

T-BAR FLEX | Order Specification Guide

T-BAR FLEX®

Product Name	LED/K Color	Light Output	Grid Size	Grid Type	Optic	Mounting Clips	Color	Driver	Options	
TBFL = T-BAR FLEX	HW = 3000K	LO = Low	16 = 75° 24" MBS	15 = 9/16"	D = Diffusing Lens	A = Armstrong® DesignFlex® Ceilings	W = White B = Black C = Custom	UNV = 120-277 VAC 0-10V dimming	CP = Chicago Plenum	
	MW = 3500K	MO = Medium	22 = 60° 24" MBS		DW = Diffused White Lens			DAL = 120-277 VAC DALI 2 dimming	IP = IP65	
	MN = 4000K	HO = High	30 = 45° 24" MBS		B = Block Clear Diffusing Lens			DC = Acuity DC2DC 57V ¹	LA = Lutron Athena Wireless Node	
	CN = 5000K	Custom lumen outputs available, consult factory.	(MBS = Main Beam Spacing)		41 = 75° 48" MBS			B2 = Block Frosted Diffusing Lens	347 = 347 VAC 0-10V dimming ²	NW = nLight® Wired
					49 = 60° 48" MBS				POE = Power over Ethernet ¹	NA = nLight® Air ¹
					64 = 45° 48" MBS					
	Consult factory for tunable									

www.jlc-tech.com/patents

¹ Consult factory ² Not available with tunable white

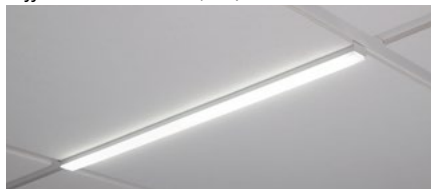
Optional Accessory	Grid Size	Color
TBFL-PA = T-BAR FLEX Perimeter Accessory ³	15 = 9/16"	W = White B = Black C = Custom

³ See page 4 for additional info

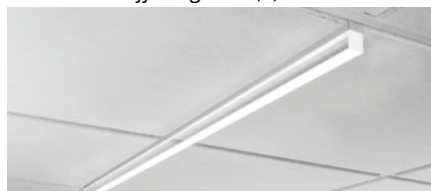
Diffusing Lens (D)



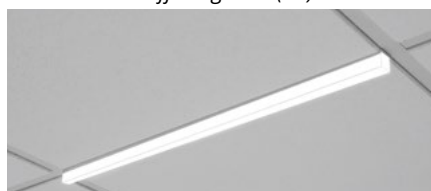
Diffused White Lens (DW)



Block Clear Diffusing Lens (B)



Block Frosted Diffusing Lens (B2)

**NOTES:**

T-BAR FLEX is designed for seamless integration into DESIGNFlex® Ceiling Systems by Armstrong® Ceilings. Create unique shapes and patterns beyond the traditional ceiling layout. Armstrong Ceiling clips allow for easy installation, just as you would install a typical XM cross tee.

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 Ceilings DESIGNFlex 9/16" SupraFine® Suspension Systems. Compatible with Tegular and Lay-in 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

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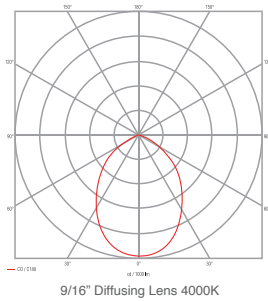


The T-BAR FLEX® is specifically designed for DESIGNFlex® Ceilings Systems by Armstrong® World Industries. To learn more about this ceiling system visit www.armstrongceilings.com/designflex

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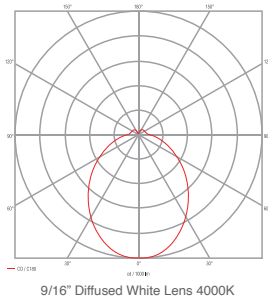
MADE IN USA

Photometrics CRI = >82

 $L_{80} > 60K$ hrs

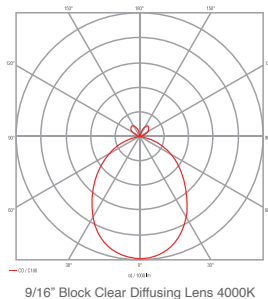
Diffusing Lens – Grid Type: 15

Light Output	Output (lm/ft)	Power (watts/ft)	Efficacy (lm/W)
LO = Low	354	4.2	84
MO = Medium	472	5.5	86
HO = High	902	10.6	85



