

T-BAR STAX | Order Specification Guide

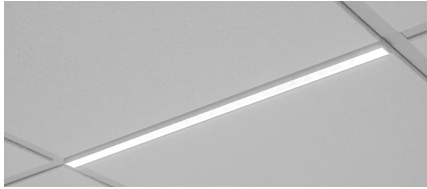


Product Name	LED/K Color	Light Output	Grid Size	Grid Type	Optic	Mounting Clips	Color	Driver	Options
TBSX = T-BAR STAX for Armstrong DesignStackz™	HW = 3000K	LO = Low	20 = 2' XM to XM	15 = 9/16"	D = Diffusing Lens	A = Armstrong DesignStackz™ Ceiling	W = White	UNV = 120-277 VAC 0-10V dimming	CP = Chicago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

www.jlc-tech.com/patents

¹ Consult factory

Diffusing Lens (D)



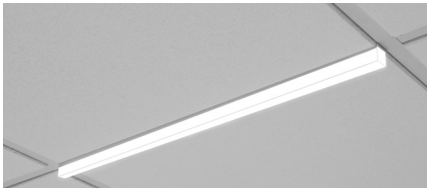
Diffused White Lens (DW)



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. All static white options are 90 CRI standard.

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 Battery Backup 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.

BAA and BABA compliant.

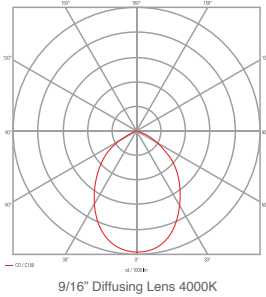


The T-BAR STAX is specifically designed for DesignStackz by Armstrong® World Industries. To learn more about this ceiling system visit www.armstrongceilings.com/designstackz



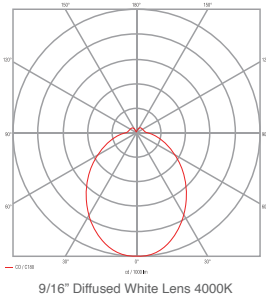
Photometrics CRI = >90 R9>70 L₈₀ > 60K hrs (Data at 4000K)

Diffusing Lens – Grid Type: 15



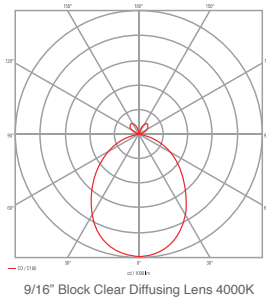
Light Output	Output (lm/ft)	Power (watts/ft)	Efficacy (lm/W)
LO = Low	282	3.3	85
MO = Medium	440	5.2	84
HO = High	806	9.5	85

Diffused White Lens – Grid Type: 15



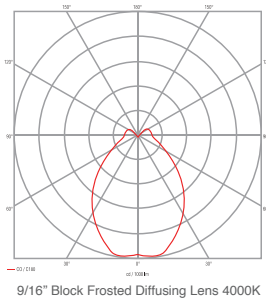
Light Output	Output (lm/ft)	Power (watts/ft)	Efficacy (lm/W)
LO = Low	196	3.3	60
MO = Medium	311	5.2	60
HO = High	560	9.5	59

Block Clear Diffusing Lens – Grid Type: 15



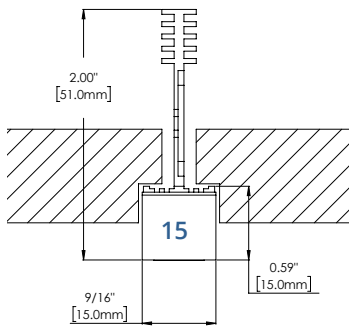
Light Output	Output (lm/ft)	Power (watts/ft)	Efficacy (lm/W)
LO = Low	274	3.3	83
MO = Medium	436	5.2	84
HO = High	797	9.5	84

