

## **REDUCE AND SAVE**

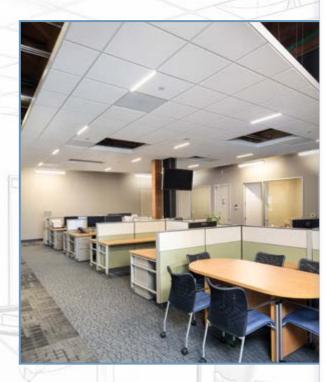
The installation is a snap and requires minimal to no tools or field cutting of tiles. Third party studies have found that the cost of building materials and labor are reduced by nearly 50% when using the T-BAR LED in comparison to other lighting.

#### Project:

#### McMillan Electric Co. Office

- San Francisco, CA

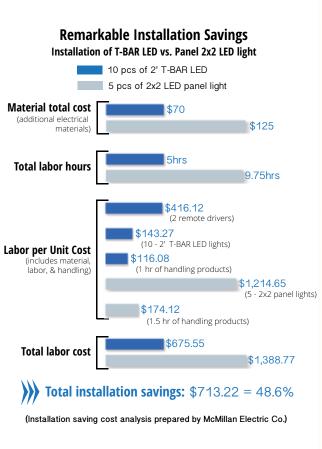
Specifier: McMillan Electric Co.
Application: Headquarters office space
Total square footage: 1,514.59 sq ft
Average foot candle achieved: 25 FC at desk



Quantity of products:

**20 pcs - TBSL-MW-2-24-D-A-W** T-BAR LED 2' Diffusing Lens 15/16" (3,500K)

**12 pcs - TBSL-MW-2-24-B-A-W** T-BAR LED 2' Block Diffusing Lens 15/16" (3,500K)



Armstrong® Ceilings Prelude® XL® 15/16" 'easy to handle and install'

"Our goal in the design phase of our new office was to showcase lighting that was unique, modern and would stay current. We saw the T-BAR LED demo pack and our search was over. The fixtures arrived on time to meet schedule. The T-BAR LEDs were easy to handle and install. The quality and performance exceeds expectations."

- David Auch, Vice President of McMillan Electric Co.

Educational

#### Project:

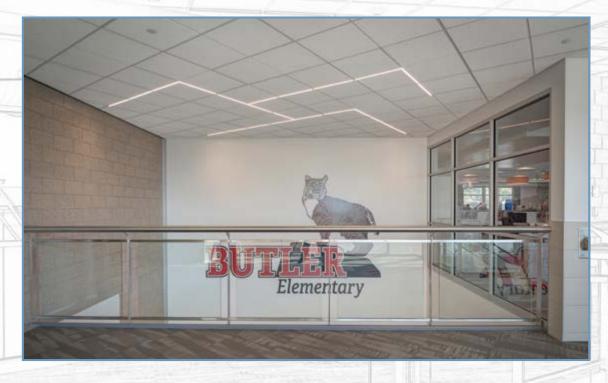
## **Butler Elementary School**

- Cottonwood Heights, UT

Specifier: Envision Engineering Application: Corridors

Total square footage: 9,152 sq ft

Average foot candle achieved: 15 FC at floor



Quantity of products:

**311 pcs - TBSL-MW-2-24-D-U-W** T-BAR LED 2' Diffusing Lens 15/16" (3,500K)

**34 pcs - TBSL-MW-4-24-D-U-W** T-BAR LED 4' Diffusing Lens 15/16" (3,500K) 50 pcs - TBSL-MW-4L-24-D-U-W

T-BAR LED 4L Model Diffusing Lens 15/16" (3,500K)



"The theme of this School was Mountains and Valleys. The Architect wanted to portray the theme into the main corridors of the building. The T-BAR LED lighting system was used to create the mountains and valleys in the corridor ceilings using a rotated ceiling grid layout. The lighting system did a great job illuminating the corridors and stairwells without cluttering the ceiling and creating the 'Mountain and Valley' look."

