CREAT GmbH
Software	CREAT GmbH



Product USP's

Automated testing for Lighting ECUs

Configurable according customer needs

Replaces bread boards or real lamps for software test purposes

Integration in existing test frameworks

Concept

Prototype

SOP



Target Price

50k€ to 120k€ (depends on spec)

