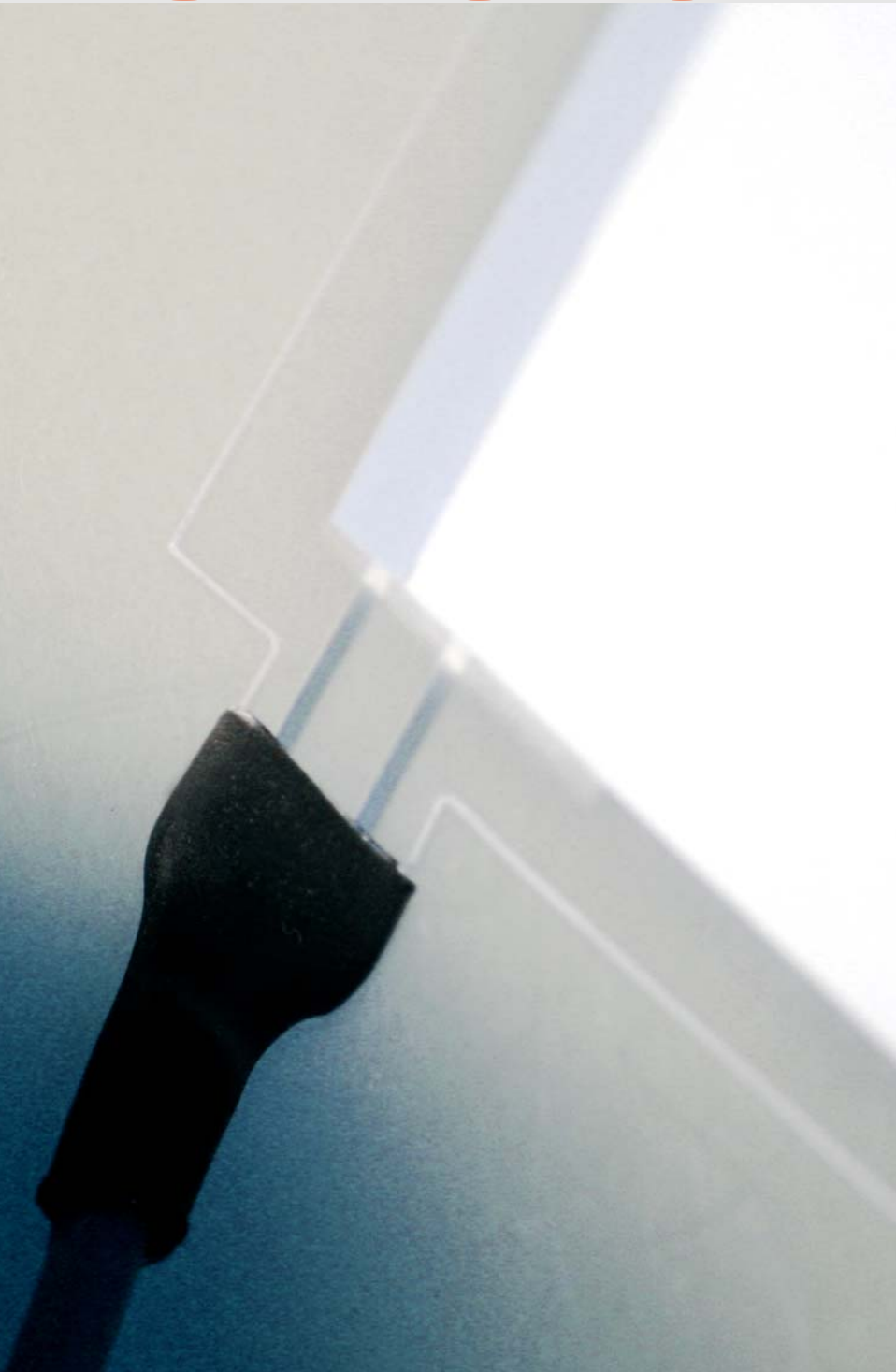




**OPERATING MANUAL**

**ELFOLIE**





## OPERATING MANUAL

Dear Customer,

we congratulate you to the purchase of our innovative medium.

This application extravagates the known limitations of illuminating device. Whether advertisement, marketing, promotion, booth construction, decoration or modeling: Our product will most likely meet your requirements.

The “EL-Folie” is comparable with a capacitor, i.e. it consists of two outside leading layers and an internal insulant, that separates the electrical layers. You could suffer an electric shock when the lamination is damaged. The lamination is used as an outside protective layer, which isolates electrically and lets the emitted light through. By their mechanical condition, they protect with different strengths against scratches or abrasions (in some cases also against UV light).

Despite the easy operability of our foils it necessary to consider the following rules:

### LAMINATION

The lamination with plastics protects and isolates the surface of the “EL – Folie”. Check the lamination for possible damages. Do not activate the foil if the foil is not free of damages. Please send it back immediately. Please protect the foils against humidity and UV light. In no way the foils and the contacts should be bended.

Do not cut the laminated foils. Do not pierce the laminated foils in the illuminating area with a nail, a thumbtacks or any other sharp device. The lamination will be damaged and you loose the protection against an electric shock!!!

The delivered foils are basically constructed for indoor use only. Although the foils are resistant against splashing water through the lamination, do not use the foils in such an environmental circumstances. The foils are not designed for outdoor use.

### CUTTING

The delivered foils are finally laminated and it is in no way allowed to cut the foils afterwards. The lamination will be damaged and you loose the protection against an electric shock!!!

### CONTROL / INVERTER

Every inverter is usually designed for a particular size, colour and type of foil. If the lighting surface is too large for the inverter, the emitting light of the foil will be on a low level. If the lighting surface is too small in cooperation with the inverter, the power of the inverter could destroy the foil through overvoltage.

For a versatile use of the foil and the inverter we recommend the use of a novel, electronically adjustable inverter which is independent of the foil size.



# **OPERATING MANUAL**

## **ASSEMBLING OTHER COMPONENTS**

If you would like to assemble other components to or around the foils, please ensure that all components of the foils are isolated against any metallic parts.

## **CLEANING**

Our laminations do not include any toxic materials. They do not cause cancer.

Our laminations are resistant against electric sparks.

Do not use solvent or special cleaning agents to keep your foils clean. You only need a wet-tish cloth.

## **ADVICE**

Please adjust the brightness only to the value that is sufficient for your application. The lower the intensity of the emitted light the longer is the life span of the foils.

## **REMARK**

If you don't follow the rules of this references, DKN. GmbH & Co. KG takes no responsibility for personal injury or damage to property.



DKN. does not accept responsibility for any printing error.

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