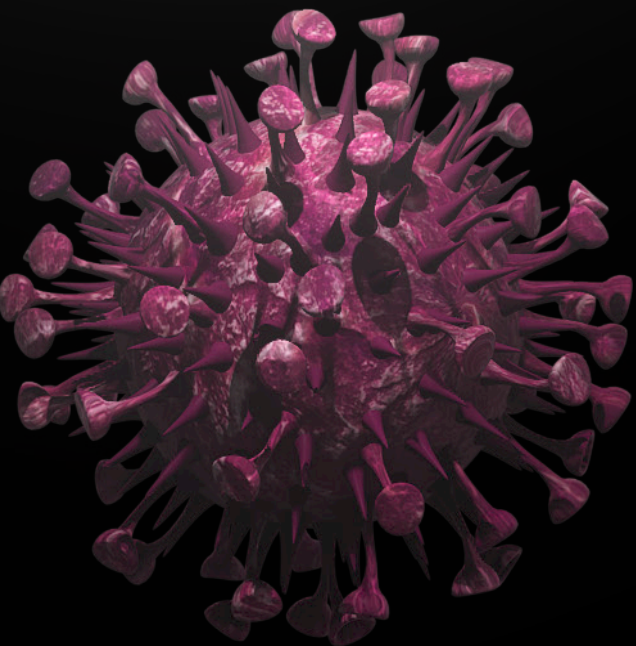


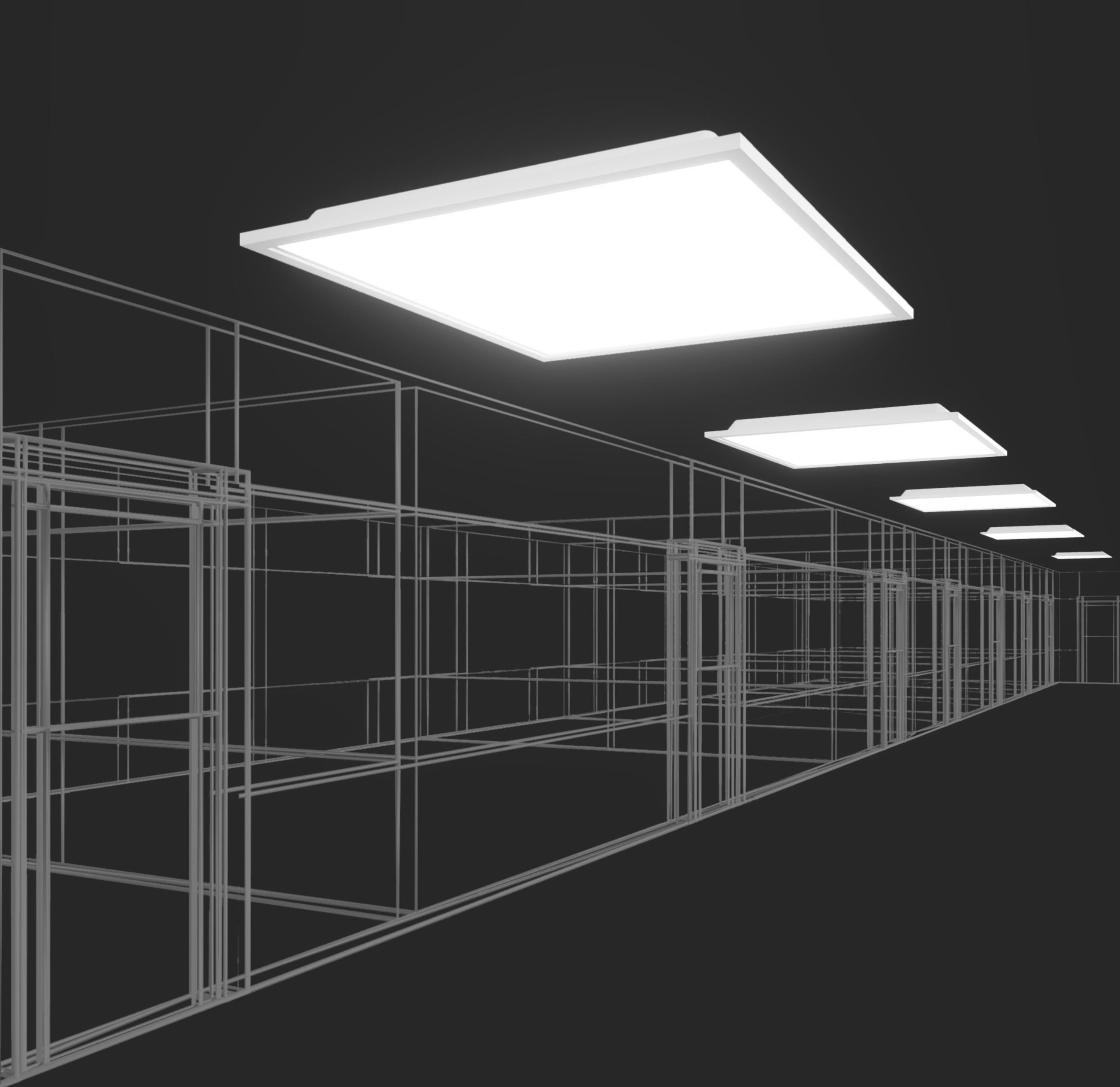
SANITIZE WITH THE POWER OF VISIBLE LIGHT



EOS' Non-UV Antimicrobial Fixtures

405nm LED lighting fixtures that sanitize while people are present





Optimized for a longer lifespan

We achieved an L70-rating of 70,000 hours compared to most UVC lamps which have an effective lifespan of approximately 9,000 hours.

