



Revolutionary technology to purify, control, and sustain light

Genlyte Solution's MesoOptics technology offers exceptional control and efficiency, inspired by nature. Taking inspiration from butterflies, whose wings selectively curve and scatter light, MesoOptics employs holographic technology to create vision-friendly lighting solutions that are exceptionally energy efficient.

Deliver better visual comfort with fewer luminaires, lower installation costs, and higher energy savings with MesoOptics technology.

Controlling and enhancing light beam

Smoothing light distribution

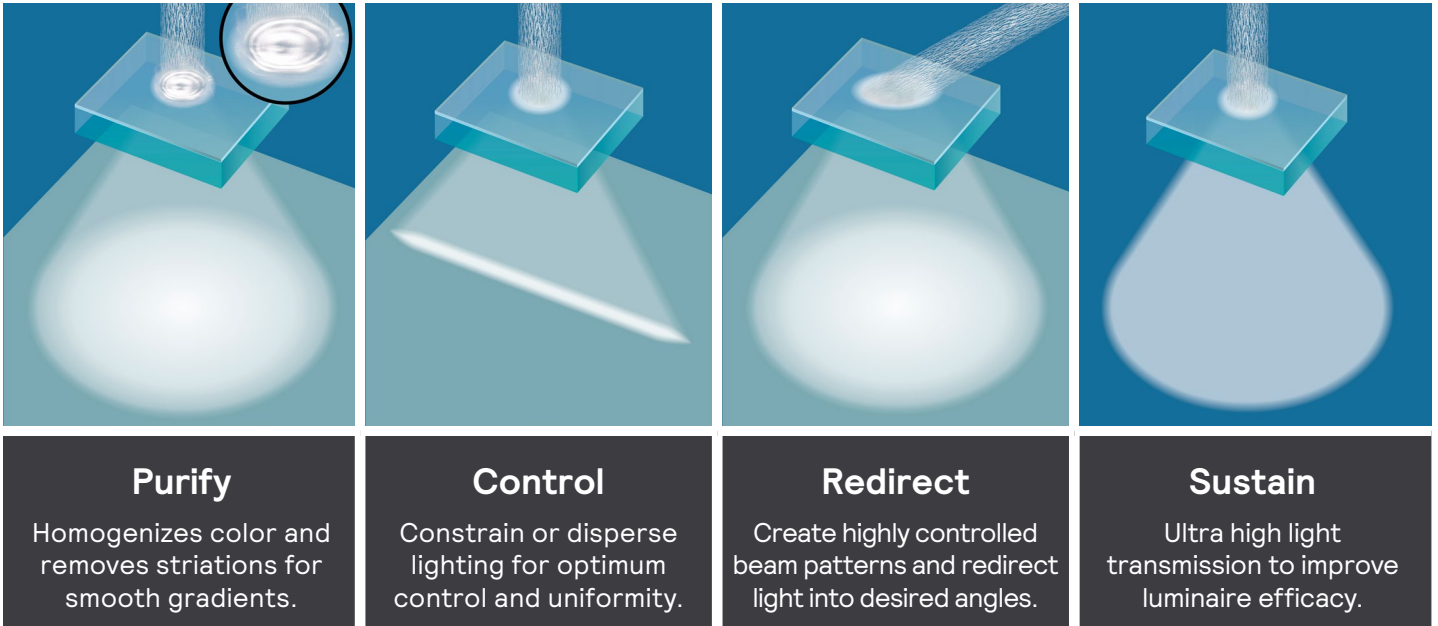
Mitigating direct pixilated glare

MesoOptics technology

Creating visual comfort and energy savings

MesoOptics holographic and digital laser technology provides the best possible combination of control and luminance. Using specialized processes, microstructures

less than 5 microns in size are applied to a substrate, creating a highly efficient and unique lighting control approach that purifies, controls, redirects, and sustains light.



Perfectly balanced brightness, control, and energy efficiency



Higher transmission efficiencies translate into a reduction in energy consumption versus traditional optical control methods.

MesoOptics has a high transmission efficiency allowing a typical space to consume up to 35% less energy for lighting and requiring fewer fixtures installed.

Additionally, MesoOptics introduces small amounts of controlled brightness to vertical surfaces to create a brighter, visually comfortable environment without unwanted glare.

Explore indoor lighting solutions from trusted brands enhanced with MesoOptics technology.