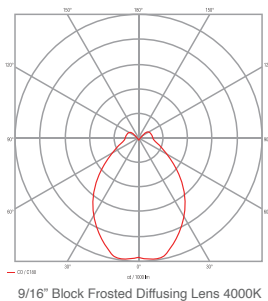
Diffused White Lens – Grid Type: 15

Light Output	Output (lm/ft)	Power (watts/ft)	Efficacy (lm/W)
LO = Low	255	4.2	61
MO = Medium	340	5.5	62
HO = High	650	10.6	61



Block Clear Diffusing Lens – Grid Type: 15

Light Output	Output (lm/ft)	Power (watts/ft)	Efficacy (lm/W)
LO = Low	351	4.2	84
MO = Medium	468	5.5	85
HO = High	893	10.6	84



Block Frosted Diffusing Lens – Grid Type: 15

Light Output	Output (lm/ft)	Power (watts/ft)	Efficacy (lm/W)
LO = Low	358	4.2	85
MO = Medium	477	5.5	87
HO = High	911	10.6	86

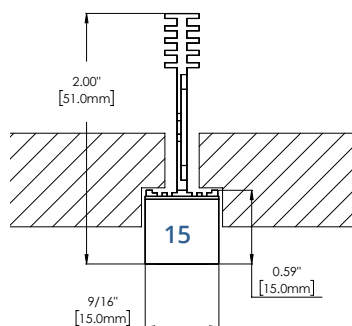
Above photometric data based on 30" T-BAR FLEX model, refer to IES files for more specific information.

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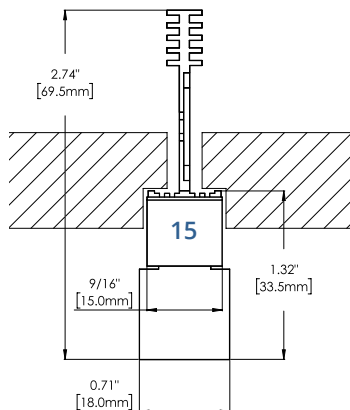
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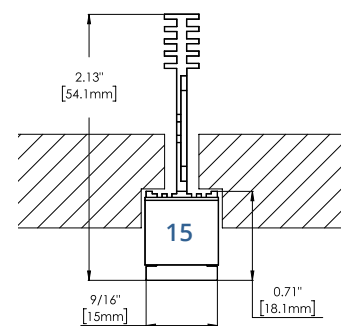
Profile Dimensions (Compatible with DESIGNFlex Ceiling Tiles)



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



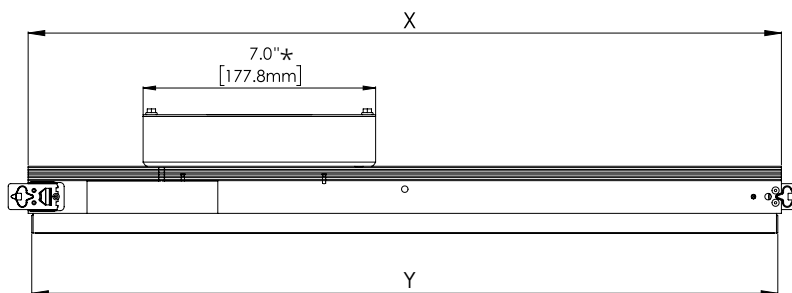
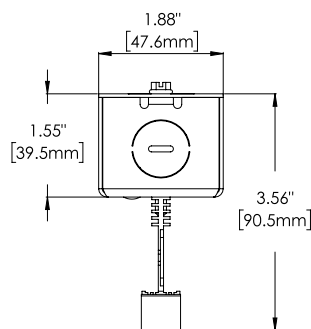
9/16" Block Lens
TBFL-XX-X-15-B/B2-A-X-X



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

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

Length Dimensions



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

Grid Size	Description	Grid Type	Replaces DESIGNFlex® ceiling T code	X	Y
16	75° 24" MBS	9/16"	XM757524	16.92"	16.67"
22	60° 24" MBS	9/16"	XM756024	22.68"	22.42"
30	45° 24" MBS	9/16"	XM754524	30.43"	30.17"
41	75° 48" MBS	9/16"	XM757548	41.66"	41.41"
49	60° 48" MBS	9/16"	XM756048	49.51"	49.25"
64	45° 48" MBS	9/16"	XM754548	64.37"	64.11"

* Diffusing Lens 4000K

MBS = Main Beam Spacing

For DESIGNFlex square and rectangle patterns please refer to T-BAR LED® product line at www.jlc-tech.com