750% Longer effective lifespan than UVC

Continuous Sanitization

Our fixtures offer consistent low-cost & no-effort sanitizing.

UV sanitizing lights are so harmful to humans that only especially trained staff wearing UV protective equipment like face shields, gloves, glasses and dosimeter cards can operate them— after everyone has been vacated from the area being cleansed.

Our Non-UV Antimicrobial fixtures don't require trained staff and are safe to use while people are present.

100%

continuous cleaning
with people present



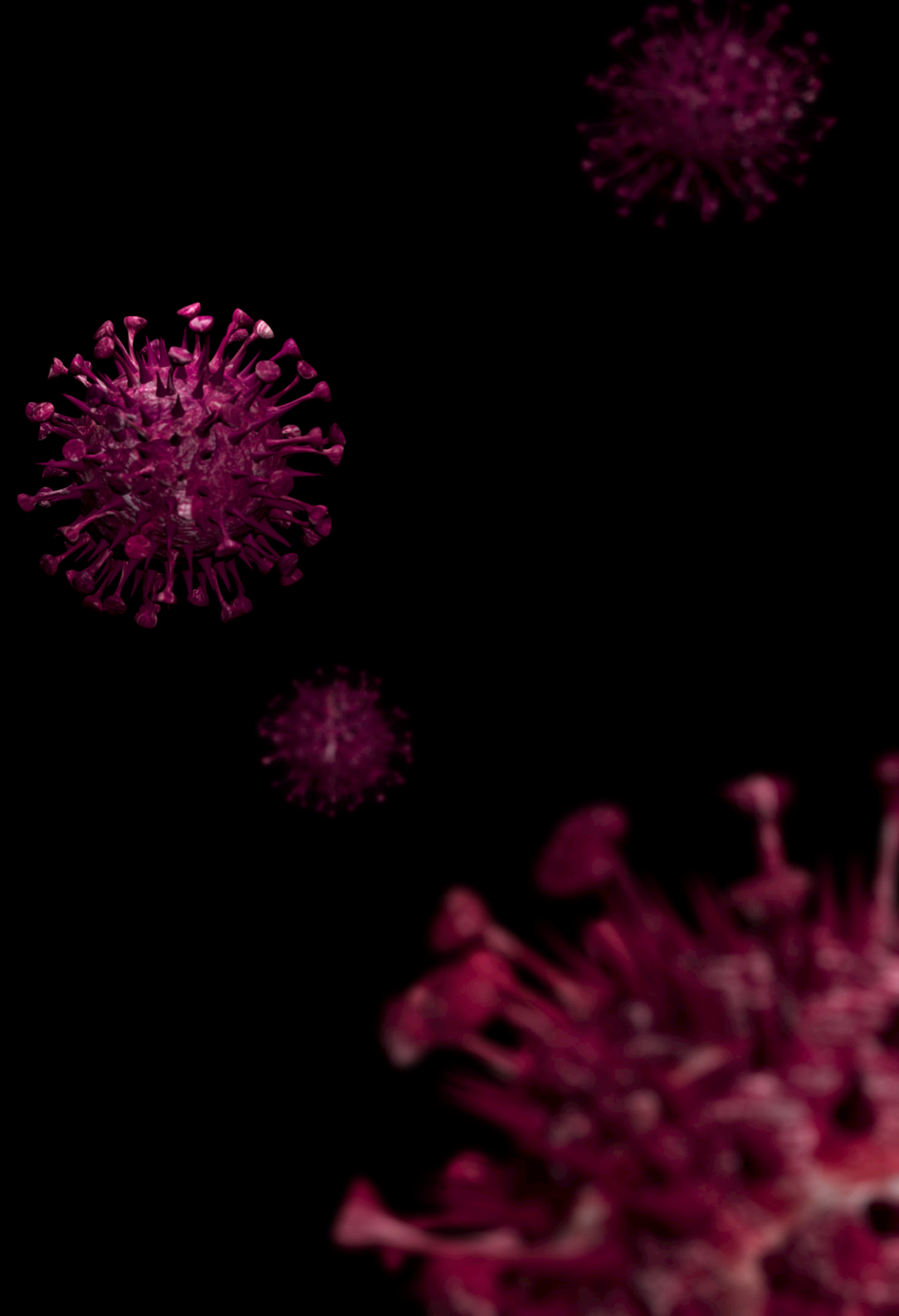
Safe for continuous use around people

Non-UV Antimicrobial Technology has been tested to the international IEC photobiological standard and meets the exempt category for continuous and unrestricted use around humans (IEC 62471)



How the technology works

The 405nm light spectrum works to excite porphyrin molecules that are exclusively found in microorganisms. This, in turn, creates excessively toxic Reactive Oxygen Species (ROS), thereby stopping reproduction and killing these microorganisms. Compared to antimicrobial wipes or ultraviolet light that may sanitize at only one given point in time, our always-on, always-there presence results in environments that are inhospitable to the growth of microbes.



