

《纽约市将用紫外线灯对公交地铁进行消杀》

在尚未研制出新冠病毒特效药和疫苗的情况下，世界各国只能继续采取隔离措施，并加强消毒。纽约市决定在公交地铁上试点使用紫外线消毒灯，据称这种紫外线灯已被证实可以有效杀死新冠病毒。



An autonomous mobile robot that disinfects surfaces with ultraviolet light, known as Sunburst UV Bot, is deployed at Northpoint City shopping mall amid the coronavirus disease (COVID-19) outbreak in Singapore May 20, 2020. REUTERS/Edgar Su

The agency in charge of public transit in New York City announced a pilot program using ultraviolet light lamps to kill Covid-19 on buses and trains and at stations.

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The Metropolitan Transportation Authority said Tuesday night that it will use "150 dual-headed mobile devices" from Denver-based start-up PURO Lighting to determine the efficiency and cost-effectiveness of the UVC light

technology, the agency said in a press release.

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UVC, which is one of three types of light on the UV spectrum, is proven to eliminate Covid-19 and is most potent against viruses and bacteria, PURO Lighting said. PURO noted that their lamps also have UVA and UVB as well for full spectrum disinfection.

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The first phase is set to launch on subways and buses and at transit facilities by early next week, the MTA said, and if successful will expand to Long Island Rail Road and Metro-North Railroad trains in a second phase. The two railroads serve New York City's suburbs.

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The lamps will be used during the overnight shut down on subway trains and periods where transit is out of service.

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For the first time in its 115-year history, New York City deliberately shut down its entire subway system overnight starting May 6 to clean all its cars.

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The MTA touts that UVC light is "an efficient, proven, and effective technology for eliminating viruses, including SARS-CoV-2 that causes COVID-19" and has been demonstrated to kill viruses in hospital operating rooms, urgent care clinics, universities, and fire stations. The first phase will focus on the rolling stock of cars, stations and yard areas, the MTA said, as well as occupational facilities, crew rooms and other shared areas.

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The disinfecting lighting lamps use high-intensity, full-spectrum UV lights that can be installed on a ceiling or wall, according to a press release from PURO Lighting. Photos from the MTA show the units mounted on poles in the middle of the car. The unit disinfects both surface and airborne pathogens and eliminates up to 99.9% of viruses and bacteria, according to PURO Lighting.

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