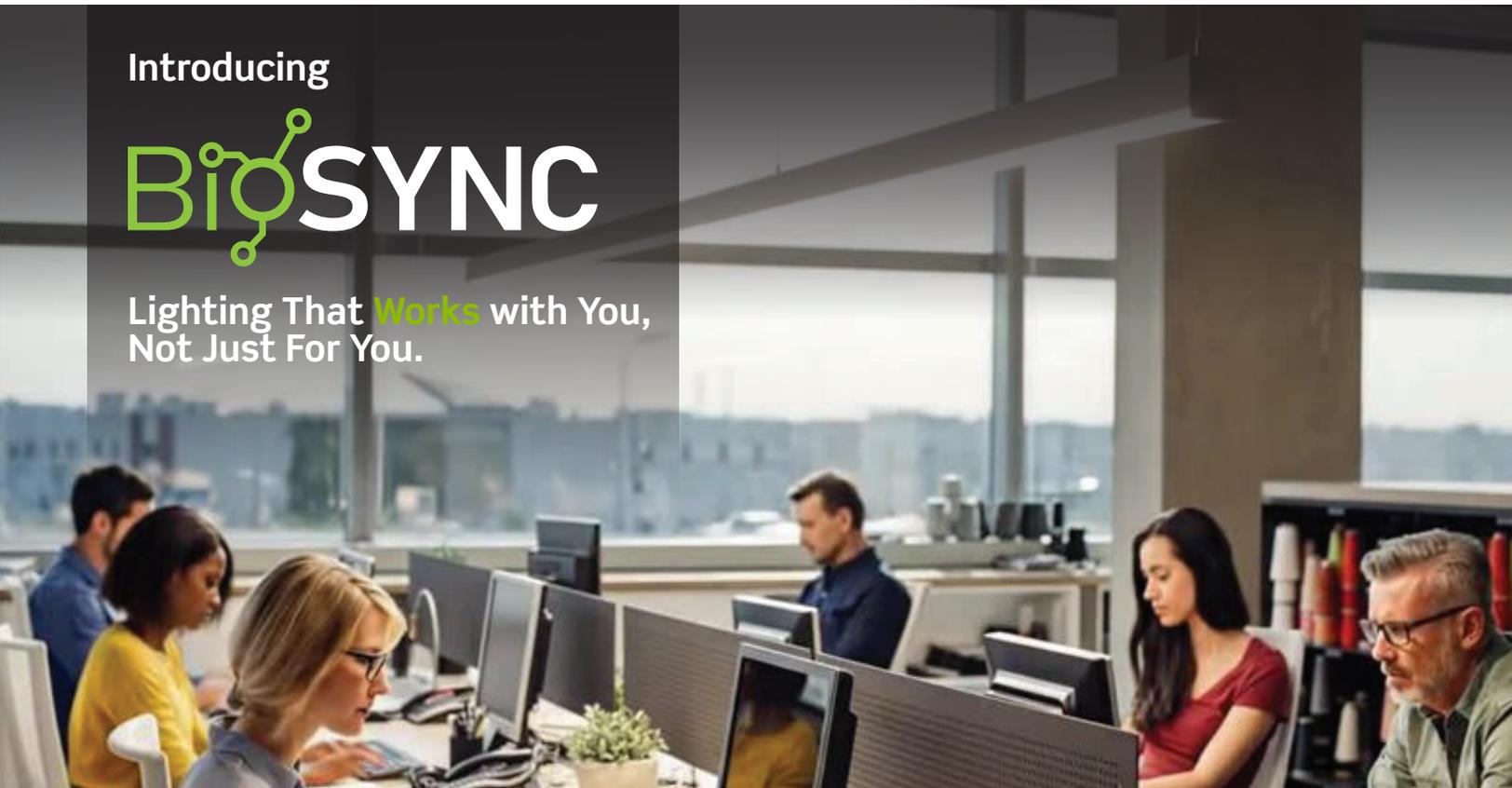


Introducing

BioSYNC

Lighting That **Works** with You,
Not Just For You.



Why BioSYNC?



LED's Tuned for Biological Impact

BioSYNC uses LEDs precisely adjusted to the 480nm wavelength to influence circadian rhythms effectively.



Static & Tunable Options

Static systems provide constant CCT and higher lumen output, while tunable systems enable adjustable CCT and MDER for customized environments.

BioSYNC is an advanced circadian lighting solution designed to align indoor environments with human biological rhythms. By leveraging LED's tuned to the 480nm wavelength, BioSYNC supports the body's natural sleepwake cycle, improving alertness and cognitive performance during the day.

Engineered for professional spaces, BioSYNC offers static and tunable options to meet diverse needs. Static systems deliver consistent color temperature and higher lumen output, while tunable systems allow adjustable CCT and MDER values for flexible lighting design.

