

# T-BAR STAX | Order Specification Guide

T-BAR STAX™

Product Name	LED/K Color	Light Output	Grid Size	Grid Type	Optic	Mounting Clips	Color	Driver	Options
<b>TBSX</b> = T-BAR STAX for Armstrong DesignStackz™	<b>HW</b> = 3000K <b>MW</b> = 3500K <b>MN</b> = 4000K <b>CN</b> = 5000K	<b>LO</b> = Low <b>MO</b> = Medium <b>HO</b> = High	<b>20</b> = 2' XM to XM <b>22</b> = 2' XM to XL <b>Z</b> = Z Kit	<b>15</b> = 9/16"	<b>D</b> = Diffusing Lens <b>DW</b> = Diffused White Lens <b>B</b> = Block Clear Diffusing Lens <b>B2</b> = Block Frosted Diffusing Lens	<b>A</b> = Armstrong DesignStackz™ Ceiling	<b>W</b> = White <b>B</b> = Black <b>C</b> = Custom	<b>UNV</b> = 120-277 VAC 0-10V dimming <b>DAL</b> = 120-277 VAC DALI 2 dimming <b>DC</b> = Acuity DC2DC 57V <sup>1</sup> <b>347</b> = 347 VAC 0-10V dimming <b>POE</b> = Power over Ethernet <sup>1</sup>	<b>CP</b> = Chicago Plenum <b>IP</b> = IP65 <b>LA</b> = Lutron Athena Wireless Node <b>NW</b> = nLight® Wired <b>NA</b> = nLight® Air <sup>1</sup>  Optional EM Battery Kit available (sold separately).

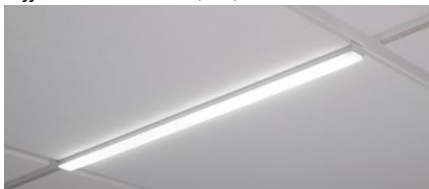
www.jlc-tech.com/patents

<sup>1</sup> Consult factory

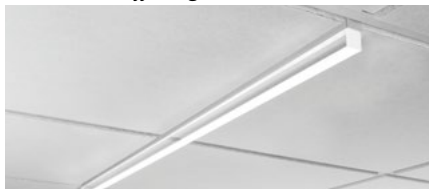
Diffusing Lens (D)



Diffused White Lens (DW)



Block Clear Diffusing Lens (B)



Block Frosted Diffusing Lens (B2)



## NOTES:

T-BAR STAX is designed for seamless integration into DesignStackz Ceiling Systems by Armstrong® World Industries. Create unique shapes and patterns beyond the traditional ceiling layout. Armstrong Ceiling clips allow for easy installation, just as you would install a typical cross tee. Available with a "Z" kit to create a fully illuminated shape within the 4' x 4' DesignStackz module.

## APPLICATIONS:

Executive, Medical, Health, Educational, Retail, Hotels, Airport, Hospitality and any open space areas that require a unique and elegant architectural lighting design.

## MOUNTING:

Integrates with Armstrong's DesignStackz 9/16" Suprafine® Suspension Systems. Compatible with DesignStackz Ceiling Tiles.

## MATERIALS:

Anodized and painted aluminum extruded body, steel mounting clips, PC end caps, high transmitting acrylic PMMA lens.

## ELECTRIC:

Universal input voltage of 120-277VAC. Junction box installed on fixture with integral driver for connection to branch circuit and dimming system, (dimming to 1%). Fixture must be installed in accordance with local electrical codes.

[For EM Battery Kit order separately.](#)

For more information on integrated controls options, [refer to controls guide on website.](#)

## WARRANTY:

5 years limited warranty. For complete warranty terms, please visit our website.

## LISTINGS:

ETL/cETLus CE RoHS Indoor use only. IP 40.

IP65 rated option

IP ratings are intended below finished ceiling

**Armstrong®**  
World Industries

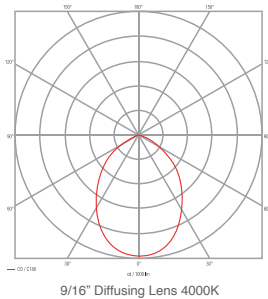
The T-BAR STAX is specifically designed for DesignStackz by Armstrong® World Industries. To learn more about this ceiling system visit [www.armstrongceilings.com/designstackz](http://www.armstrongceilings.com/designstackz)

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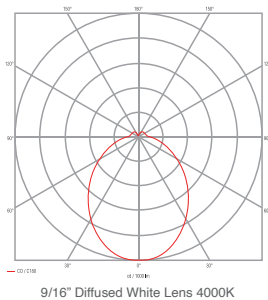
MADE IN USA

Photometrics CRI = &gt;82

 $L_{80} > 60K$  hrs

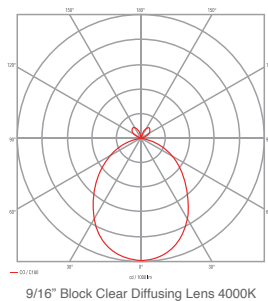
## Diffusing Lens – Grid Type: 15

Light Output	Output (lm/ft)	Power (watts/ft)	Efficacy (lm/W)
<b>LO</b> = Low	282	3.3	85
<b>MO</b> = Medium	440	5.2	84
<b>HO</b> = High	806	9.5	85



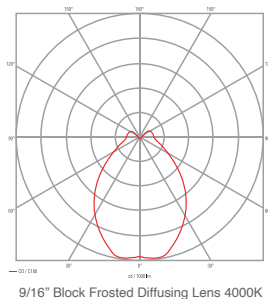
## Diffused White Lens – Grid Type: 15

Light Output	Output (lm/ft)	Power (watts/ft)	Efficacy (lm/W)
<b>LO</b> = Low	196	3.3	60
<b>MO</b> = Medium	311	5.2	60
<b>HO</b> = High	560	9.5	59



## Block Clear Diffusing Lens – Grid Type: 15

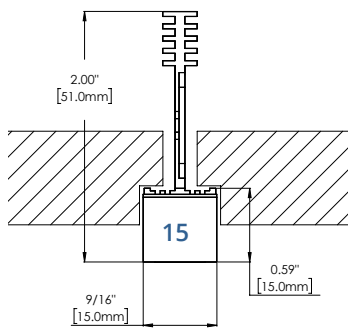
Light Output	Output (lm/ft)	Power (watts/ft)	Efficacy (lm/W)
<b>LO</b> = Low	274	3.3	83
<b>MO</b> = Medium	436	5.2	84
<b>HO</b> = High	797	9.5	84



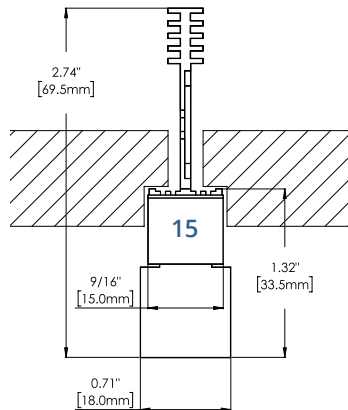
## Block Frosted Diffusing Lens – Grid Type: 15

Light Output	Output (lm/ft)	Power (watts/ft)	Efficacy (lm/W)
<b>LO</b> = Low	280	3.3	85
<b>MO</b> = Medium	445	5.2	86
<b>HO</b> = High	813	9.5	86

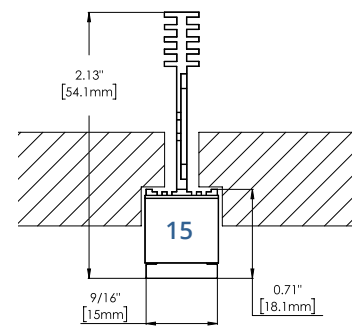
## Profile Dimensions (Compatible with DesignStackz Ceiling Tiles)