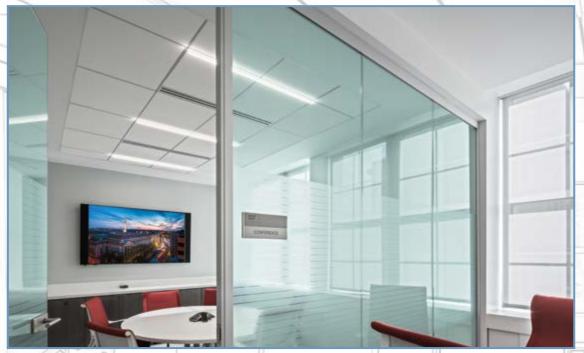
– Scott Kingery, Project Manager at Envision Engineering

#### *Project:*

#### **American National Red Cross**

- Washington, D.C.

Specifier: HOK / LOOP Lighting
Application: National Headquarters
Total square footage: 30,000 sq ft
Average foot candle achieved: 41 FC at desk



Armstrong® Ceilings Optima® Panels 3257 9/16"

Quantity of products:

676 pcs - TBSL-MW-4-15-B-A-W

T-BAR LED 4' Block Diffusing Lens 9/16" (3,500K)

3 pcs - TBSL-MW-2-15-B-A-W

T-BAR LED 2' Block Diffusing Lens 9/16" (3,500K)

# "elegant and transparent"



"We selected the T-BAR LED lighting system for its elegant, transparent, innovative design, which mirrored HOK's renovation goals for the historic American Red Cross National Headquarters. The translucent quality of the T-BAR LED light fixtures provided the perfect visual connection between the perimeter windows of the open office and the glass walls of the private meeting rooms. The client and contractor appreciated the efficiency and ease of installation."

– Alina Ainza, LOOP Lighting



## **Worthington Industries**

- Columbus, OH

Specifier: BHDP Architecture
Application: Conference rooms

Total square footage: 1,516 sq ft

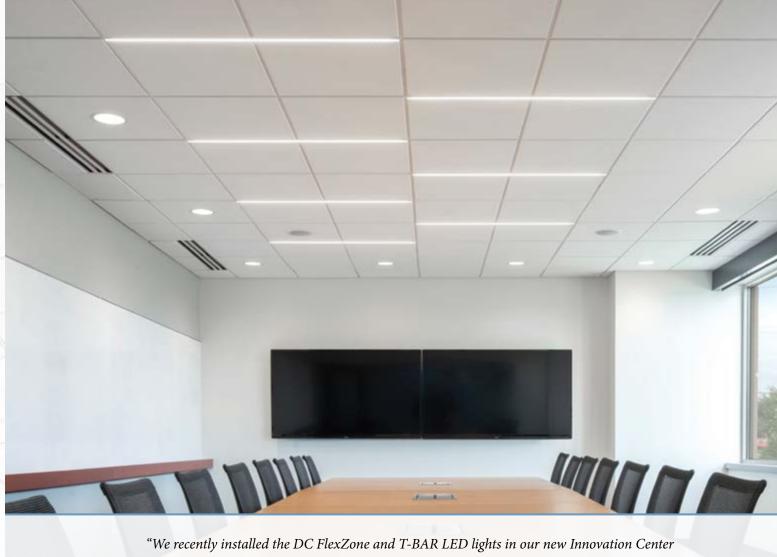
Average foot candle achieved: 40 FC at desk



Quantity of products:

**31 pcs - TBSL-MW-4-15-D-A-W** T-BAR LED 4' Diffusing Lens 9/16" (3,500K) Armstrong® Ceilings DC FlexZone™ 9/16"





"We recently installed the DC FlexZone and T-BAR LED lights in our new Innovation Center as we were looking to utilize innovative products that provide flexibility, energy savings and inspire people to change the status quo."

- Michael Luh, Vice President of Innovation for Worthington Industries

"inspire people to change"



## NO PLENUM OCCUPANCY

The minimalistic low profile lighting leaves the space above the ceiling completely unoccupied and facilitates the coordination of placing other ceiling utilities.



#### **AWeber Communications**

- Chalfont, PA

Specifier: Wulff Architects Inc.
Application: Recreation room
Total square footage: 1,626 sq ft
Average foot candle achieved: 28 FC at desk



Armstrong® Ceilings Suprafine® XL® 9/16"

Quantity of products:

**50 pcs - TBSL-HN-2-15-D-U-W** T-BAR LED 2' Diffusing Lens 9/16" (4,500K)

**9 pcs - TBSL-HN-4-15-D-U-W** T-BAR LED 4' Diffusing Lens 9/16" (4,500K)



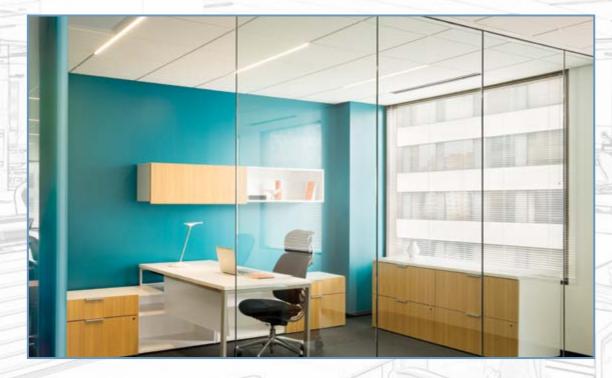
"With less than three inches above the suspended ceiling system, the T-BAR LED was the perfect fit due to its minimum plenum occupancy that directly integrates into the ceiling grid."

"minimum plenum occupancy"

# **Crystal City Design Lab**

- Arlington, VA

Specifier: RTKL
Application: Office space
Total square footage: 2,400 sq ft
Average foot candle achieved: 32.50 FC at desk



Quantity of products:

**30 pcs - TBSL-MW-4-15-D-U-W** T-BAR LED 4' Diffusing Lens 9/16" (3,500K) "placement flexibility"

"The ability to minimize plenum depth and maximize ceiling height, the benefit of placement flexibility with wide spacing along with its integration into the ceiling grid and clean minimal design aesthetic, are the reasons we specified the T-BAR LED at the Vornado Design Lab."

- Nathan Ferrance, Architect

Data Center

#### Project:

# **Mid Atlantic Region**

Specifier: Facility Management / Illuminations Inc.

Application: Data center hot aisles
Total square footage: 1,035 sq ft

Average foot candle achieved: 17.7 FC at floor



Quantity of products:

**48 pcs - TBSL-MW-2-24-D-A-W** T-BAR LED 2' Diffusing Lens 15/16" (3,500K) Armstrong® Ceilings DC FlexZone™ 15/16"





"While the Data Center generates an excessive amount of heat and requires complex ventilation systems, the T-BAR LED helps maintain that efficiency with low voltage DC power without generating extra heat."

Government

#### Project:

## **East Courts Building**

- Phoenix, AZ

Specifier: DFDG - Dick & Fritsche Design Group Application: Courtrooms and hallways

Total square footage: 2,900 sq ft

Average foot candle achieved: 54.5 FC at desk



Armstrong\* Ceilings Prelude\* XL\* 15/16"

Quantity of products:

72 pcs - TBSL-HN-2-24-D-U-W

T-BAR LED 2' Diffusing Lens 15/16" (4,500K)

30 pcs - TBSL-HN-4-24-D-U-W

T-BAR LED 4' Diffusing Lens 15/16" (4,500K)



"Aesthetically, the T-BAR LEDs provided a very clean solution. Functionally, they allow speakers to be positioned based on where they are best suited. And to top it off, the various ducts, sprinkler pipes, and electrical conduits easily fit without having to coordinate around light locations."

- Chad Billings, Principal of DFDG

Car Dealership

## Project:

# **Bob Swope Ford Dealership**

- Elizabethtown, KY

Specifier: Engineered Lighting Sales, Inc.

Application: Showroom

Total square footage: 2,800 sq ft

Average foot candle achieved: 40 FC at desk



Quantity of products:

47 pcs - TBSL-MW-2-24-D-U-W T-BAR LED 2' Diffusing Lens 15/16" (3,500K)

3 pcs - TBSL-MN-2-24-S-U-W

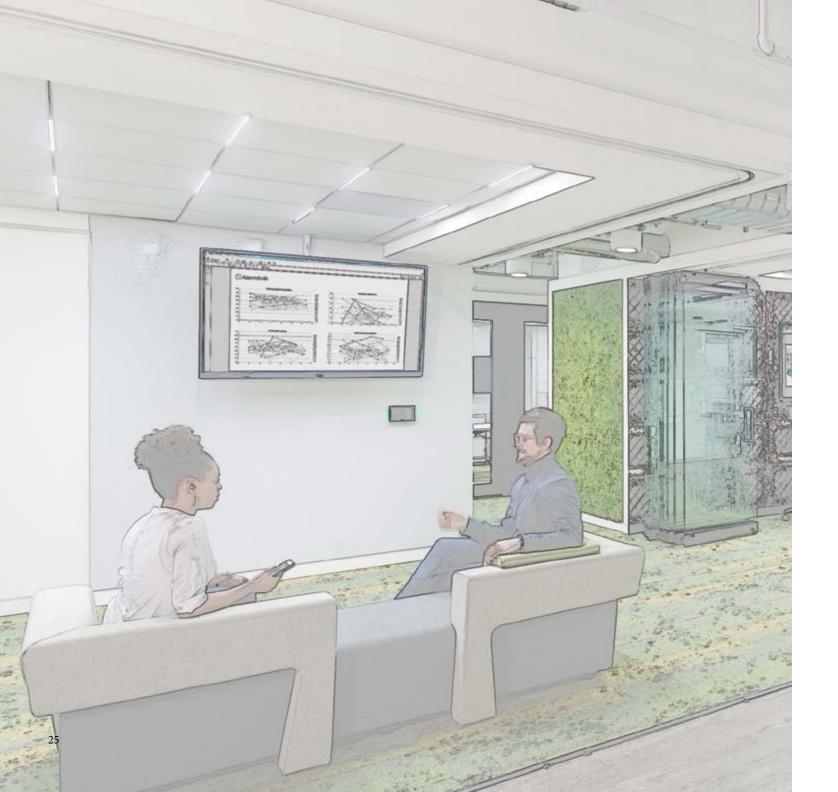
T-BAR LED 2' Signage Diffusing Lens 15/16" (4,000K)



"The owner saw the product installed on another project and loved the high-tech and minimalist look. The lighting did not overwhelm the ceiling space and fit nicely with the new updated contemporary look for the showroom."

– Ernest Cruse II, President of Engineered Lighting Sales

"loved the high-tech look"



# **IMPROVED ACOUSTICS**

The clean modern lights occupy the grid allowing for the use of uninterrupted ceiling panels, creating a uniform ceiling design and optimizing sound absorption and light reflectance.

#### Project:

#### **AARP Renovation Project**

- Washington, D.C.

Specifier: OPX Design Consultancy
Application: Conference/focus/work rooms
Total square footage: 2,600 sq ft
Average foot candle achieved: 31.5 FC at desk



Quantity of products:

**43 pcs - TBSL-MW-2-15-D-U-W** T-BAR LED 2' Diffusing Lens 9/16" (3,500K)

**46 pcs - TBSL-MW-4-15-D-U-W** T-BAR LED 4' Diffusing Lens 9/16" (3,500K)



"There are many reasons why we chose to use the T-BAR LED fixtures, and probably none more than acoustics. This client was very sensitive to sound transfer between enclosed spaces, and the T-BAR LED was a big part of our solution. Having the fixture integrated into the ceiling grid system allows additional ceiling tiles to be installed to absorb sound, and also to limit sound transfer through the light fixture, which is not the case with a traditional 2x2 fixture."

- Erik Wyche, OPX Design Consultancy

"improved acoustics"

## The Bambora Project

- Stockholm, Sweden

Specifier: MER Architects

Application: Conference and waiting rooms

Total square footage: 980 sq ft

Average foot candle achieved: 32.5 FC at floor



Quantity of products:

20 pcs - TBSL-HW-4-24-D-U-W

T-BAR LED 4' Diffusing Lens 15/16" (3,000K)

10 pcs - TBSL-HW-2-24-D-U-W

T-BAR LED 2' Diffusing Lens 15/16" (3,000K)



"The Bambora company is known for their sophisticated simplicity in the commerce field.

The owners wanted to bring the same theme to their new office and conference room settings.

The T-BAR LED was the perfect fit, adding a unique look while improving sound quality."