Block Frosted Diffusing Lens – Grid Type: 15

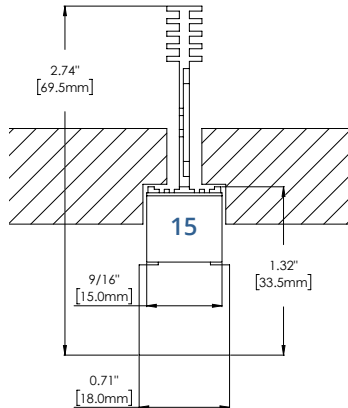


Light Output	Output (lm/ft)	Power (watts/ft)	Efficacy (lm/W)
LO = Low	280	3.3	85
MO = Medium	445	5.2	86
HO = High	813	9.5	86

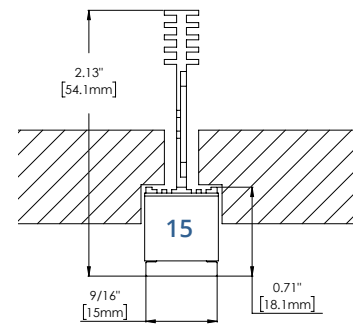
Profile Dimensions (Compatible with DesignStackz Ceiling Tiles)



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



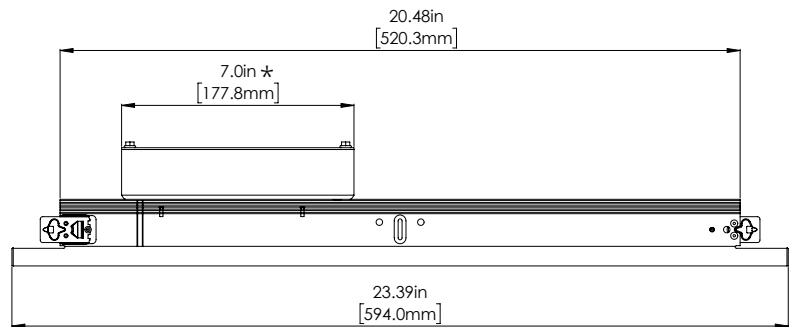
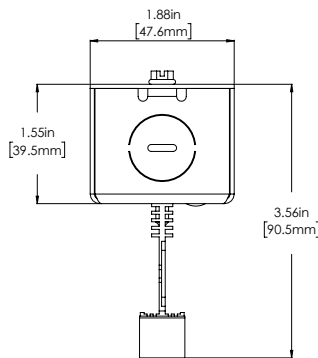
9/16" Block Lens
TBSX-XX-X-15-B/B2-A-X-X



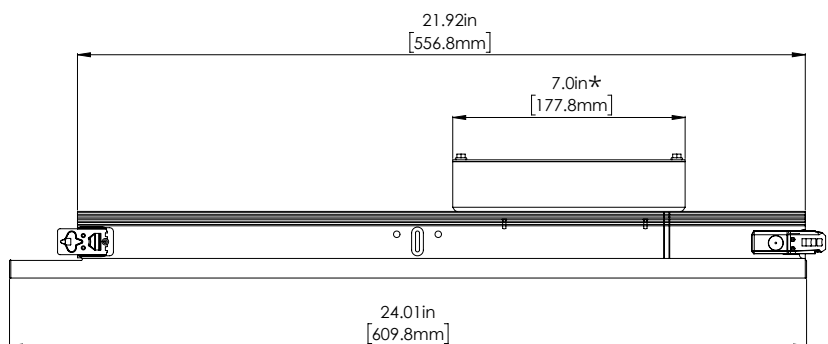
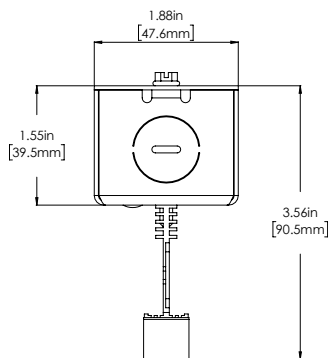
9/16" Diffuse White
TBSX-XX-X-15-DW-A-X-X

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)

