

LINEAR LIGHTING EDITION

NEW PRODUCTS

Page 20

INVICTUS LAW

Taking Ownership of Lighting Design

OLD DOMINION UNIVERSITY

Chemistry Building Lighting

[From factory to finish]

Top 10

**Solutions for Silent
Ceiling Design**

Our Best

Budget Friendly Linear

THE RESOURCE



MICHAEL & KIMTHANH LÊ

DIGITAL THEATER & PLANETARIUM

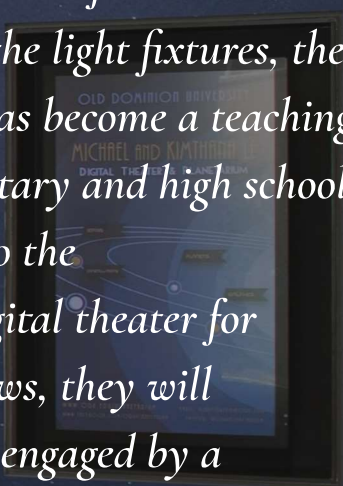


OLD DOMINION UNIVERSITY

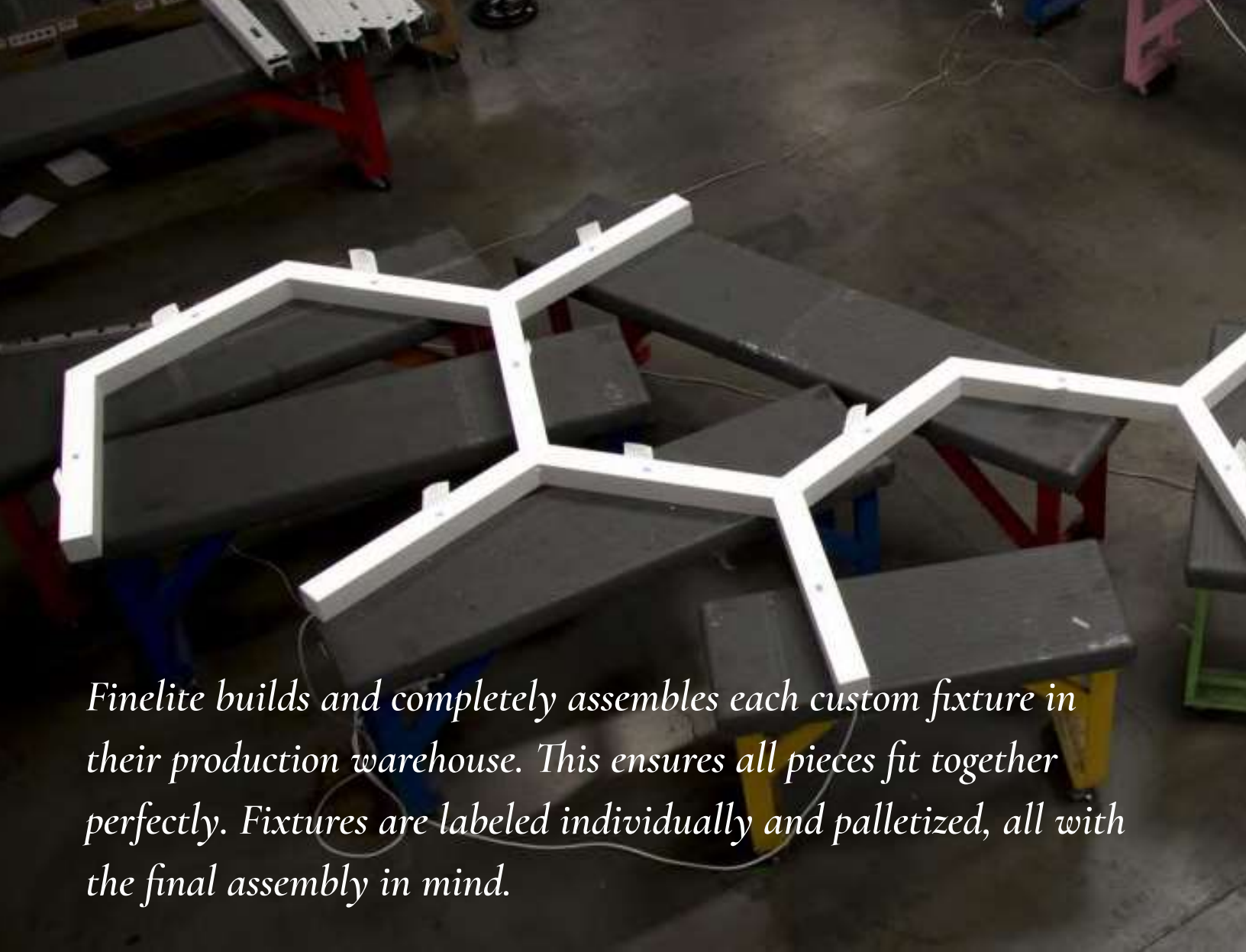


"From the earliest visioning sessions, the words "science on display" were often repeated and embraced by the full design team. The designers looked to incorporate chemistry into the very fabric of the building, making science accessible and "cool."

From the first discussion of using the emission spectrum of a chemical element to create the vertical brick patterning on the exterior of the planetarium, though to the use of structural formulas of chemical compounds for the light fixtures, the building itself has become a teaching tool. As elementary and high school students come to the planetarium/digital theater for educational shows, they will immediately be engaged by a building encouraging interaction with science and student success at all levels."



