



CASE STUDY

Little Dunes Brings Continuous Far-UVC Sanitization to Indoor Play



Visium supports a thoughtfully designed, year-round environment for children and families

OVERVIEW

Little Dunes Indoor Play Space

Little Dunes is New Hampshire's first indoor sand play space, created by Ashley and Todd Blackington as a year-round gathering place for children and families in the Seacoast community.

The climate-controlled facility gives children a place to dig, build, pour and explore through open-ended sensory play, regardless of the weather outside. Every aspect of the facility was thoughtfully selected for an indoor play environment. Little Dunes features 33 tons of silica-free, dust-free, heat-sterilized Bahamian aragonite play sand designed specifically for children's sand play.



VISION

The Challenge

For the owners of Little Dunes, maintaining a clean environment was a top priority from the beginning. Indoor play spaces bring children and families together in an active, highly shared setting. Play surfaces, toys and common areas are touched frequently, while airborne bacteria and viruses can spread as guests interact throughout the facility.

Routine cleaning would remain essential, but the Little Dunes team wanted an additional solution that could operate continuously between cleaning activities. The technology needed to work while children, families and employees were present without interrupting play, introducing additional chemicals or creating more work for staff.

OUR SOLUTION

Visium Far-UVC Fixtures

Little Dunes installed 12 Visium surface-mount Far-UVC fixtures to provide coverage across:

- ✓ The main sand play areas
- ✓ The lobby and common areas
- ✓ The private party room

The fixtures provide continuous sanitization of the air and exposed surfaces as an adjunct to the facility's routine cleaning practices.



Designed for the Future of Clean

Visium aligned with the owners' vision of creating a thoughtfully designed indoor destination where families could feel comfortable bringing their children throughout the year.

The installed system provides Little Dunes with:

- ✓ **Continuous Operation**
Sanitization continues throughout the day, including while the facility is occupied.
- ✓ **No Added Labor**
The fixtures operate automatically and can be managed through Wi-Fi or Bluetooth connectivity.
- ✓ **Silent Operation**
The fixtures operate without creating noise or disrupting play, parties or conversations.
- ✓ **Chemical-Free Operation**
Visium does not introduce additional disinfecting chemicals into the play environment.
- ✓ **Microbial Inactivation**
Far-UVC rapidly inactivates bacteria and viruses in the air and on surfaces, supporting enhanced environmental control.
- ✓ **Inconspicuous Design**
The fixtures blend into the ceiling plan and emit almost no visible light, minimizing distraction.
- ✓ **Support for Routine Cleaning**
Far-UVC adds another layer of environmental control between regular cleaning activities.



A Next-Generation Approach to Indoor Play

By incorporating Visium into the facility from the beginning, Little Dunes made continuous environmental control part of its overall customer experience rather than an operational afterthought.

The system complements the facility's routine cleaning program while operating silently and automatically throughout the day. Because the fixtures are permanently

installed and inconspicuous, there is no equipment to move, no additional processes and no interruption to play sessions or private events.

This proactive approach supports Little Dunes' commitment to providing families with a clean, comfortable and thoughtfully maintained place to gather, play and connect.



Effortless, convenient sanitization

With silent operation and less than one lumen of visible light, Visium works discreetly in the background without adding noise or visual distraction.



"Keeping Little Dunes clean is our number one priority. As parents ourselves, we understand how important it is for families to feel good about where their children play. We were intentional about every detail, from choosing silica-free, dust-free, heat-sterilized play sand to installing Visium throughout the facility. The system works continuously in the background, adding another layer to the daily cleaning and care we put into the space."

Ashley Blackington
Co-owner, Little Dunes

Conclusion

Working silently and automatically alongside routine cleaning, Visium provides ongoing air and surface sanitization without adding chemicals, labor or disruption to the guest experience.

For spaces where children and families gather, this additional layer helps maintain high standards of environmental control throughout the day. The future of clean is continuous.

Contact & Next Steps

Ready to learn how Visium can transform your spaces?
Find information about Visium Far-UVC technology at [Visium.one](https://visium.one).