#### Project:

## **Equity Office**

- Boston, MA

Specifier: Dyer Brown Architects

Application: Office Space

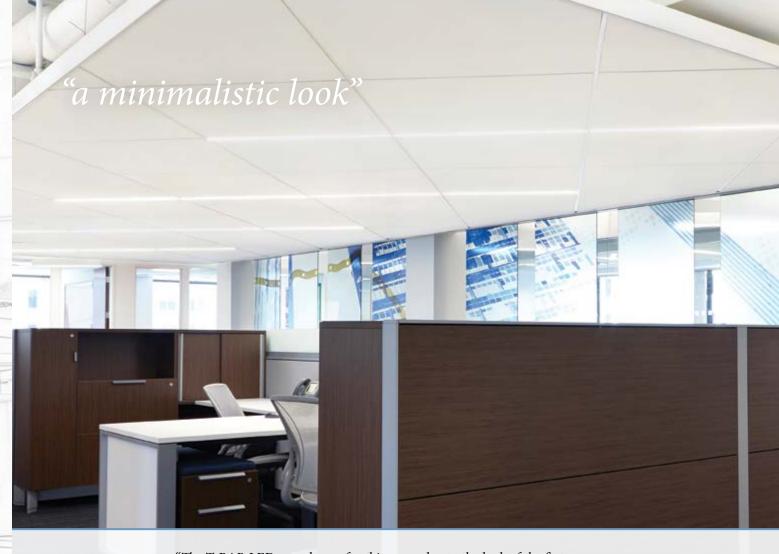
Total square footage: 2,900 sq ft
Average foot candle achieved: 54.5 FC at desk



Armstrong® Ceilings Ultima\* 15/16"

Quantity of products:

16 pcs - TBSL-MW-4-24-D-U-W T-BAR LED 4' Diffusing Lens 15/16" (3,500K)



"The T-BAR LED was chosen for this space due to the look of the fixture. Equity wanted a minimalistic look and this was exactly what they were looking for. They liked how the light blended in and fit within a ceiling grid."

– Heather Stanley, Senior Project Manager at Dyer Brown Architects

## **Bishop McVinney Memorial Auditorium**

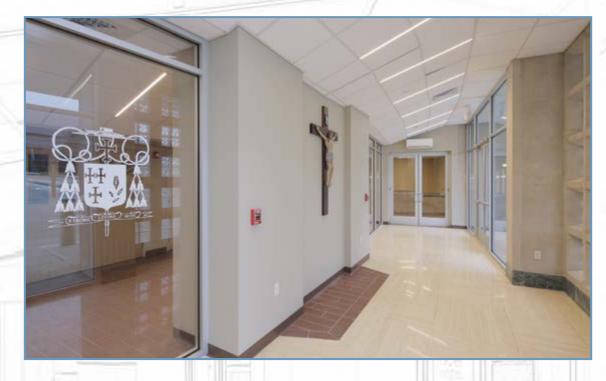
- Providence, RI

Specifier: Abernathy Lighting Design / Torrado Architects

Application: Auditorium entrance lobby

Total square footage: 1,830 sq ft

Average foot candle achieved: 20 FC at floor



Quantity of products:

8 pcs - TBSL-HW-2-24-D-U-W

T-BAR LED 2' Diffusing Lens 15/16" (3,000K)

44 pcs - TBSL-HW-4-24-D-U-W

T-BAR LED 4' Diffusing Lens 15/16" (3,000K)



"The raked ceiling and the T-BAR system allowed us to provide the general area lighting that we needed along with the marquee sparkle that every Theater desires for an entrance. The rake was important for the architectural effect as it made the lighting itself more visible. The T-BAR's low profile proved to be the one lighting system that could achieve both effects."

