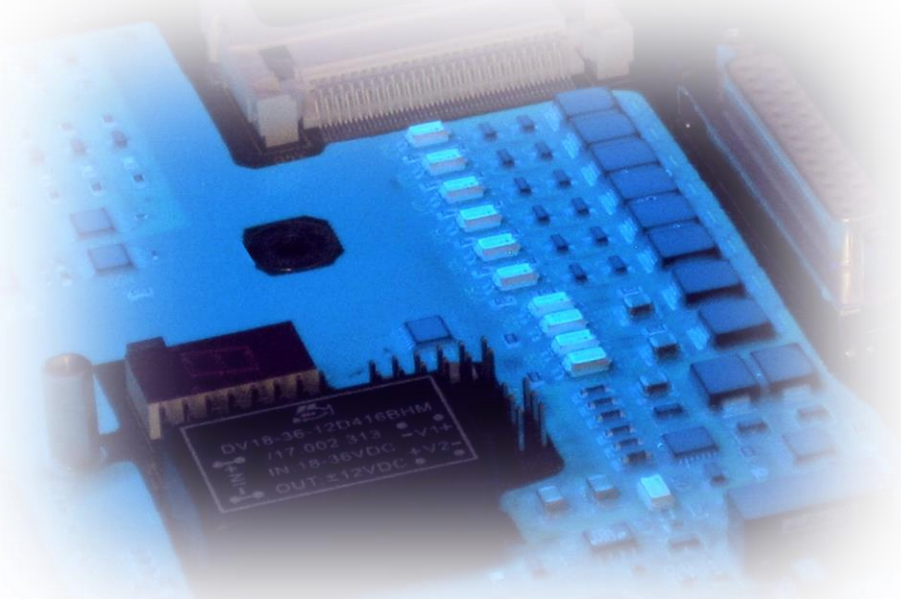


I-LED Blacklight-Emitter UV-Strahler



Inspection of fluorescent coating systems

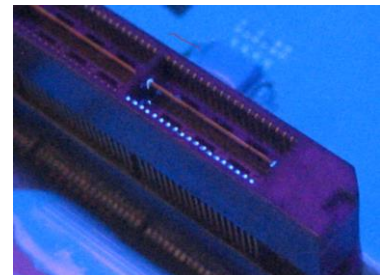


Product use

- ✓ High black light intensity
- ✓ Low energy consumption
- ✓ High quality
- ✓ Long connection cable
- ✓ Separate control
- ✓ LEDs with scattered lenses
- Optimum control
- Hardly any heat development
- Long lifetime
- Integrable into existing coating systems
- Easy switching on and controlling
- Uniform light distribution



UV lamp with control unit

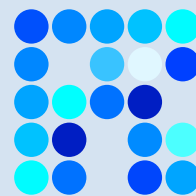


Coating facilities
Dosing systems
2K-Dosing system
Jet vents
Drying station
UV-Oven
Inspection systems
Coating sets
Complete equipment
Service & Consulting

The I-LED emitter is a UV lamp that can be used in the inspection area of protective-coated assemblies. Due to the favorable dimensions, the separate control and the long connection cable, the spotlight can be easily integrated in coating machines and conveyor belts. It also finds his application in the incoming and outgoing inspection.

I-LED Blacklight-Emitter

UV-Strahler

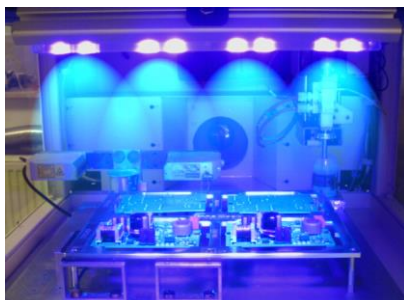


Inspektion of fluorescent coating systems

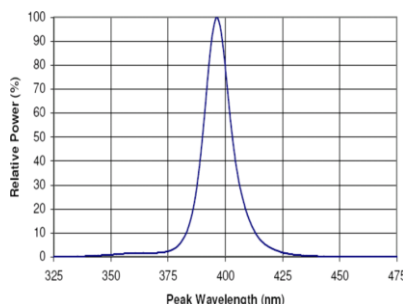
LED Technology – Innovative und economically

The LED technology has overtaken the classic light sources by high luminous efficacy and optimized efficiency. As a low-maintenance unit, this light source offers a wide range of applications – including visual inspection technology and quality assurance.

Particularly in the field of electronic coating, the inspection of the coating properties is a basic prerequisite for process evaluation and its optimization.



Integration in coating robots



I-LED Emissions spectrum – Peak at 395 nm

I-LED Blacklight Emitter for fluorescent Coatings

The I-LED Blacklight emitter is a black light emitter with VIS components. This is suitable for inspection purposes of fluorescent surfaces, in particular for the detection of paint contaminants in plugs or switches and for testing the coating geometry.

The spotlight consists of 16 high-performance LEDs with a long service life, low energy consumption and an adapted power supply. The LEDs are used in hollow mirror testers so that the luminous flux can be bundled in a targeted manner. Additional scattering lenses also allow an uniform distribution of the black light on the surface to be examined.

The LED emitter is disconnected from the control electronics so that the installation space is only 60 mm. For this reason, the spotlight can be installed in any coating system to save space.

Technical Data

Connection:	100V-240V 50/60Hz
LED's	12x 1W..3W COB 395 nm
Input:	55W
Propagation angle:	approx. 60° or diffuse with spreading board
Cable length:	3 meters shielded

Item number	Name
70011001	I-LED Blacklight Emitter

EPSYS is a producer of manufacturing equipment and accessories for the process protective coating, drying and control. EPSYS offers the complete set-up and integration of the required components for assembly protection.

Engineering Office EPSYS

Paul Voinea Fon +49 911 23980460
Nimrodstraße 9/2 Fax +49 911 23980469
90441 Nürnberg info@inno-coat.de

Distributor: