PHILIPS

UV-C lighting

Moza's coffee chains makes visits safer for their customers

Case study

Moza's Coffee chain

UV-C disinfection solutions

Philips UV-C disinfection upper air luminaires

UV-C plays a valuable part in your protection strategy during increased sensitivity to infectious diseases, including airborne diseases. Signify systematically and regularly checks that this installation conforms with all the standards currently in force.

"I happened to read an article about a UV-C upper air disinfection solution. And then I found out more and decided to invest in Philips UV-C solution from Signify. Every time a customer visits my café chain, the staff and I also introduce the disinfection system that the shop has invested in to increase trust and satisfaction from them."

Nguyen Nhat Bang, founder and owner of the Moza's Coffee chain

Customer challenge

The COVID-19 epidemic was rampaging, and the number of customers coming to the café decreased. Moreover, employees were afraid to go to work because they were at risk of infection on the work floor. Since cafés usually have many people staying and buying things at once, it is easy to get infected via droplets or insufficient air quality in closed and air-conditioned spaces.

The right lighting

In an enclosed space, air should be disinfected. Therefore, stores in the café chain have installed ceiling mounted air disinfection luminaires. Not only that, the UV-C ceiling mounted luminaire can be used in offices, retail stores, food outlets, schools, and banks due to its ability to work quietly while business activities continue. The shop owner usually promotes the new investment in disinfection solution at coffee shop to the visitors. Then end user will feel safer when they visit and come back feeling secure and more protected.

Learn more at www.philips.com/uv-c

Optimized for false ceilings

Philips UV-C disinfection upper air ceiling mounted were installed in the café, the UV-C rays are distributed at device level and above. The beam of UV-C rays is controlled by specific reflectors and the louvre design.

A proven solution

UV-C radiation is a known disinfectant for air, surfaces, objects and water that can help mitigate the risk of acquiring an infection and has been used extensively for more than 40 years.[1]

Deactivates tested pathogens

UV-C light has been proven to effectively deactivate tested pathogens.[2]

Fast and effective

In laboratory tests, Our Philips UV-C disinfection upper air luminaires inactivated 99.99% of SARS-CoV-2, the virus responsible for the COVID-19 disease, in the air of a room within 10 minutes. At 20 minutes, the virus was below detectable levels.[3]

1. EPA Report, "Building Retrofits for Increased Protection Against Airborne Chemical and Biological Releases" Pg. 56
2. Fluence (UV Dose) Required to Achieve Incremental Log Inactivation of Bacteria, Protozoa, Viruses and Algae Revised, updated and expanded by Adel Haji Malayeri, Madjid Mohseni, Bill Cairns and James R. Bolton. With earlier contributions by Gabriel Chevrefils (2006) and Eric Caron (2006) With peer review by Benoit Barbeau, Harold Wright (1999) and Karl G. Linden
3. According to results obtained from a laboratory test conducted by Innovative Bioanalysis, a CAP, CLIA, AABB Certified Safety Reference Laboratory, in a room with sufficient air circulation

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