405nm Technology: Already Working



DELTA



405nm Technology: Already Tested

White papers available upon request

Gram Positive Bacteria:

- Staphylococcus aureus (incl. MRSA)
- Staphylococcus epidermidis
- Staphylococcus hyicus
- Perfringens
- Clostridium difficile
- Enterococcus faecalis (inc. VRE)
- Streptococcus pyogenes
- Streptococcus thermopiles
- Lactobacillus plantarum
- Lactobacillus brevis
- Listeria monocytogenes
- Bacillus cereus
- Mycobacterium terrae

Bacterial Endospores:

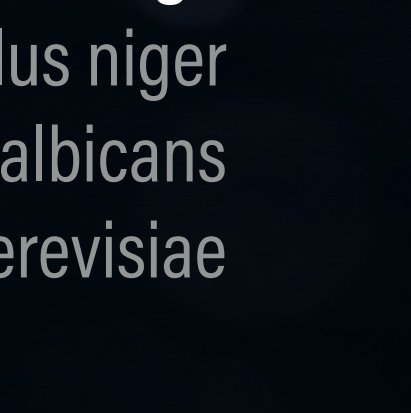
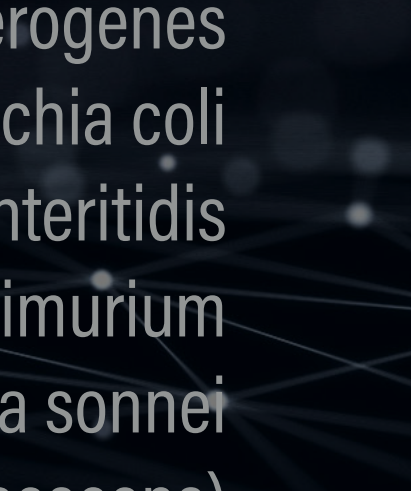
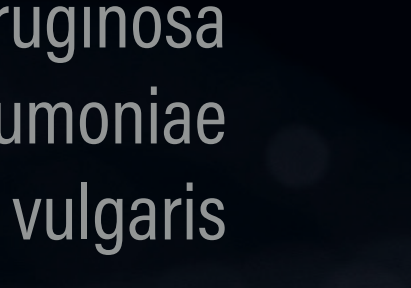
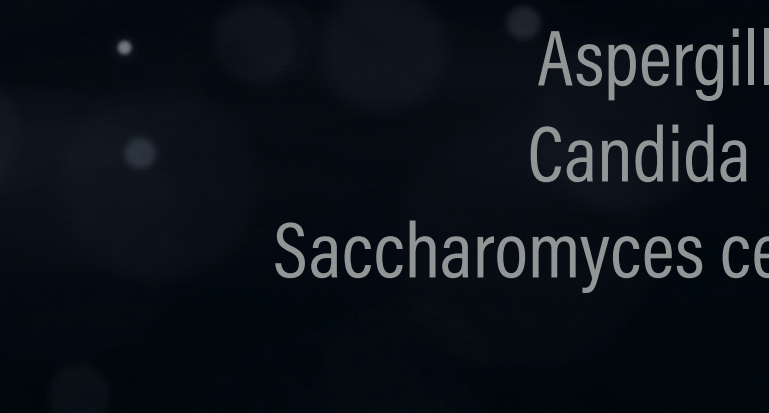
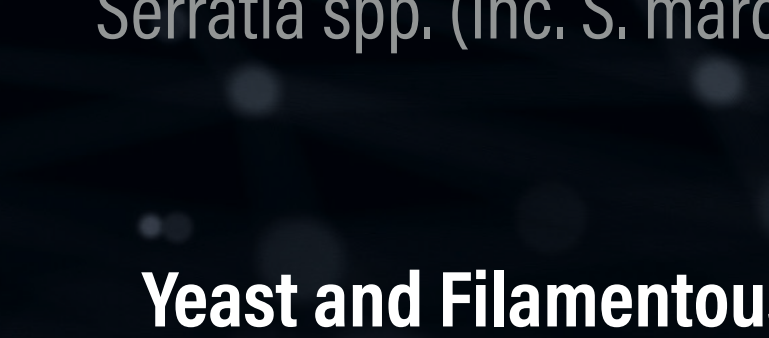
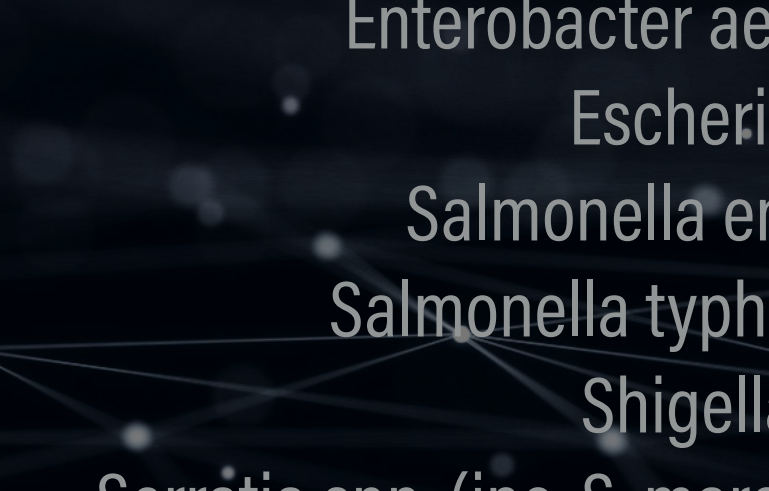
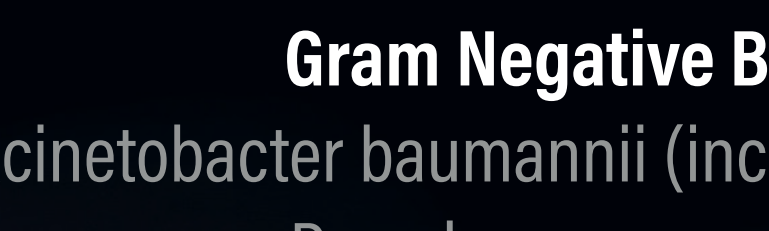
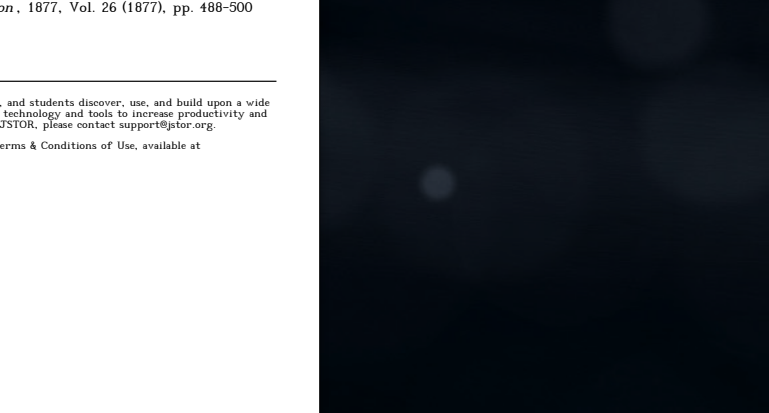
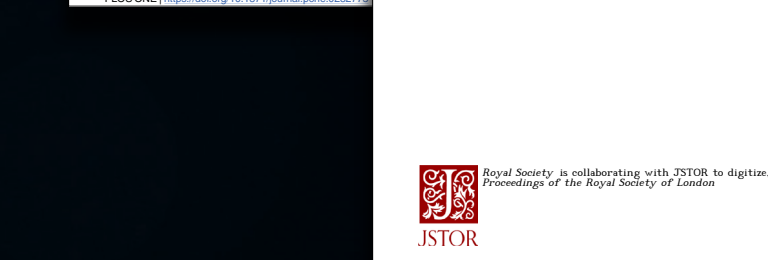