Jean Kennedy Sleeman, AIA
LEED AP
University Architect



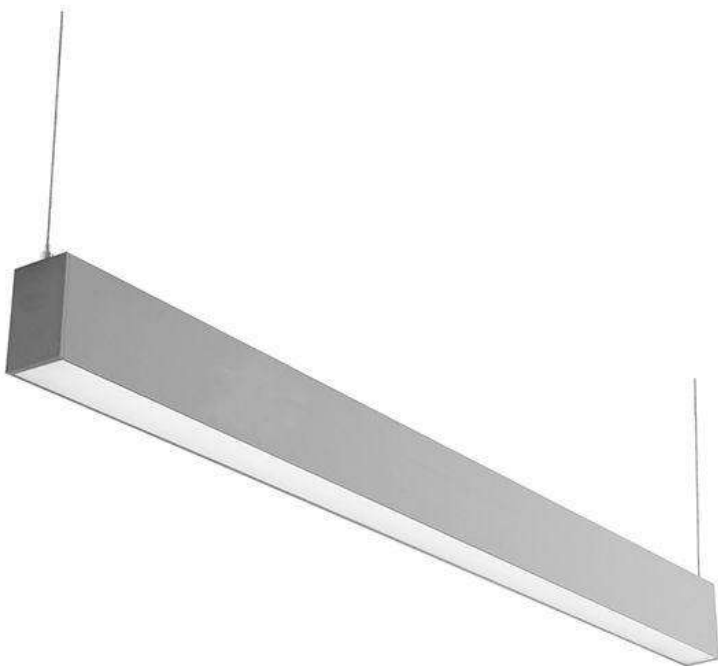
Finelite builds and completely assembles each custom fixture in their production warehouse. This ensures all pieces fit together perfectly. Fixtures are labeled individually and palletized, all with the final assembly in mind.

Old Dominion University selected the architectural team Smith Group JJR and Moseley Architects to conceptualize and deliver the lighting design. Finelite was chosen for their experience in producing complex linear forms with flawless detail.

The modular shaped fixtures are built using Finelite's HP-2 Series. The HP-2 Collection delivers a 2" line of light with uniform illumination, a clean aesthetic using an advanced optical design, and mid-power LEDs, achieving 90% of initial light output at 100,000+ hours. This collection features a powder-coated aluminum extrusion that allows for fully-illuminated corners and seamless, continuous runs.

