

COOLEGE™

# FABRILum

Architectural Acoustic Luminaires

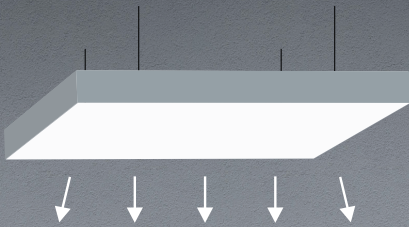


Beyond Lighting

# FABRILUM GOES BEYOND LIGHTING...

At Cooledge, we're not satisfied simply selling products that provide best-in-class illumination. FABRILum goes beyond lighting to deliver so much more: unparalleled acoustic performance plus new architectural forms.

## FABRILum is... LIGHTING

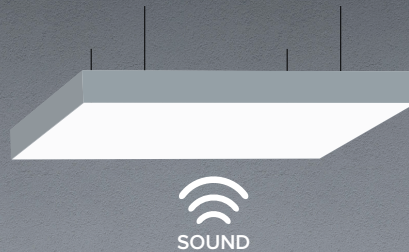


### Immersive Illumination

Full canopies of light that bring the expansive feeling of natural light to open plan spaces and provide high levels of illumination without the visual discomfort and glare of traditional lighting.

- Large Surface Area
- Surprising Levels of Illumination
- Exceptional Color Rendering
- Low Glare
- Flicker Free
- Deep Dimming
- Uniform Light Output
- Consistent Color Uniformity
- Tunable White

## FABRILum is... BEYOND LIGHTING



### Acoustic Performance

Matches high performance passive acoustic materials to deliver unmatched noise reduction – especially in open spaces.

### Architectural Form

In architecture, “form” refers to the sum of characteristics that include shape, size, scale, color, texture, and position. Form implies an importance beyond mere function.

# ACOUSTIC LIGHTING

Unlike others, we didn't just fake it by wrapping existing lighting products in acoustic felt or bolting a standard light fixture to a passive panel and call it acoustic lighting: we built an acoustic luminaire that doesn't compromise on lighting performance or design AND performs on a par with the best acoustic solutions for reducing noise pollution in open spaces.

## NO COMPROMISES

- You don't have to accept anything less than the perfect solution for solving noise pollution and still delivering the best illumination possible
- You don't have to choose between great lighting and peaceful quiet
- You don't have to settle for traditional points and lines luminaires masquerading as acoustic solutions
- You don't need the clutter of fuzzy boxes and panels in your ceiling



Compromises



NO Compromises

## NOISE REDUCTION

Acoustic engineers use a metric called a "sabin" to quantify sound absorption. More sabins means more sound absorption... equals less noise.

## SIZE MATTERS

Sound absorption (sabins) is dependent on two equally important characteristics:

$$\text{Sabins} = \text{Absorption Properties} \times \text{Size}$$

Small luminaires with high sound absorption ratings (often presented as "NRC") won't contribute to significant noise reduction (sabins) without the addition of a large number of passive acoustic baffles or panels.

## PASSIVE ACOUSTICS DON'T EMIT LIGHT

So why would you use them when there is a better alternative?

FABRILum **goes beyond** merely adding acoustic elements: it solves the problem of noise pollution in open ceilings without compromising lighting or aesthetics.

# LIGHTING DESIGNED FOR PEOPLE

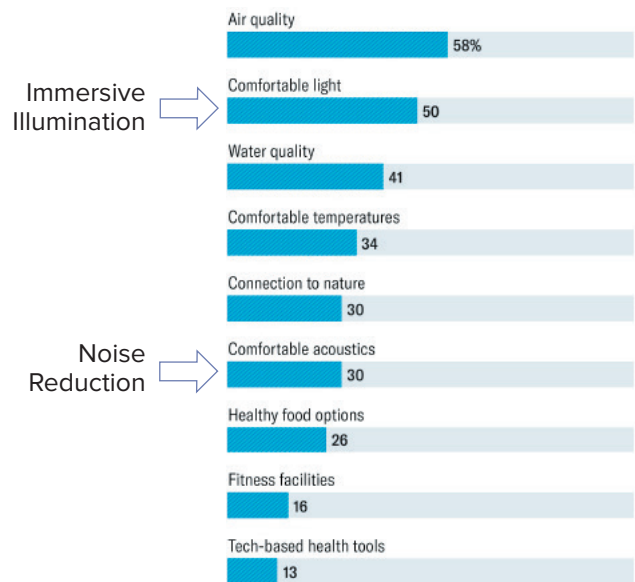
New standards for health and well-being mean that good design is no longer an option... it's a mandatory requirement.



IF YOU'RE DESIGNING SPACES FOR PEOPLE, SHOULDN'T YOU CHOOSE **COOLEGE?**

## WORKPLACE WELLNESS PERKS THAT MATTER TO EMPLOYEES

A survey of 1,600 workers reveals that air and light matter much more than tech-based health tools.



Source: Future Workplace



## DESIGN WELL..SCORE POINTS

FABRILum will help you create spaces that better meet the needs of the people using them and score points for lighting and sound categories in the emerging standards used to measure success.

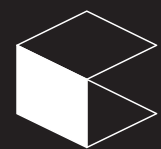
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