

Handling and installation instructions for IQ Linear optical films

The optical film contains a sensitive optical nanostructure. The following advice should be observed for proper functionality.

Optical film handling



Keep the optical film clean, work with clean gloves and tools.

In case of contamination of the functional structure, its function can be significantly affected and aesthetic defects may appear.



Avoid sharp bends / small bend radius.

Exposing the film to long-term stress by bending or twisting can lead to the formation of numerous small cracks, the function of the optical structure deteriorates and aesthetic defects may appear.



Avoid scratching the film surface.

Including its reverse side without the optical structure.

Installation of the optical film to the luminaire



Adjust the length of the optical film.

The length of the optical film can be adjusted by sharp scissors or a knife provided that the film is not damaged during cutting. The cutting should be done before removing the protective film.



Remove the protective film.

The non structured side of the film is covered with a protective film which **must** be removed before installation into the luminaire.



Correct orientation of the optical film in the luminaire.

The nanostructured side must face the LED chips in the interior of the luminaire.