

ARCtec®-flex – Natural Light System

Shielded Components ARCtec®-flex Natural Light System

Natural light in eaves- dropping protected and windowless rooms

The challenge in planning eavesdropping protected and windowless rooms lies in user acceptance. Only those who feel comfortable will use these rooms. In terms of lighting, this has been exceedingly difficult to achieve up to now.

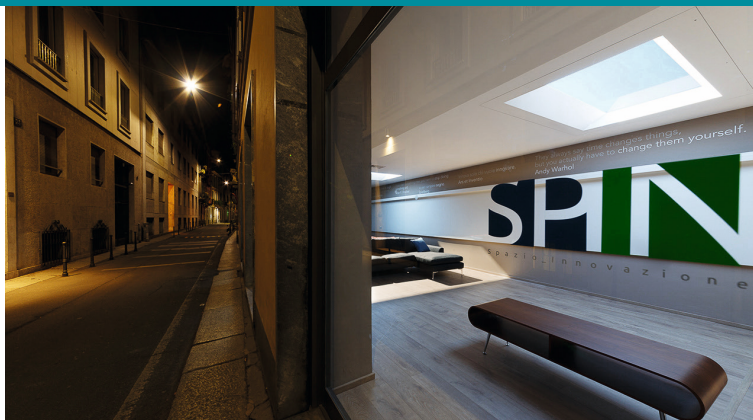
With the **ARCtec®-flex Natural Light System** it is now possible to perfectly reproduce natural light into eavesdropping protected and windowless rooms and thus significantly increase acceptance.

The **ARCtec®-flex Natural Light System** consisting of:

1. Custom-made, high-brightness LEDs that deliver the spectral quality, the luminance and the directionality that is necessary to produce a convincing simulation of the sun
2. Based on the psychological and physiological effects of human vision, **ARCtec®-flex Natural Light System** recreates the optical illusion of the sky and the sun located at an infinite distance from the observer through a sophisticated system of optics
3. A randomized dispersion of nanoparticles in a thin transparent material reproduces the same quality and the same amount of Rayleigh scattering that sun rays experience when crossing the atmosphere, which causes our sky to appear luminous and blue

The company EMshield® GmbH

EMshield® GmbH offers many years of experience in the area of active and passive protection against eavesdropping, electromagnetic and architectural room shielding as well as the necessary accessories. All rights reserved. Specifications are subject to change without notice. Find out more at www.emshield.de.



ARCtec®-flex Natural Light System can be supplied in various designs and sizes. Our architects and project managers will be happy to advise you on your special solutions.



Made in Europe for EMshield is not just a stamp. It stands for the philosophy to develop and manufacture products according to the highest European standards. The advantage of our location is reflected in the technology, design and innovation.

ARCtec®-flex Natural Light Systems are made for:

Eavesdropping Protection

- ✓ Authorities
- ✓ Embassies
- ✓ Banks
- ✓ Privat Companies
- ✓ Military Locations

EMshield
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