- Kathy Abernathy, Principal of Abernathy Lighting Design

"the architectural effect"

#### Project:

# **Beacon Capital Spec Suite Offices**

- McLean, VA

Specifier: Wingate Hughes Architects Application: Office Space Total square footage: 14,970 sq ft Average foot candle achieved: 45 FC at desk



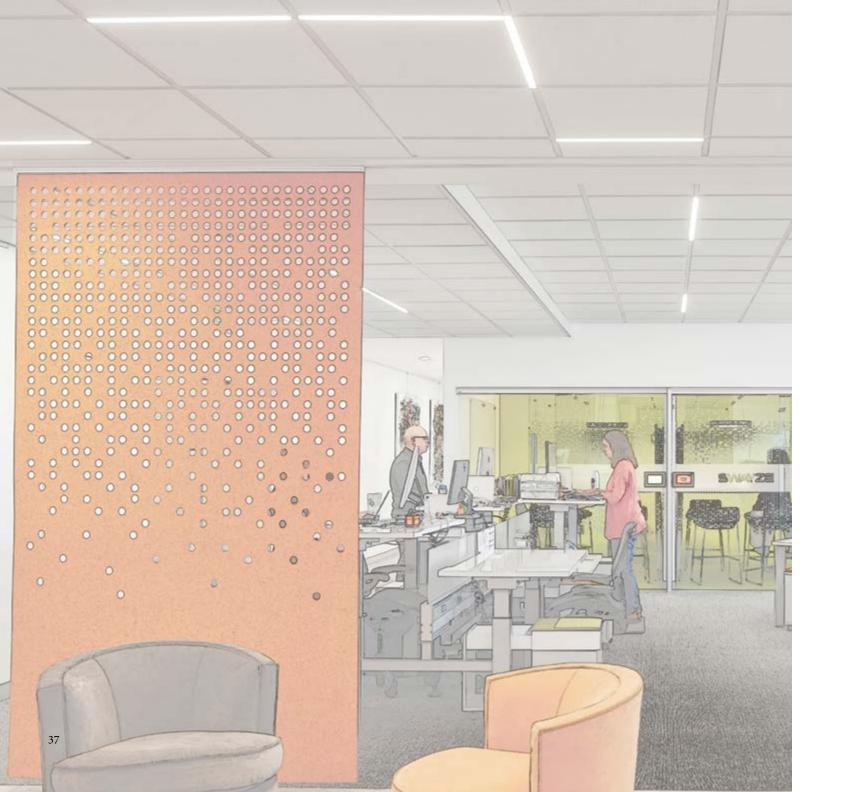
Armstrong® Ceilings Suprafine® XL® HRC 9/16"

Quantity of products:

**406 pcs - TBSL-MW-4-15-D-U-W** T-BAR LED 4' Diffusing Lens 9/16" (3,500K) "Wingate Hughes Architects set the building's sustainable-lighting standard when we installed the T-BAR LED lights in the four Beacon Capital Spec Suite Offices. Additionally, the four suites cater to tenants needs as they are flexible in functionality and aesthetically appealing. In anticipation of room and office conversions, the lights are installed on a standard spacing module allowing the future tenant to put up walls (or remove them) without affecting the lighting layout."

- Meghan Fuentes, Wingate Hughes Architects

"set the sustainable lighting standard"



## **EVEN FOOT CANDLES**

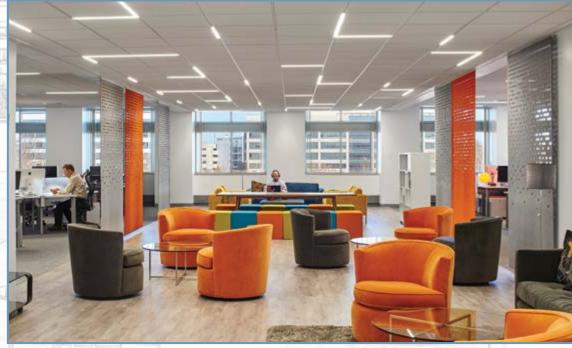
The versatile lighting can be placed in the ceiling wherever light is needed or desired, resulting in a more uniform illumination and the ability to achieve the foot candles required.