FINELITE

featured at ODU



Finelite HP-2 Series

Download IES, Revit and
TechSheets Online



OLD DOMINION UNIVERSITY
Chemistry Building



ODU Finelite Resource Branded

Watch later Share



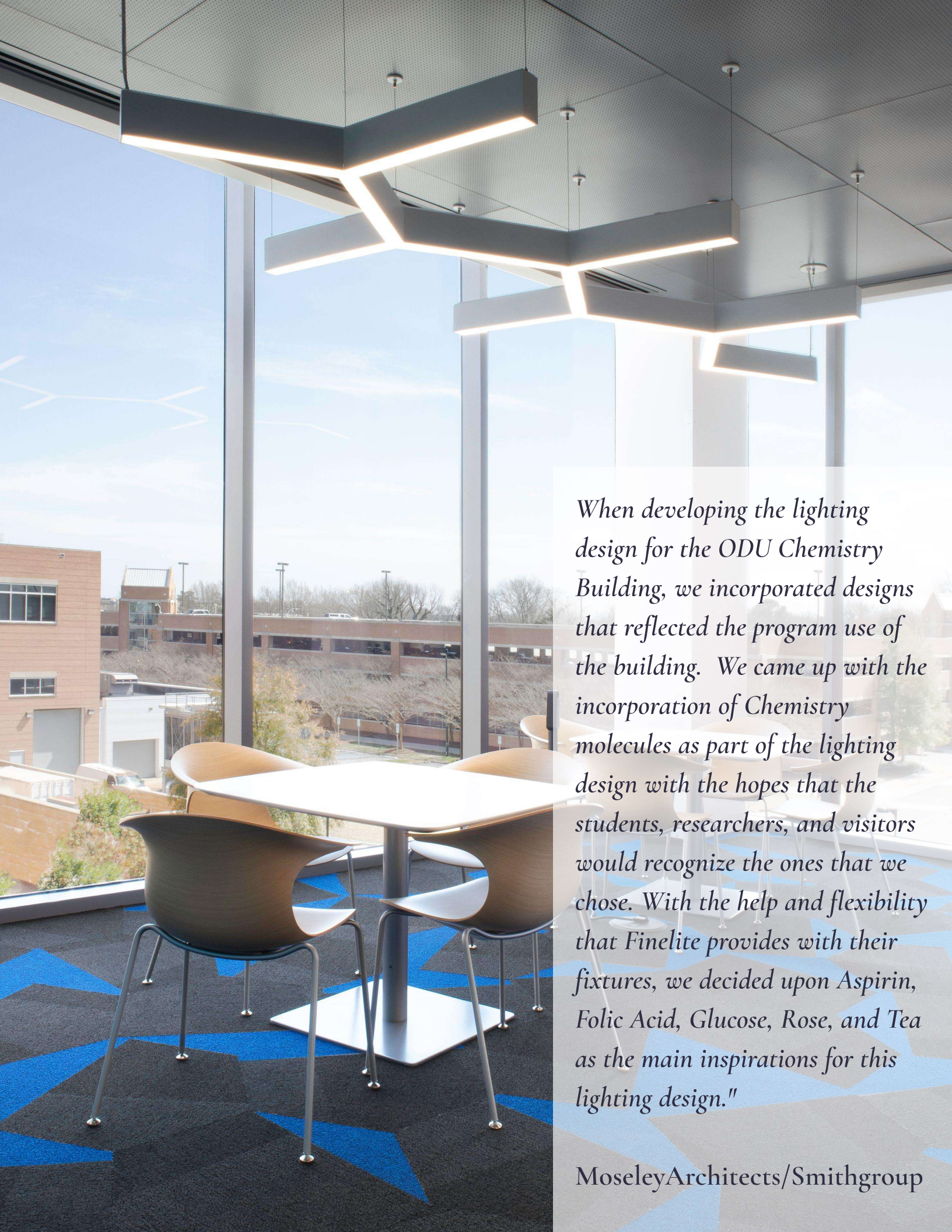
RESOURCE

LIGHTING + CONTROLS

MICHAEL & KIMTHANH LÊ
DIGITAL THEATER & PLANETARIUM

www.ResourceLTG.com





When developing the lighting design for the ODU Chemistry Building, we incorporated designs that reflected the program use of the building. We came up with the incorporation of Chemistry molecules as part of the lighting design with the hopes that the students, researchers, and visitors would recognize the ones that we chose. With the help and flexibility that Finelite provides with their fixtures, we decided upon Aspirin, Folic Acid, Glucose, Rose, and Tea as the main inspirations for this lighting design."

MoseleyArchitects/Smithgroup



OLD DOMINION

Under Construction

What makes Finelite a contractor's and specifier's top choice for custom fixtures like ODU's Chemistry department?

Understanding contractor's pain points and what it takes to get your job completed successfully allows Finelite to design contractor friendly solutions. Here's how Finelite does it...

