



by @signify

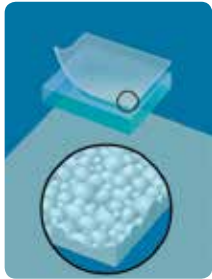
Recessed

MesoOptics



mesoOptics

Purified, controlled
& sustainable
recessed lighting



Optical Nanotechnology

Visual comfort and energy savings.

Ledalite MesoOptics technology offers a revolutionary way to purify and control light, allowing for the creation of vision friendly lighting solutions that are exceptionally energy efficient.



PURIFY

Homogenizes light to remove striations.



CONTROL

Controls beam dispersion to optimize light distribution.



REDIRECT

Redirects light away from glare angles.



SUSTAIN

95% transmission efficiency.





Inspired by nature. Butterfly wings consist of three-dimensional crystal nanostructures which selectively curve and scatter light.

Perfectly balanced brightness, control and energy efficiency

MesoOptics technology allows recessed lighting to have the best possible combination of lighting control and brightness with efficiencies that are almost 20% higher than traditional recessed products.

In many cases, this can result in a typical space consuming up to 35% less energy for lighting. A small amount of controlled brightness is introduced to the walls and ceiling, creating a brighter, more pleasant environment without causing unwanted glare.

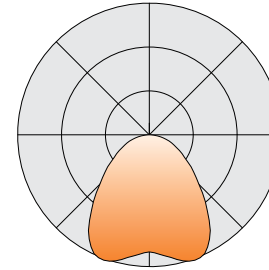
Vision-friendly lighting solution

MesoOptics is a true innovation in lighting technology that creates spaces which are bright, uniformly lit and pleasant.

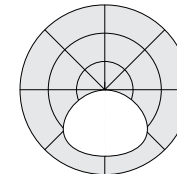
Save energy without compromise

MesoOptics is highly efficient and optimizes the distribution of light in the space. It minimizes energy consumption and decreases the number of fixtures in a space while creating an exceptional luminous environment.

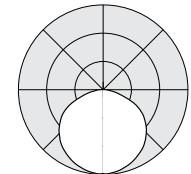
A visible difference



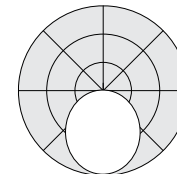
MesoOptics recessed fixtures create an optimal batwing distribution which provides high angle glare control and less light intensity directly below the fixture while increasing brightness throughout the space for exceptional visual comfort.