9/16" Diffusing Lens  
TBSX-XX-X-15-D-A-X-X



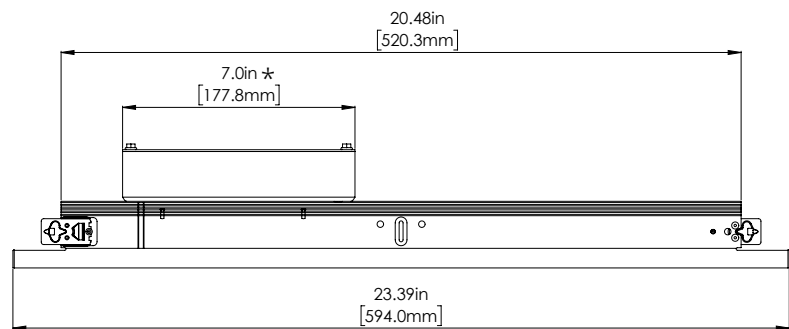
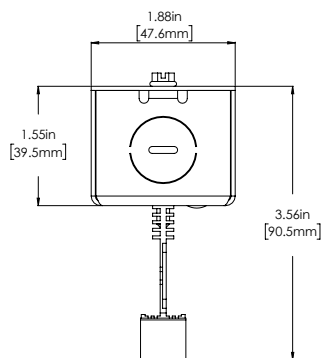
9/16" Block Lens  
TBSX-XX-X-15-B/B2-A-X-X



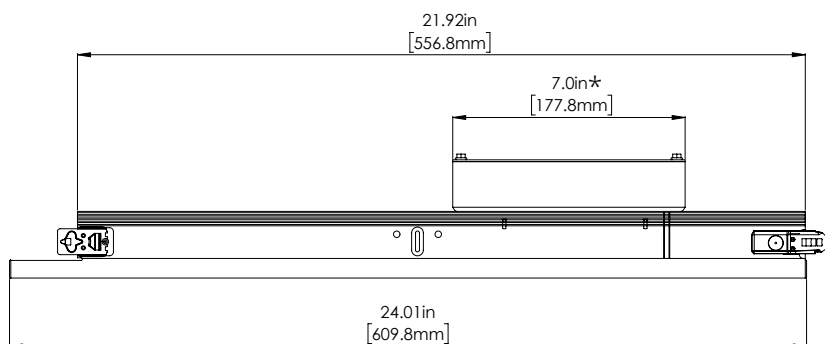
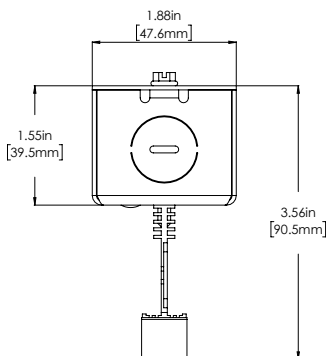
9/16" Diffuse White  
TBSX-XX-X-15-DW-A-X-X

Clear block and frosted block variable  
heights 1/2" - 4" available, consult factory.

## Length Dimensions



TBSX-XX-XX-20-15-X-A-X-UNV (Replaces Armstrong Item # XMM7524)



TBSX-XX-XX-22-15-X-A-X-UNV (Replaces Armstrong Item # XML7524)