Project:

## **UNUM Therapeutics**

- Cambridge, MA

Specifier: Perkins + Will
Application: Office space
Total square footage: 3,500 sq ft
Average foot candle achieved: 32 FC at desk



Quantity of products:

**162 pcs - TBSL-MW-4-24-D-A-W** T-BAR LED 4' Diffusing Lens 15/16" (3,500K)

**78 pcs - TBSL-MW-2-24-D-A-W**T-BAR LED 2' Diffusing Lens 15/16" (3,500K)

Armstrong® Ceilings Dune™ Beveled Tegular 15/16"

**18 pcs - TBSL-MW-4-24-A-A-W** T-BAR LED 4' Asymmetric Lens 15/16" (3,500K)

30 pcs - TBSL-MW-4L-24-D-A-W T-BAR LED 4L Model Diffusing Lens 15/16" (3,500K) "a creative, non-institutional feel"

"The lights convey a minimalist, modern feel. The flexibility to adjust the spacing and alignment of the T-BAR LEDs gives our space a creative, non-institutional feel that is hard to avoid with most alternative lighting options."

- Chuck Wilson, CEO of UNUM Therapeutics

## **Springhill Medical Center**

- Mobile, AL

Specifier: AMA Lighting
Application: Birthing suites
Total square footage: 310 sq ft

Average foot candle achieved: 38.77 FC at desk



Armstrong® Ceilings

Prelude® XL® 15/16"

Quantity of products:

6 pcs - TBSL-MW-2-24-D-U-W T-BAR LED 2' Diffusing Lens 15/16" (3,500K)

6 pcs - TBSL-MW-4-24-D-U-W T-BAR LED 4' Diffusing Lens 15/16" (3,500K) "The T-BAR LED is attractive in appearance and very functionally efficient, giving off a surprising amount of light for its small profile. It was the perfect union of aesthetics and function. Even our contractors said that it is quick and easy to install."

"functionally efficient

Educational

#### Project:

# Sandbox ColLABorative, Southern New Hampshire University

- Manchester, NH

Specifier: Perry Dean Rogers | Partners Architects

Application: R&D educational facility

Total square footage: 750 sq ft

Average foot candle achieved: 45 FC at desk



Armstrong<sup>®</sup> Ceilings WoodWorks<sup>®</sup> Grille Tegular 15/16"

#### Quantity of products:

22 pcs - TBSL-MW-4-24-D-A-C T-BAR LED 4' Diffusing Lens 15/16" (3,500K) custom color - matte black "seamless integration"

"The seamless integration of the T-BAR LED with the wood slatted ceiling offered the Design Team a well-coordinated and aesthetically pleasing solution to the 'feature space' of the Sandbox ColLABorative."

– Todd Shafer, Perry Dean Rogers | Partners Architects

Car Dealership

#### Project:

## Foster Kia Dealership

- Toronto, ON Canada

Specifier: e-Lumen International Inc. Consulting Engineers

Application: Showroom and offices

Total square footage: 2,303.48 sq ft

Average foot candle achieved: 82 FC at desk in showroom

42.56 FC at desk in offices

18.9 FC at desk in corridor



Armstrong<sup>®</sup> Ceilings Prelude<sup>®</sup> XL<sup>®</sup> 15/16"

Quantity of products:

**97 pcs - TBSL-MW-4-24-D-U-W** T-BAR LED 4' Diffusing Lens 15/16" (3,500K) "The T-BAR LED system was chosen for this particular location because of its unique look. Like no other product, T-BAR LED allows the ceiling to look clean and adds the flexibility to mount the lights wherever we want. This solution provides the end user less watts per square foot while achieving the high illumination required for this application."

— Jerry Mobilio, Principal of e-Lumen International Inc.

"less watts per square fo

5 46

#### **Bank of the West**

- San Francisco, CA

Specifier: Gensler / Birkenstock Lighting Design Application: Banking facility Total square footage: 5,423 sq ft Average foot candle achieved: 40.76 FC at desk



Quantity of products:

**30 pcs - TBSL-MW-4-24-D-U-W** T-BAR LED 4' Diffusing Lens 15/16" (3,500K) Armstrong<sup>®</sup> Ceilings Prelude<sup>®</sup> XL<sup>®</sup> 15/16"



"The T-BAR LED lighting system offers a minimalist, high-performing solution for our retail design needs. The seamless integration into the ceiling system creates a clean and modern aesthetic that enhances the overall design, creating a balance between light and space."

- Prasert Wiwatyukhan, Designer at Gensler

"Designers can now almost paint with the light, placing the fixtures wherever light is needed in the space." - Mia Antonia, Principal Partner of JLC-Tech