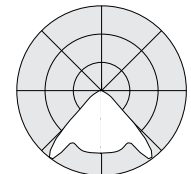
Micro
Diffuser



Indirect
Basket



Opal
Acrylic



Parabolic
Louver



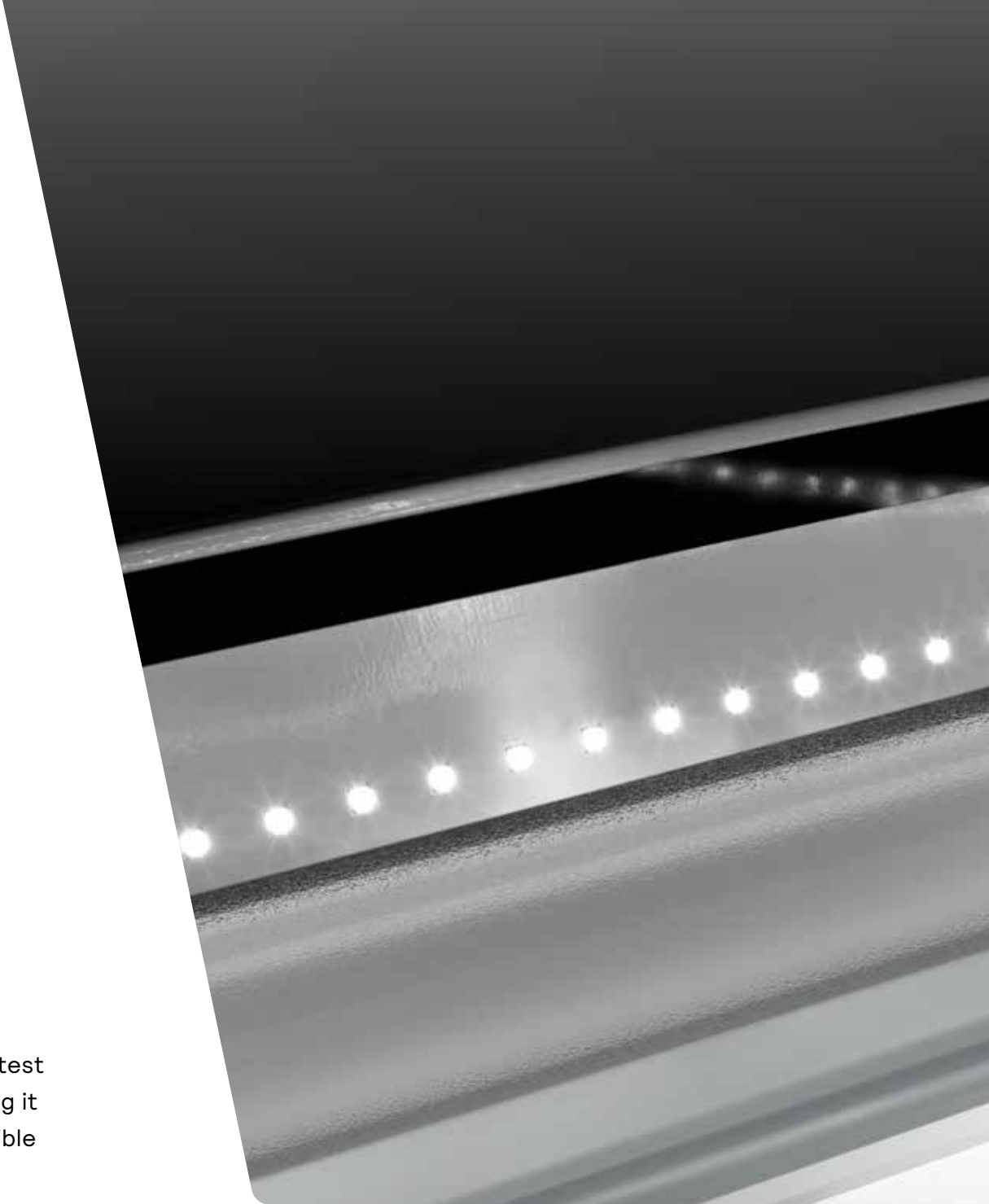
A typical recessed parabolic fixture offers decent glare control at some angles, but it creates a dark, cave-like environment with harsh shadows and dark walls.



Luminaires with MesoOptics offer excellent glare control from all angles, and increase brightness levels throughout the space. This leads to softer shadows and a brighter space that is still visually comfortable.

Always moving forward

Ledalite is constantly improving and applying the latest available energy saving LED technology and combining it with trademark MesoOptics to offer the best possible recessed luminaires.





ArcForm



SilkSpace



Pure FX



Vectra







ArcForm



Soft, subtle and sophisticated,
a natural fit for any space.



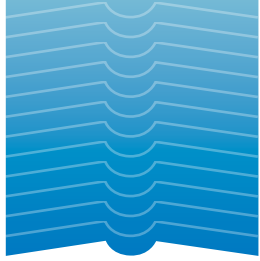
SilkSpace



A clean, crisp profile with ultra low glare for comfort in contemporary spaces.





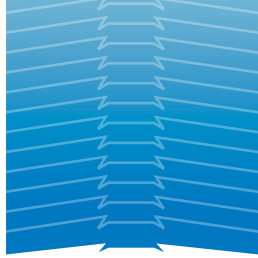


Pure FX



A beautiful, sculpted shape for a natural, luminous environment.





Vectra



A refined aesthetic for modern architectural spaces.



BOARDROOM

The low glare, uniform lighting achievable with MesoOptics, is excellent in boardrooms.



Luminaires designed for wider spacing means fewer luminaires and less energy consumption in large open plan areas.

OPEN OFFICE



HEALTHCARE

Refined aesthetics and quality lighting create comfortable spaces for patients and medical professionals.



With fixture integrated controls like daylight harvesting sensors, energy savings are maximized in spaces that provide organic light.

CAFETERIA



CLASSROOM

Fewer fixtures, lower energy densities, and visually comfortable surroundings enhance the learning environment.



Size availability

2 x 2 recessed

AVAILABLE WITH:



2 x 4 recessed

AVAILABLE WITH:



1 x 4 recessed

AVAILABLE WITH:



