

# T-BAR ECO | Order Specification Guide

T-BAR ECO®

Product Name	LED/K Color	Grid Size	Grid Type	Optic	Mounting Clips	Driver	Options
<b>TBECOH</b> = T-BAR ECO High Output	<b>HW</b> = 3000K <b>MW</b> = 3500K <b>MN</b> = 4000K	<b>2</b> = 2 ft <b>4</b> = 4 ft <b>4L</b>	<b>24</b> = 15/16" <b>15H</b> = 9/16" High Efficiency <sup>1</sup>	<b>DW</b> = Diffused White Round <b>DWS</b> = Diffused White Square	<b>U</b> = Universal <b>A</b> = Armstrong	<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>2</sup> <b>347</b> = 347 VAC 0-10V dimming <b>POE</b> = Power over Ethernet <sup>2</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>2</sup>  Optional EM Battery Kit available (sold separately).
<b>TBECOL</b> = T-BAR ECO Low Output	<b>CN</b> = 5000K  90 CRI available, on request.	<b>Metric</b> <b>6</b> = 60 cm <b>12</b> = 120 cm <b>12L</b>	<b>15HB</b> = 9/16" High Efficiency Bolt Slot <sup>1</sup>				

www.jlc-tech.com/patents

<sup>1</sup> Cannot be used for geometric shapes <sup>2</sup> Consult factory

Diffused White Round Lens (DW)



Diffused White Square Lens (DWS)



## NOTES:

T-BAR ECO is a high efficiency LED fixture designed specifically for integration into suspension ceiling systems by directly replacing cross tees. On-board junction box includes driver and dimming connection.

## APPLICATIONS:

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

## MOUNTING:

Universal mounting brackets for easy installation to standard 15/16" T-Bars of most manufacturers' ceiling suspension systems. Armstrong compatible mounting clips for installation with Armstrong Ceiling 15/16" Prelude® and Clean Room™, 9/16" Suprafine®, Silhouette®, Sonata® and Interlude® suspension systems. Compatible with Tegal and Lay-in tiles.

## MATERIALS:

Anodized aluminum extruded body, steel mounting clips, white 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:

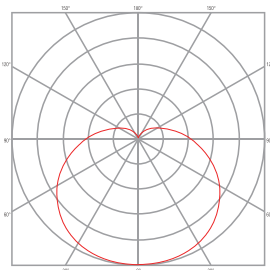
ETL/cETLus CE RoHS Indoor use only. IC Rated. IP 40.

IP65 rated option

IP ratings are intended below finished ceiling

Photometrics    CRI = >82

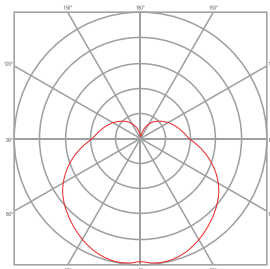
L<sub>80</sub> > 60K hrs



15/16" T-BAR ECO  
Round Lens 4000K

Diffused White Round Lens – Grid Type: 24

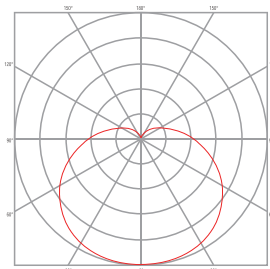
Product Code	Output (lm/ft)	Power (watts/ft)	Efficacy (lm/W)
TBECOL = Low Output	474	3.3	144
TBECOH = High Output	664	4.7	141



15/16" T-BAR ECO  
Square Lens 4000K

Diffused White Square Lens – Grid Type: 24

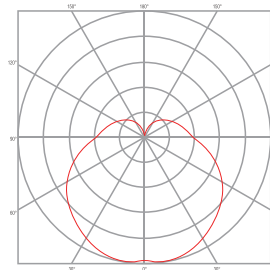
Product Code	Output (lm/ft)	Power (watts/ft)	Efficacy (lm/W)
TBECOL = Low Output	481	3.3	145
TBECOH = High Output	681	4.7	142



9/16" High Efficiency  
T-BAR ECO Round Lens 4000K

Diffused White Round Lens – Grid Type: 15H/15HB

Product Code	Output (lm/ft)	Power (watts/ft)	Efficacy (lm/W)
TBECOL = Low Output	474	3.3	144
TBECOH = High Output	664	4.7	141



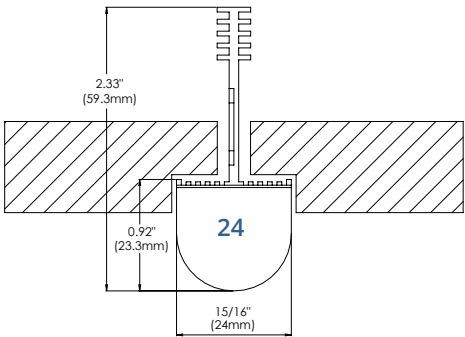
9/16" High Efficiency  
T-BAR ECO Square Lens 4000K

Diffused White Square Lens – Grid Type: 15H/15HB

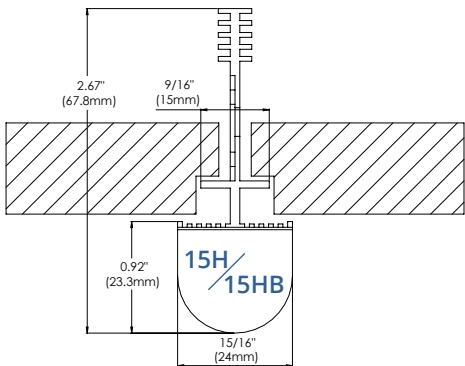
Product Code	Output (lm/ft)	Power (watts/ft)	Efficacy (lm/W)
TBECOL = Low Output	481	3.3	145
TBECOH = High Output	681	4.7	142

Profile Dimensions

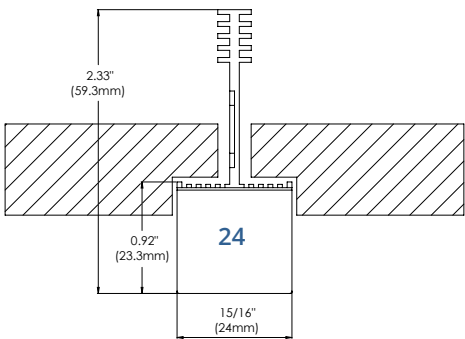
(Compatible with Tegular and Lay-in tiles)



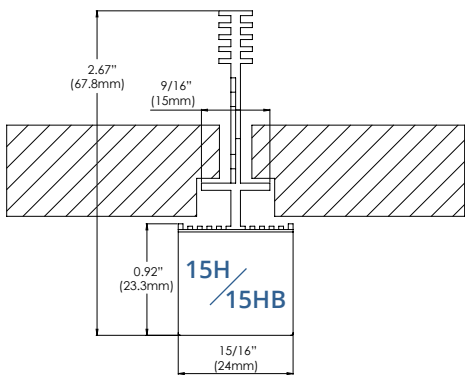
15/16" Diffuse White Round Lens  
TBECOX-XX-X-24-DW-X-X



9/16" High Efficiency Diffuse White Round Lens  
TBECOX-XX-X-15H/15HB-DW-X-X

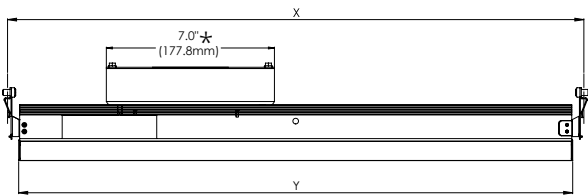
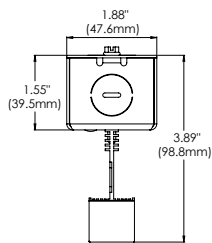


15/16" Diffuse White Square Lens  
TBECOX-XX-X-24-DWS-X-X



9/16" High Efficiency Diffuse White Square Lens  
TBECOX-XX-X-15H/15HB-DWS-X-X

Length Dimensions



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

Size	Grid Type	X	Y
2 = 2ft	24 = 15/16"	24"	23"
4 = 4ft	24 = 15/16"	48"	47"
4L	24 = 15/16"	48"	24"

Size	Grid Type	X	Y
2 = 2ft	15H/15HB = 9/16"	24"	23.4"
4 = 4ft	15H/15HB = 9/16"	48"	47.4"
4L	15H/15HB = 9/16"	48"	23.4"