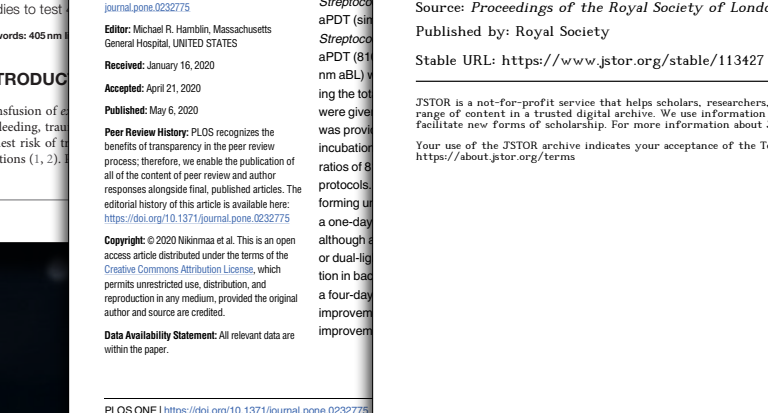
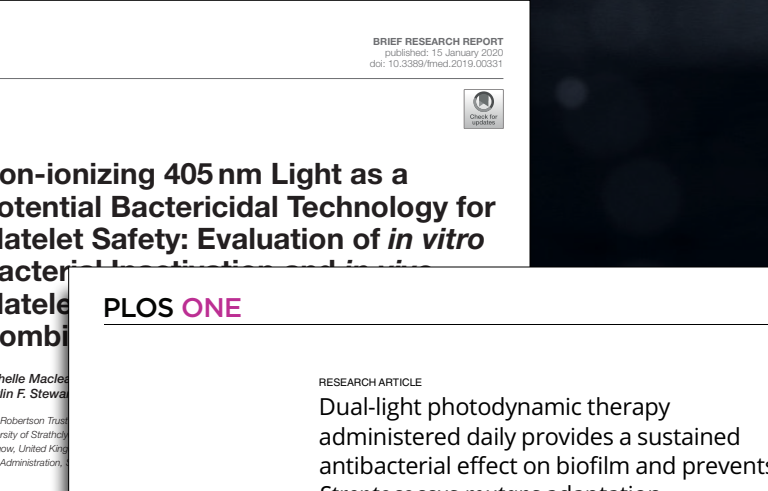
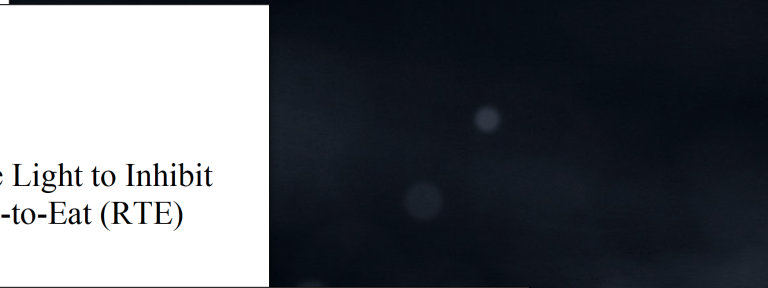
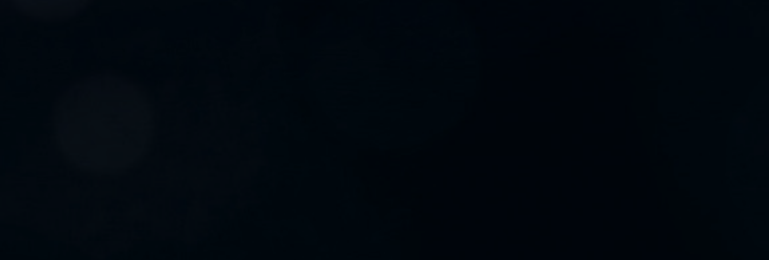
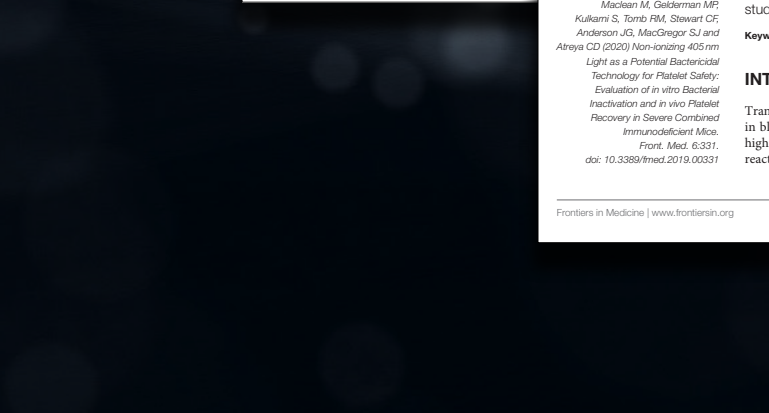
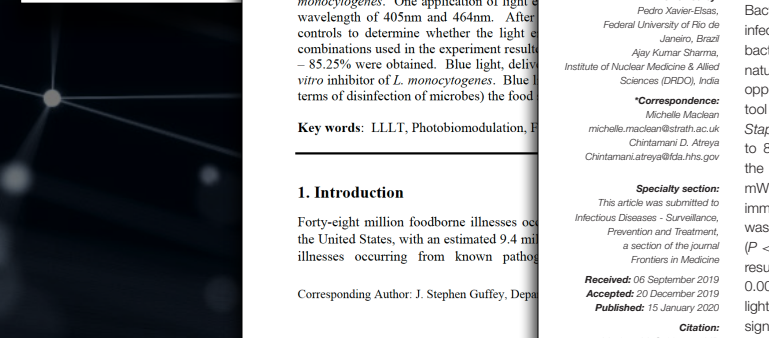
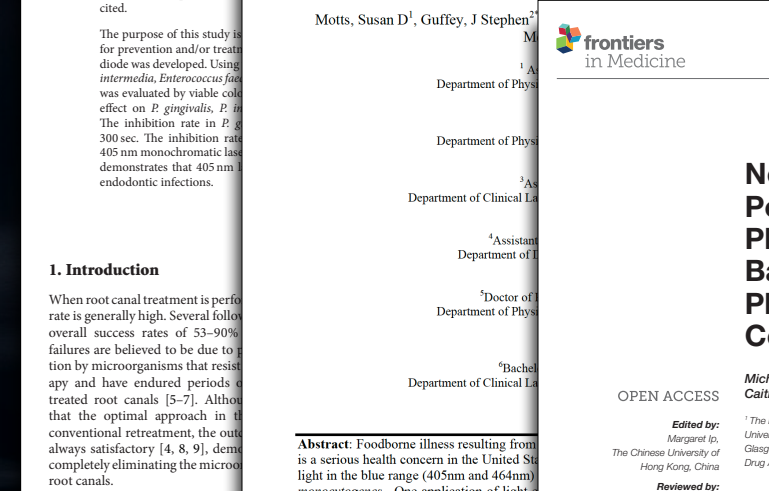
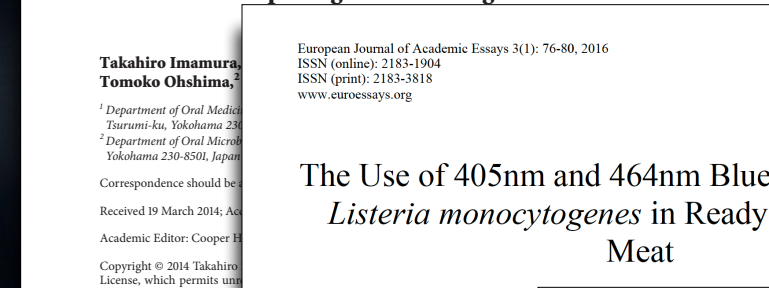
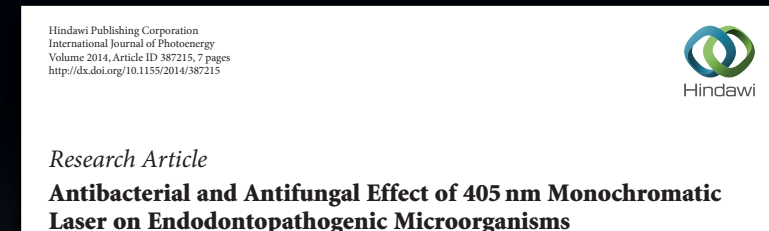
- Bacillus cereus
- Clostridium difficile

