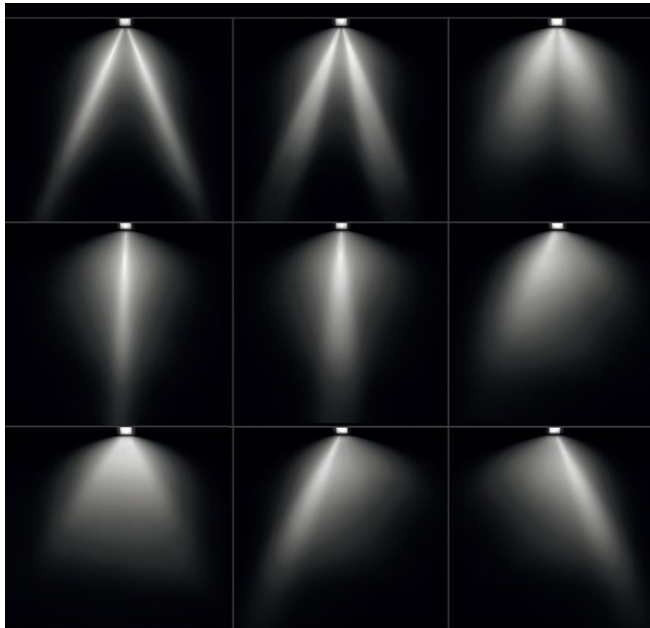


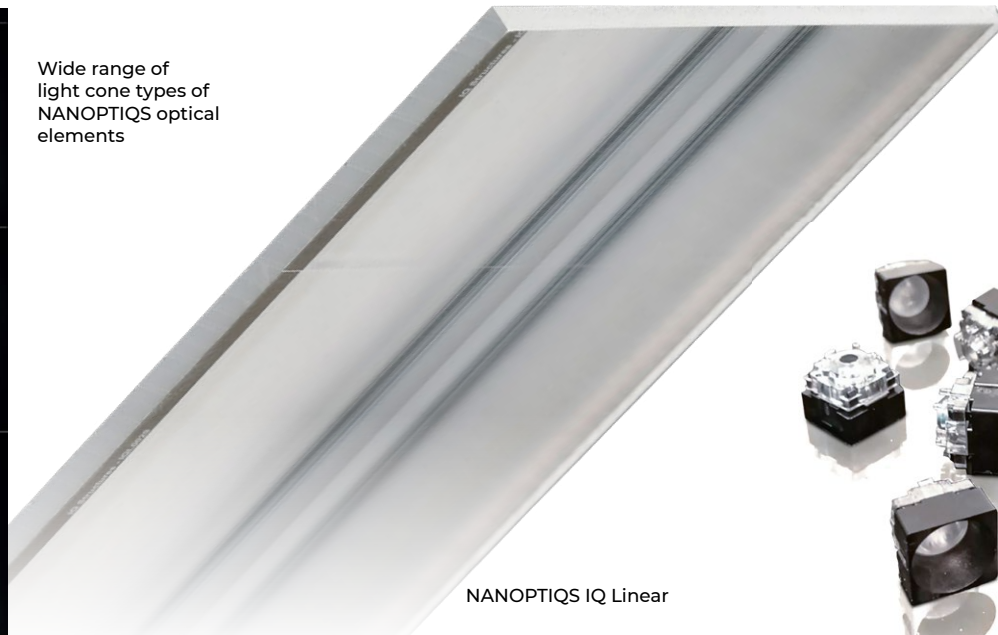
NANOPTIQS

NANOPTIQS

Micro- and nanostructured optics for conventional light sources and sensors



Wide range of light cone types of NANOPTIQS optical elements

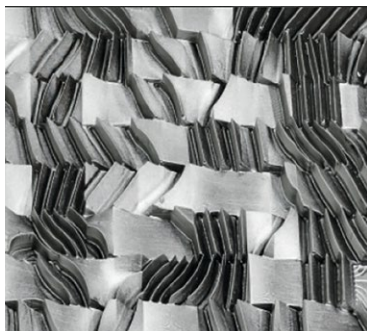


NANOPTIQS IQ Linear



NANOPTIQS IQ System

Micro- and nanostructured optics



30 μm

■ NANOPTIQS optical elements are flat, extremely thin, light, compact, but most of all, precise and highly adaptable. ■ Micro- and nanostructured optics allows for production of light sources and sensors with extended abilities in directing the light cone, thus significantly improving the efficiency and reducing the cost of en-

ergy. ■ NANOPTIQS gives to light sources some functions and properties unobtainable with common optics. ■ Lamps using nanooptics direct light only to the areas where it is actually needed. The possibility to precisely control every ray of light emitted by the source will allow for significant reduction of light pollution in

cities in the future. ■ For manufacturers, miniaturisation of lamps will mean a significant reduction of the cost of plastics, steel, and aluminium as well as the cost of processing. ■ Thanks to effective directing of light by NANOPTIQS optics, users can reduce the number of light sources, thus also saving the cost of electricity.