





# PROOF POSITIVE

Two independent studies have conclusively confirmed: PURO UV Disinfection Lighting, powered by Violet Defense<sup>®</sup> technology, **inactivates up to 99.99% of live SARS-CoV-2 virus on glass, stainless steel, plastic and N95 mask material**

SURFACE MATERIAL	EXPOSURE TIME (in minutes)					
	1	3	5	10	15	30
 <b>Glass</b>	>90%	>99%	>99.9%	>99.99%	Undetectable	Undetectable
 <b>Stainless Steel</b>	>90%	>99%	>99.9%	>99.9%	Undetectable	Undetectable
 <b>Plastic</b>	<90%	>99%	>99.9%	Undetectable	Undetectable	Undetectable
 <b>N95 Mask Material*</b>	<90%	>90%	>90%	>99%	>99%	Undetectable

\*N95 (3M 9210+)

## THE RESULTS ARE IN

- Conducted in November of 2020, these tests have proven beyond doubt PURO UV Disinfection Lighting's ability to effectively eliminate 99.99% of the virus that causes COVID-19.
- Very few tests have actually been done using live SARS-CoV-2. Up to now, almost all have used a SARS-CoV-2 surrogate. We've tested PURO Lighting against the real virus.
- Surfaces tested include glass, stainless steel, plastic and 3M's N95 respirator material, all common elements found in environments requiring routine disinfection.
- Importantly, for front line workers, PURO Lighting's high-intensity light engines are able to achieve undetectable levels of SARS-CoV-2 on N95 masks after disinfection, giving wearers in a variety of environments confidence that their mask is safe to use.
- Studies conducted in the past have used bare bulbs, or light sources for the test. PURO's actual devices were tested as is — so all variables such as lensing and reflectance are accounted for.

**It's finally been proven beyond doubt: PURO UV Disinfection Lighting, with Violet Defense technology, eradicates the live SARS-CoV-2 virus up to 99.99%, making the virus undetectable on surfaces typically found wherever people gather.**