Custom Fixtures Tested as a Complete System

Before shipping your order, all orders are mechanically pre-assembled and electrically tested no matter the size, eliminating any preventable field issues.

Unique ID Labels

Every luminaire, dating back to 1991, features its own Unique ID label. This labeling method allows us to follow every fixture from start to finish. This ensures easy resolutions if a field problem arises.

Logical Logistics

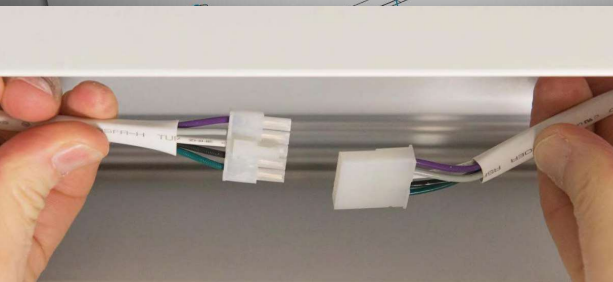
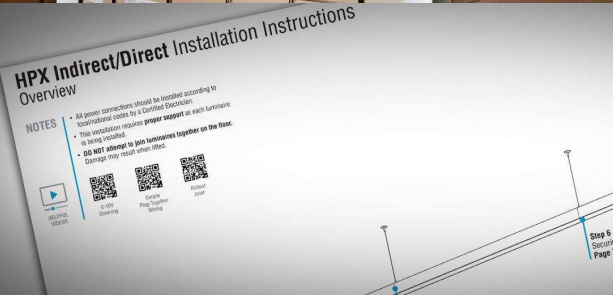
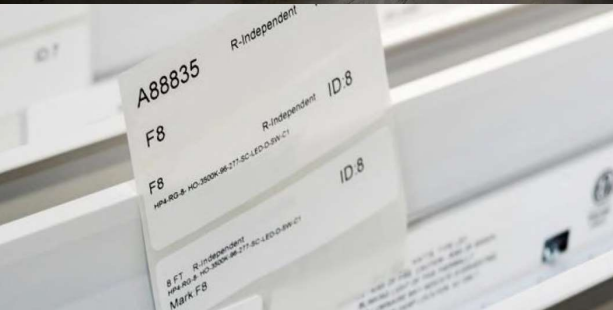
Finelite maps out ID numbers on your plans and palletize them by phase, wing, or floor. Packed on pallets in sequence from top-to-bottom, all you have to do is sort the pallets on-site, then grab and go.

Detailed Instructions

Easy-to-identify instruction sheets and a copy of the record drawings come with every order. You can also find online instructions readily available on any of our product pages.