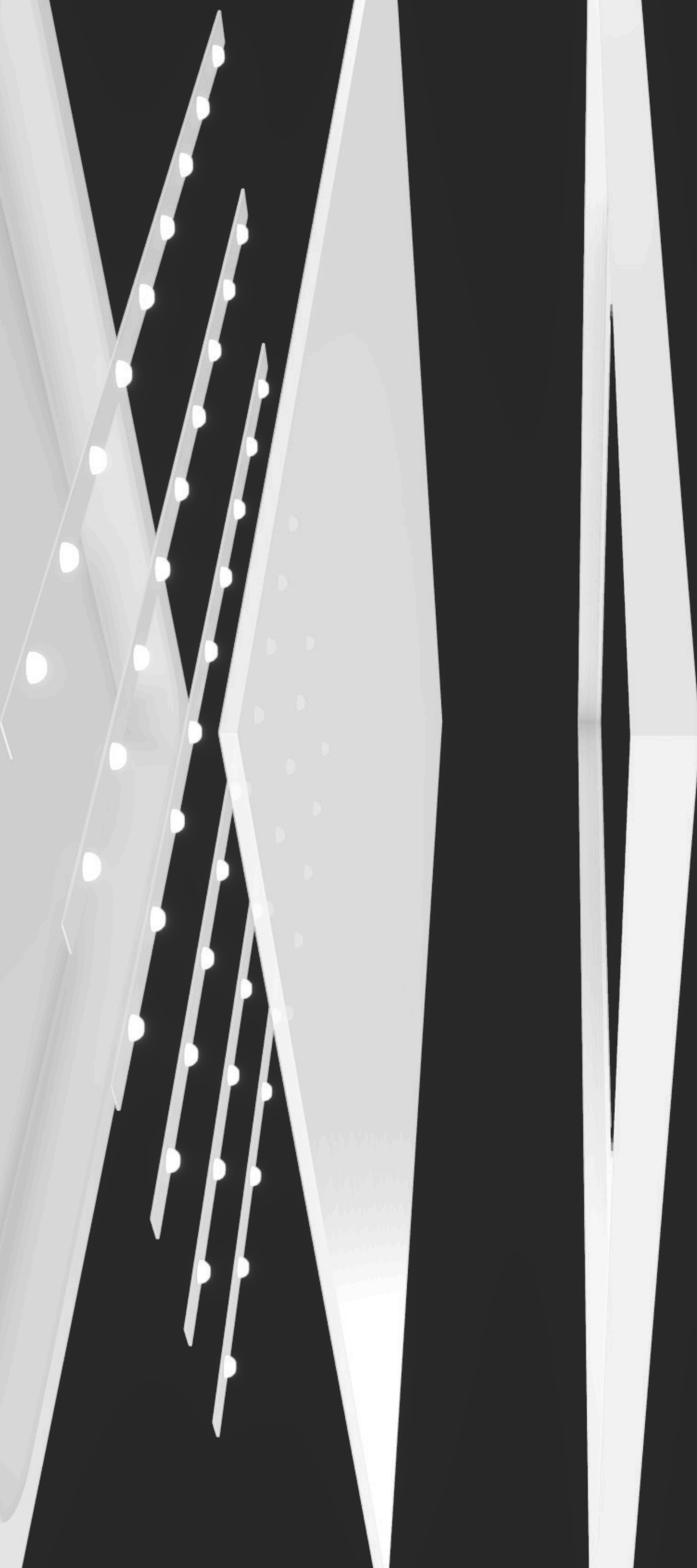
Gram Negative Bacteria:

- Acinetobacter baumannii (incl. MDRA)
- Pseudomonas aeruginosa
- Klebsiella pneumoniae
- Proteus vulgaris
- Enterobacter aerogenes
- Escherichia coli
- Salmonella enteritidis
- Salmonella typhimurium
- Shigella sonnei
- Serratia spp. (inc. S. marcescens)

Yeast and Filamentous Fungi:

- Aspergillus niger
- Candida albicans
- Saccharomyces cerevisiae



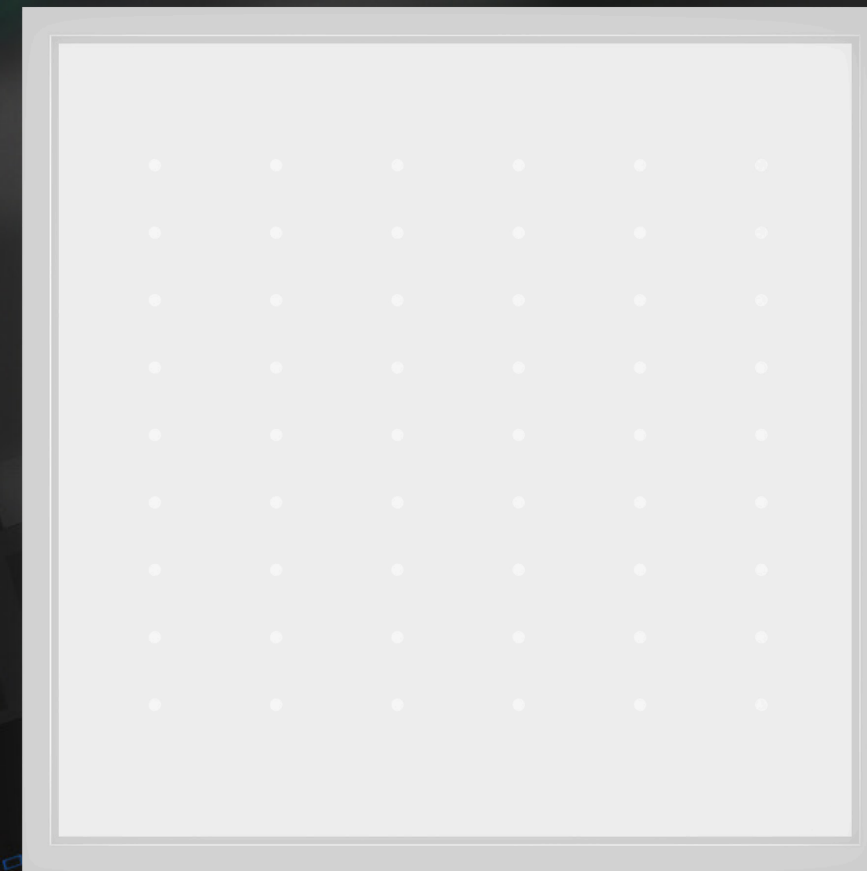


Why the 405nm spectrum is the right choice for public spaces

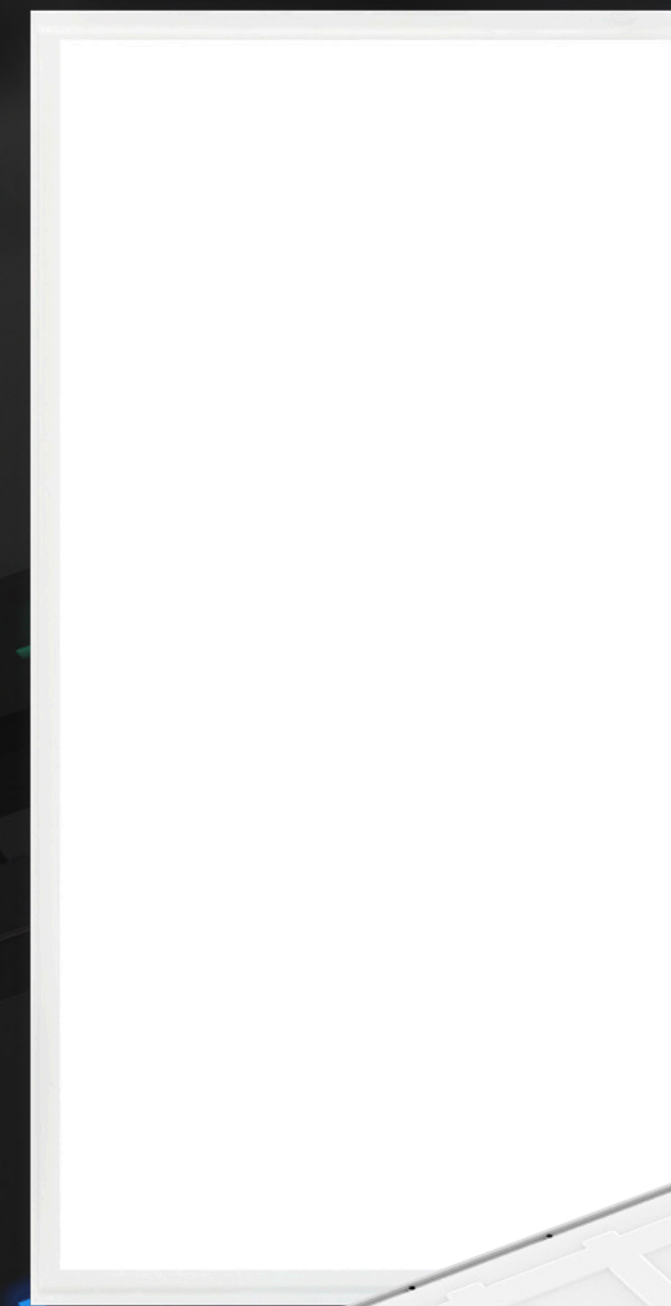
Utilizing a spectrum composed of visible light, the 405nm light spectrum works around the clock to fight off microorganisms by inhibiting their growth and ultimately destroying these microbes *while people are present*. It is ideal for high-traffic public areas where people congregate, such as airports, hospitals, hotels, gyms and schools. Independent third-party studies have shown that the 405nm light spectrum found in Non-UV Antimicrobial Fixtures achieve a reduction of more than *90% in surface contamination across these settings when used on a continual basis.

*EOS utilizes LED chips and fixtures that are third-party documented to produce the 405nm spectrum in sufficient energy and intensity (500 or more lux; 47 or more foot-candles) to match the density and intensity of 405nm light scientists (see slide 7) used to reduced surface contamination by 90%+ (when used continually).