Cyan Peak
at
480nm

MDER (Melanopic Daylight
Efficacy Ratio) Up To:
0.97 @ 5000K

CCT
Range
2700K - 5000K



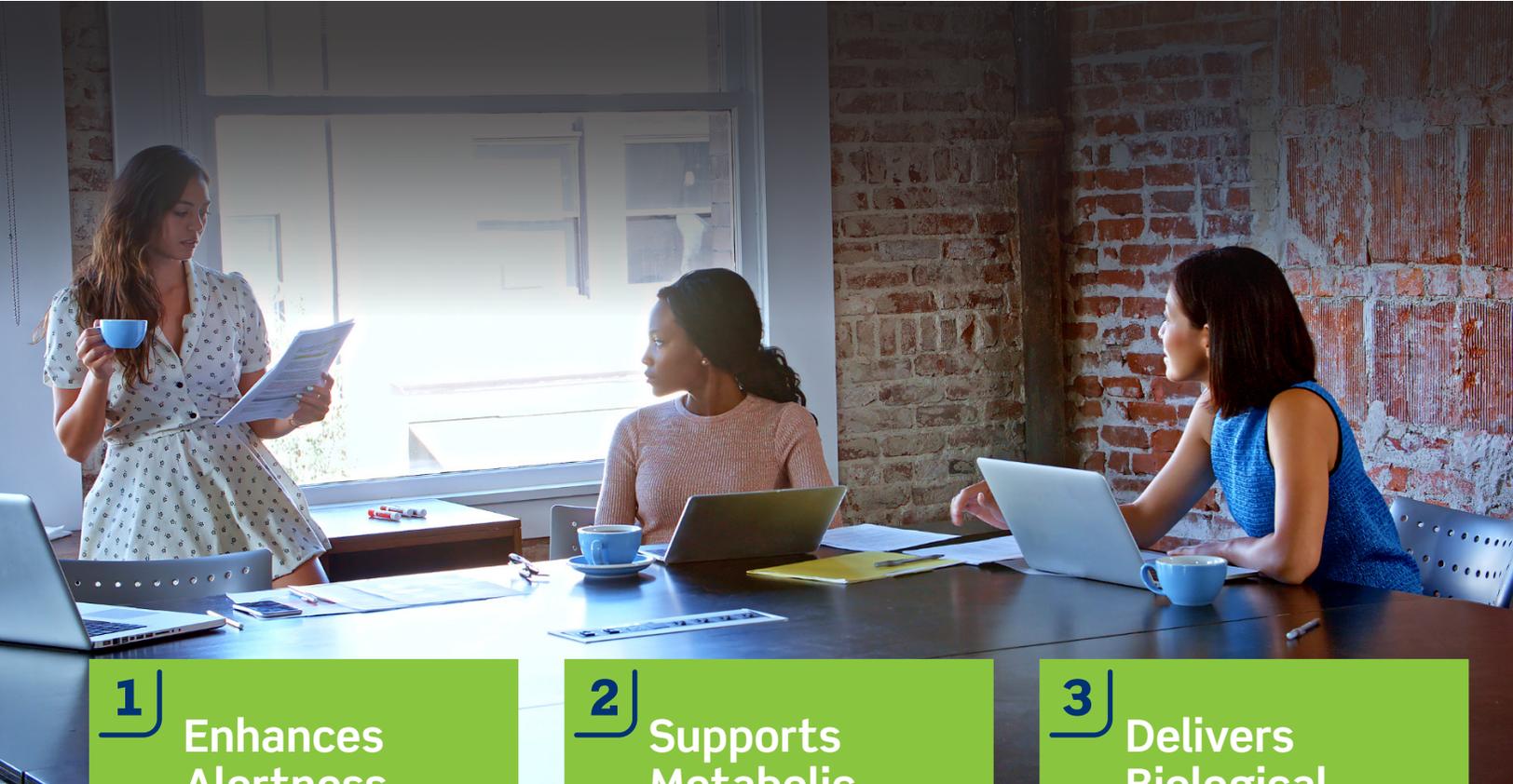
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1

Enhances
Alertness,
Mood and
Cognitive
Performance

2

Supports
Metabolic
Function and
Stress
Reduction

3

Delivers
Biological
Benefits
Without Added
Energy Costs

The Science Behind BioSYNC

Circadian lighting relies on ocular receptors sensitive to light in the 480–490nm range. BioSYNC restores this critical wavelength indoors, supporting natural biological rhythms that regulate energy levels, alertness, and sleep quality.

A Smarter Choice For Health and Productivity

BioSYNC technology represents a significant advancement in lighting design. By integrating spectral tuning and precise measurement methods such as MDER and m-EDI, BioSYNC delivers lighting solutions that improve health outcomes and boost productivity in professional environments.

Applications:

Healthcare Facilities | Educational Institutions | Public Spaces | Office Buildings



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