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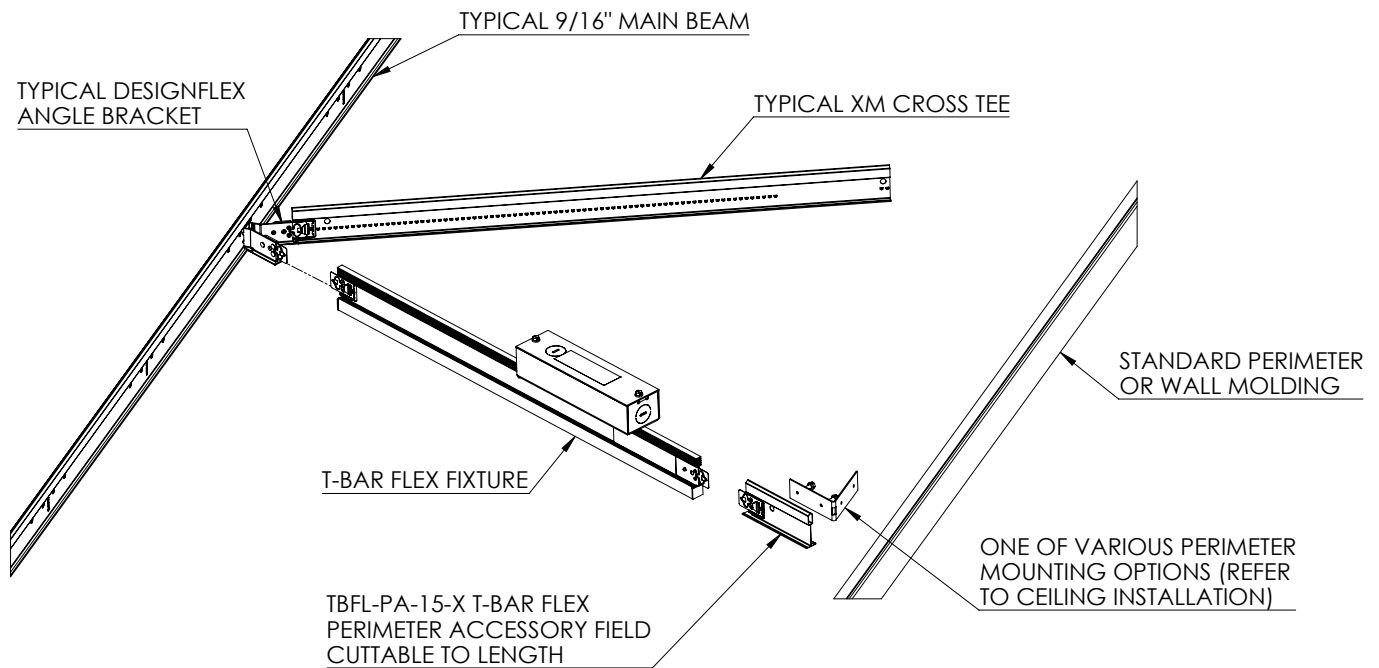
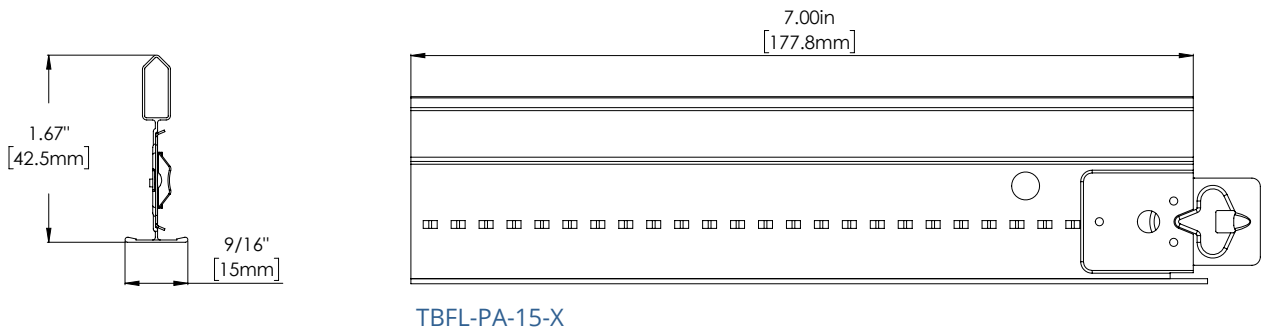
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Perimeter Kit Accessory Dimensions

A T-BAR FLEX Perimeter Accessory is only necessary in DESIGNFlex ceilings when the T-BAR FLEX fixture is abutting the perimeter trim of a ceiling cloud or the wall molding.



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