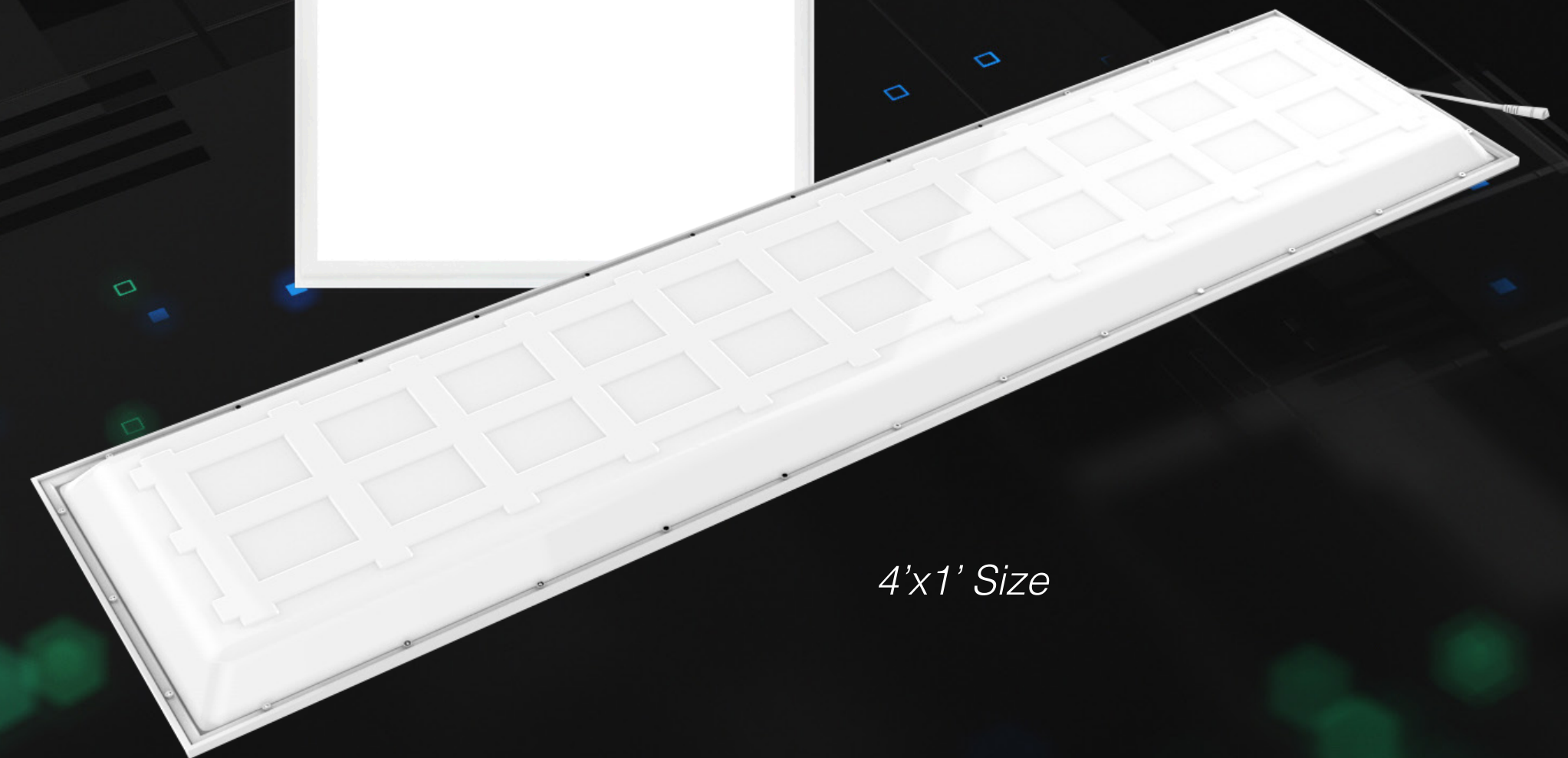
2021 Model



2'x2' Size



2'x4' Size



4'x1' Size

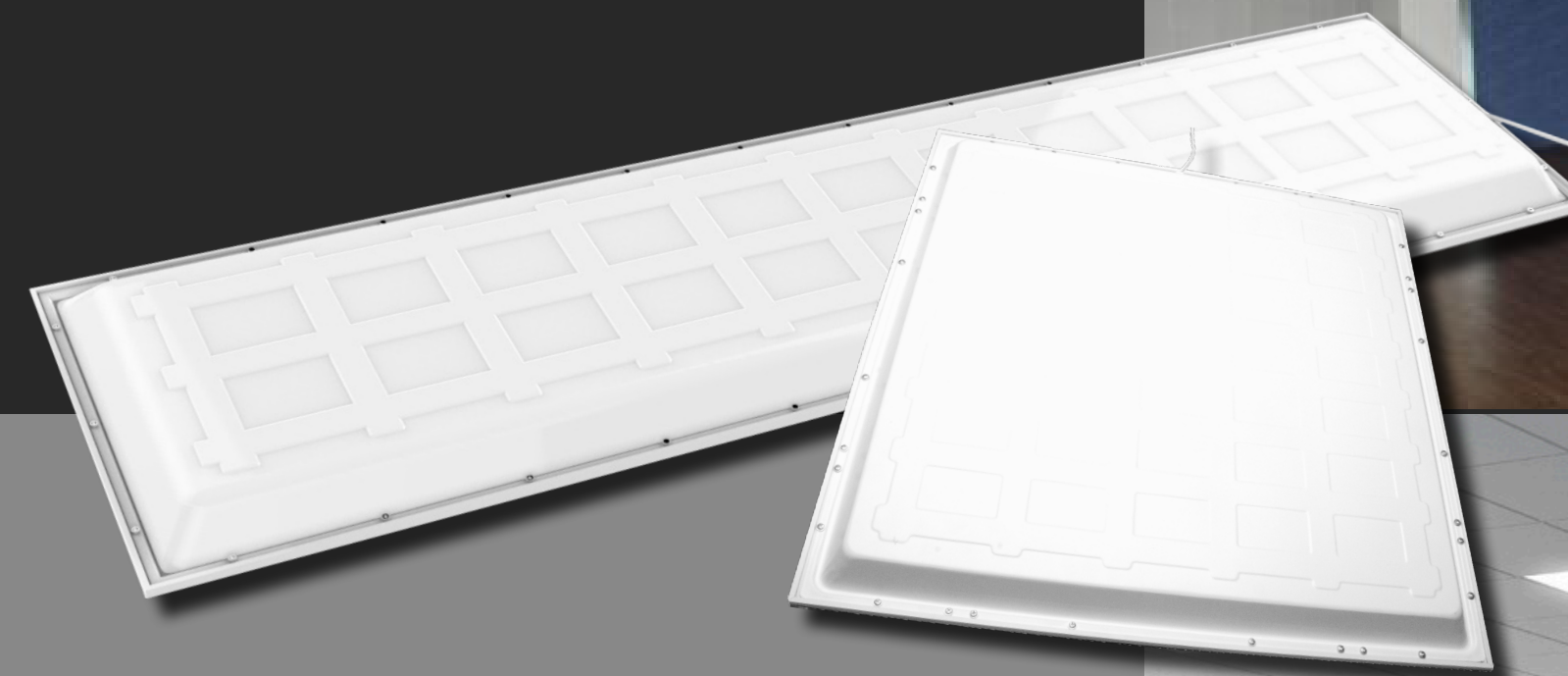
Function:	Antimicrobial Fixture
Lamp:	LED
Wattage:	75
Lumens:	5328
Lm/w:	71.04
Purity:	11.4%
CCT:	4793
Flux:	5328.0 lm
Lifespan:	70,000 Hours
Warranty:	5 Years

***comparison table data is for 2'x4' fixtures*



Phone: (877) 500-4059
Web: www.eosavings.com

Multiple fixture sizes & mounting options available



The EOS Antimicrobial line of fixtures includes but is not limited to:

- Downlights
- 1x4, 2x2 and 2x4 Backlit Flat Panels
- 2' & 4' Linear Fixtures
- Vapor Tight Fixtures
- High Bay and Low Bay Linear Fixtures

All fixtures come with a variety of mounting options, including pendant and surface mounts.

