



Cosmos (PN: L3200)

3 Year warranty

Introducing Cosmos, a truly unique product that was missing from the NDT industry. A UV light specifically designed to withstand the harsh conditions of a wash station and cover with UV an area of 7 x 7 feet (2 x 2 meters) from a distance of 10 feet (3 meters) – the largest in the world!

Wash station areas are often neglected, equipped with multiple UV tubes that require frequent replacement or with UV lights that are no longer considered suitable for use on inspection booths.

Some UV lights designated for wash stations generate excessive heat causing the LEDs to have a short life. Due to the large covered area near wash stations, especially in

ally inspect if there is a problem with any UV LED and you can maintain the light on your own as ASTM E3022-18 is not applicable for wash stations. Replacement LED parts are available for you to stock and replace onsite, if needed. Cosmos can cover with UV an area of 7 X 7 feet (2 x 2 meters), with a minimum of 300 $\mu\text{W}/\text{cm}^2$, from a distance of 10 feet (3 meters). Can you say the same for any other

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aerospace, a common design mistake is to populate a UV light with as many LEDs as possible, to forcefully irradiate as much UV as possible. This causes the UV LEDs to fail faster due to excessive heat. Often, you cannot see if LEDs are out because they are hidden. Several are mounted together and unless all are out there is no suspicion of failure. As more LEDs fail, Irradiance drops, undetected. The NDT technician should control the equipment and not the equipment the NDT technician.

Cosmos is a UV light, specifically designed for wash stations, it has excellent heat management and allows you to be in control. You can visu-



light? Cosmos comes with a 3-year warranty.

Cosmos had its official launch at the 2021 ASNT in Phoenix, AZ and participants had the opportunity to examine the robustness and functionality of the light and verify the output and performance on a large 10 X 10 feet (3 x 3 meters) screen. The picture was taken from the same event.