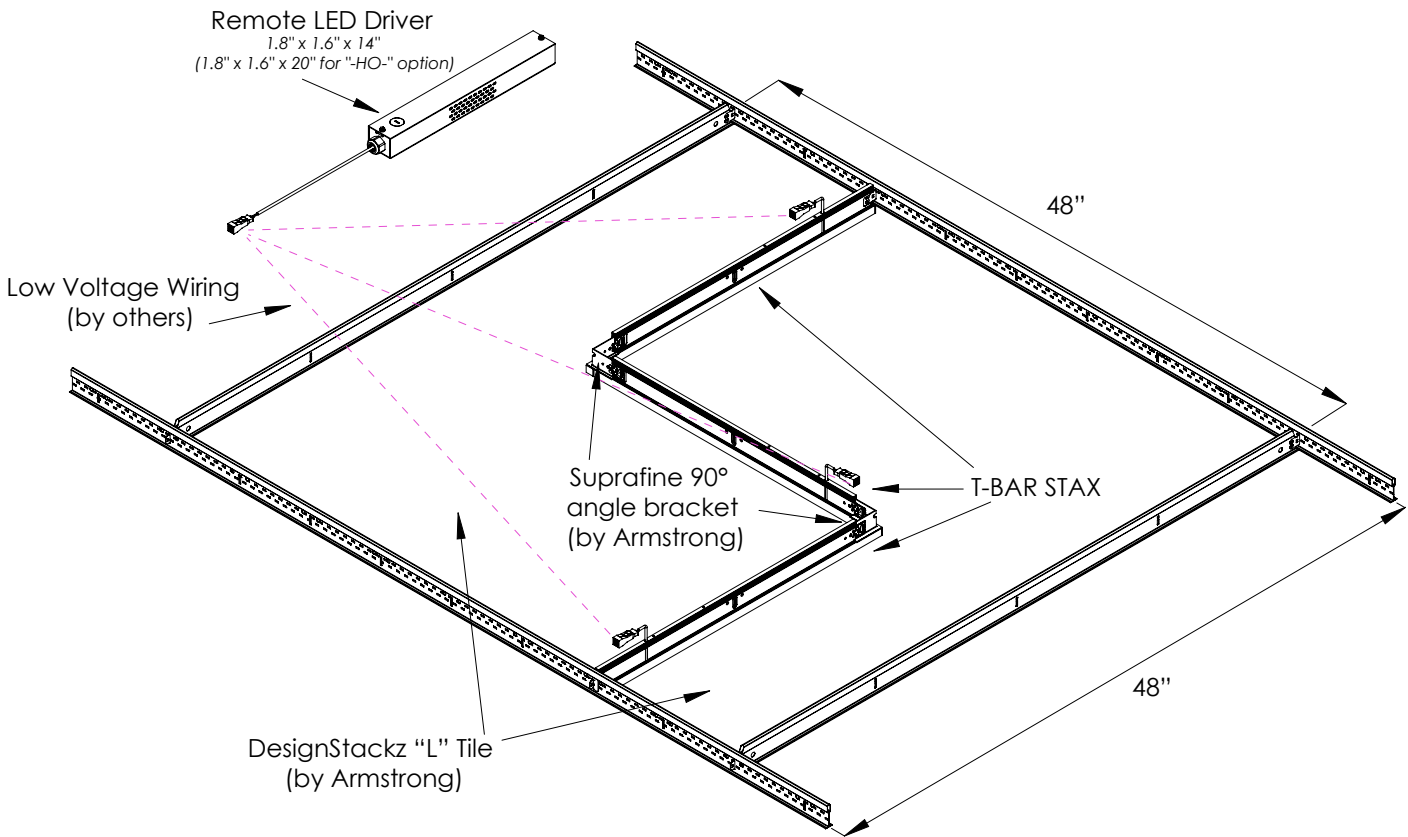
\* Junction box length may be different for options other than standard  
universal input 0-10V dimming driver or other controls options,  
[refer to controls guides on website for more information.](#)

Grid Size	Description	Grid Type	Replaces DesignStackz ceiling Item Number
20	2' XM/XM	9/16"	XMM7524
22	2' XM/XL	9/16"	XML7524
Z	Z Kit	9/16"	(2) XML7524, (1) XMM7524

*DesignStackz Ceiling layouts can also utilize standard length 2ft and 4ft Suprafine 9/16" cross tees with 2x2 and 2x4 tiles. For other layouts utilizing DesignStackz 2ft and 4ft cross tees please refer to the T-BAR LED X-Series product line at [www.jlc-tech.com/x-series](http://www.jlc-tech.com/x-series)*

Z Kit Configuration

Using the T-BAR STAX with the Armstrong DesignStackz ceiling system allows for a fully illuminated Z shape of light within the DesignStackz 4' x 4' module. The "Z" kit configuration comes with (2) 22" T-BAR STAX and (1) 20" T-BAR STAX fixtures, and a single power supply is provided for the entire kit.



*The T-BAR STAX is specifically designed for DesignStackz by Armstrong® World Industries. To learn more about this ceiling system visit [www.armstrongceilings.com/designstackz](http://www.armstrongceilings.com/designstackz)*