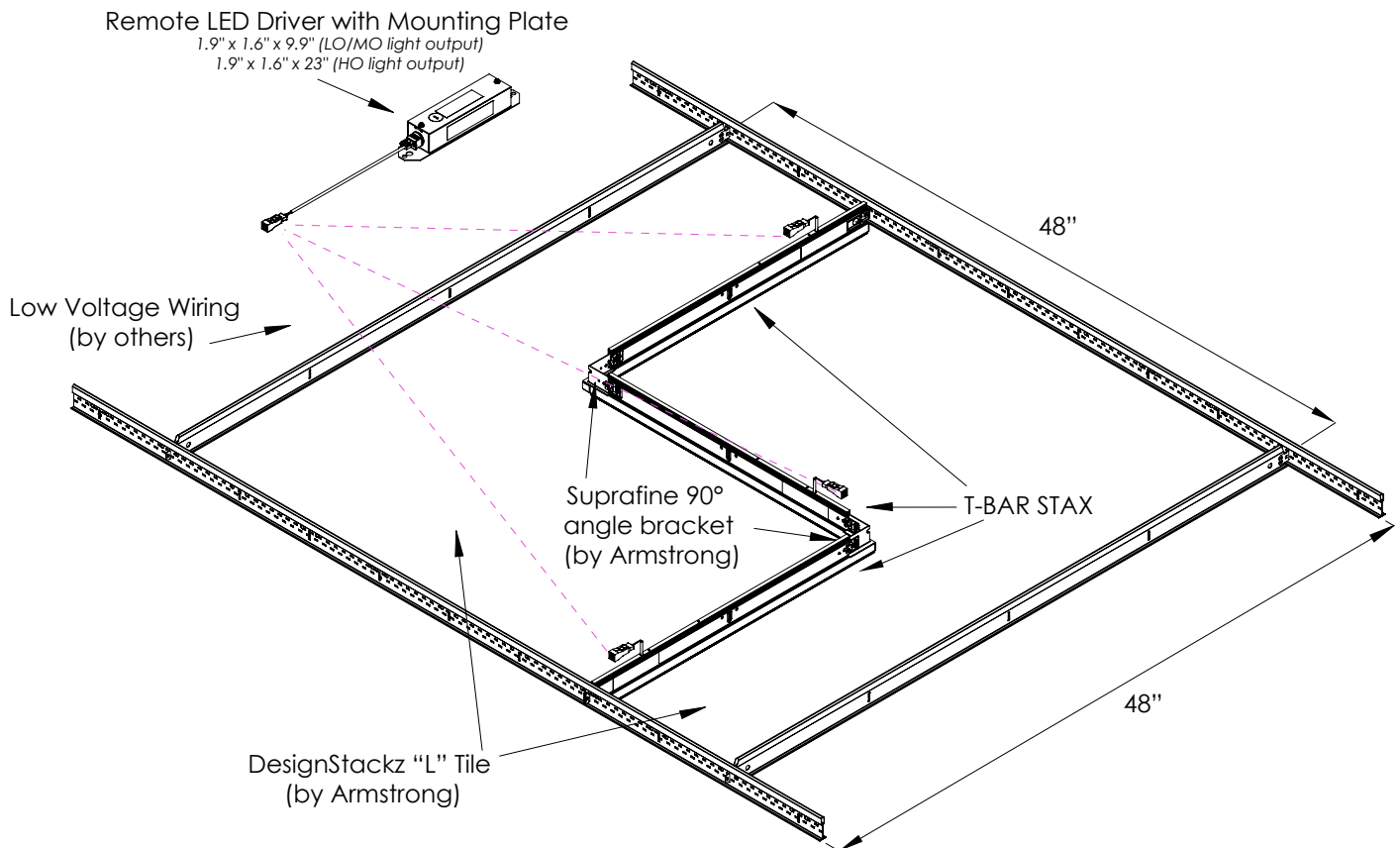
* Junction box length may be different for options other than standard universal input 0-10V dimming driver or other controls options, refer to controls guides on website for more information.

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

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.



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