Install by Number

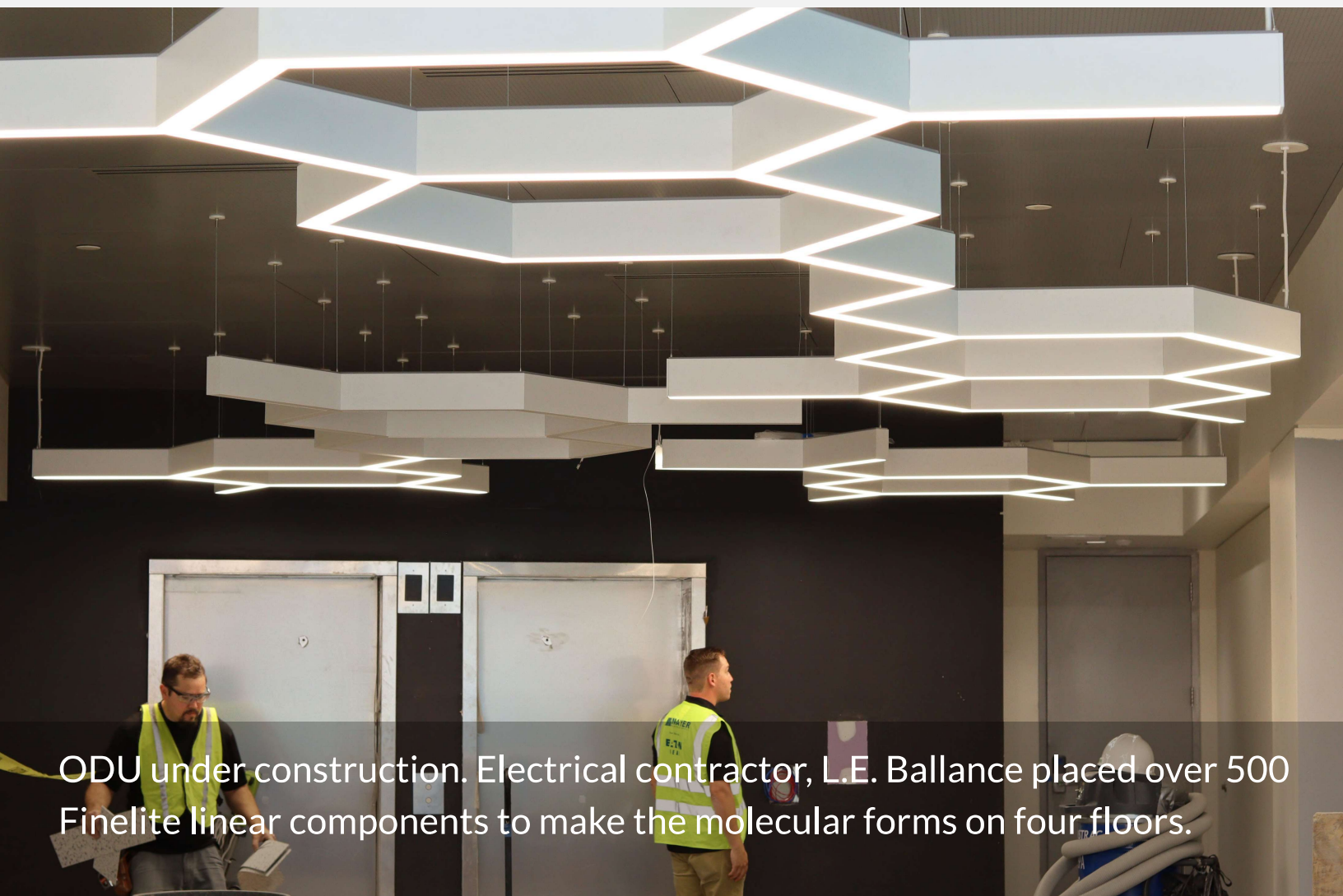
Using the provided detailed Record Drawing the fixtures install in sequence complete with pre-wire electrical plug together connectors.





"A fun fact is that there are over 500 pieces of Finelite linear product on the four different elevations used in the molecule shaped lights. There was a lot of coordination from all trades. During the process L.E. Ballance was able to etch the lighting layout on the floor. Each all-thread in the ceiling was done by drilling a small hole in the floor to ensure a precise layout. The shape was then popped on the floor. These precautions were done to make sure we had a smooth workflow throughout all the MEP trades."

-Harry Register, Lead Superintendent for W.M Jordan



ODU under construction. Electrical contractor, L.E. Ballance placed over 500 Finelite linear components to make the molecular forms on four floors.

Equally impressive to the custom fixtures on each floor of the ODU building are the controls that manage all lighting throughout the building. The interior is showered with natural light from large windows throughout. Acuity Brands nLight controls integrates daylighting controls inside fixtures to dim lights when natural light is sufficient to light the space. nLight controls are also integrated into the building BMS system, allowing for the HVAC to regulate climate control based on sensing occupancy in a space. These controls integrations help reduce energy usage and increase occupancy comfort.

Acuity Controls at ODU

The ODU chemistry building embodies the future of design with its controls package meeting the demand for eco-friendly, energy efficient spaces. Since nlight controls are built into many Acuity Brands fixtures, it's an easy and cost-effective solution for both wired and wireless applications. Integrated controls can be as simple as specifying a nLight wall switch for a single room or as comprehensive as remote connectivity, time-based management, integration with building management, integration with demand response, and more.



"Ballance Electrical did a fantastic job on the installation of our fixtures at ODU.

Everyone at Finelite was extremely impressed with their workmanship and how smoothly the project went from the start to finish."

Chadwick Coyne
Area Vice President
Finelite

L.E. Ballance
ELECTRICAL SERVICE, INC.

Chesapeake, Virginia
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