

TB

An energy-efficient LED solution that seamlessly integrates into 9/16in or 15/16in flat T-grid ceilings, replacing cross tees with flexible, modular, tool-free installation and a clean aesthetic.



Project Information

Type: _____ Date: _____

Project: _____

Catalog #: _____

Notes: _____



Key Specifications

Electrical

Input voltage	120V
Power	5 W/ft
Dimming	1-10V
Driver	Remote, constant current
Power factor	>0.9

Optical

Lumens	580 lm/ft • 650 lm/ft
CRI	80
CCT	3000K • 3500K • 4000K • 5000K
Distribution	120°

Physical

Dimensions	2ft • 4ft
Mounting	9/16in or 15/16in Flat
Material	Aluminum housing

Certifications

Listings	Damp locations • IC rated
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System Warranty

5 years

Eralux will warrant defective drivers, LEDs and boards for 5 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers and boards at no fee with thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

Lumen Maintenance

L85 at 50000h

Rated for 85% initial lumen output at 50000h of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

Ordering Guide - Fixture

Assembled Catalog Number

[RESET](#)

TB

Catalog #:

01 FIXTURE FAMILY

TB

TB ERALUX TB
Series linear
architectural
fixture

02 LENGTH

2

2ft 10W

4

4ft 20W

03 DIMMING

-DM

1-10V Dimming

04 CCT

-35

3500K CCT

05 GRID TYPE

U

15/16in Flat –
Custom pattern.
(580 lm/ft)

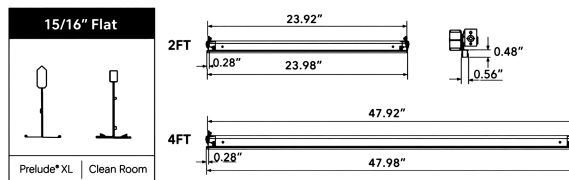
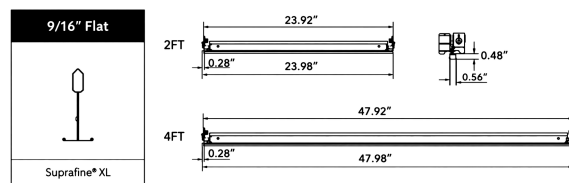
F

9/16in Flat –
Custom pattern.
(650lm /ft)

Multiple fixtures connected to the same 0-10V dimming line require a 0-10V controller for consistent dimming.

Dimensions

T-Grid Ceiling Compatibility • Dimensions of the fixture



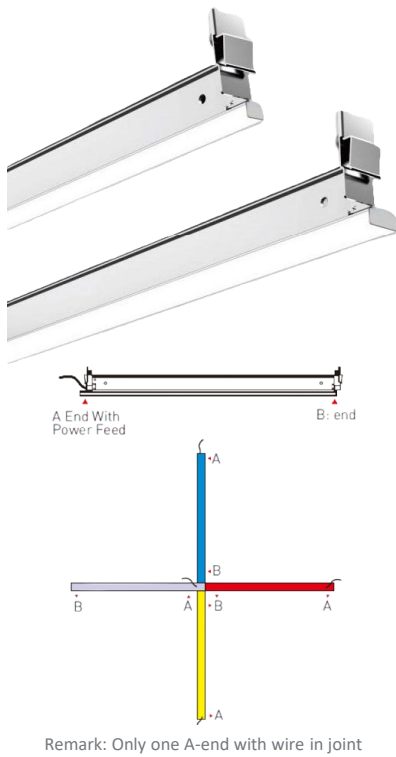
Accessories & Controls

Remote LED Driver

Ordered separately

MODEL	DESCRIPTION
30W Remote driver • 1 driver per 3 units of 2ft LED lights	TB2-DRIVER
60W Remote driver TB4-DRIVER • 1 driver per 3 units of 4ft LED lights	TB4-DRIVER

Overview



Mounting Method

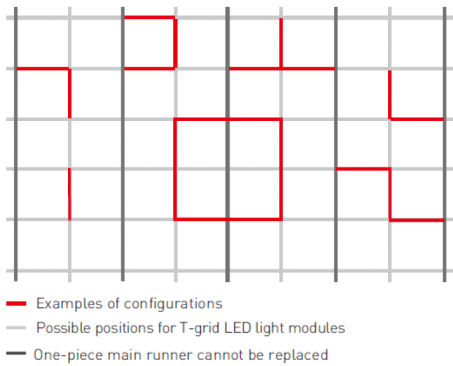
The TB Series is an innovative solution that can be integrated into T-Grid Suspended ceilings. Compatible with 15/16in or 9/16in Flat.

Customization

The TB Series can be installed in an unlimited number of configurations by replacing any of the cross tee between the main runners of the grid ceiling assembly. Custom patterns using shapes such as “L”, “T” and “X” can easily be done.

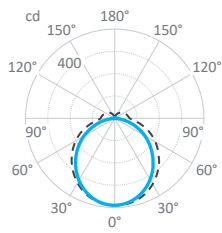
Ease of installation

The installation of the TB series is tool-free and done with ease.

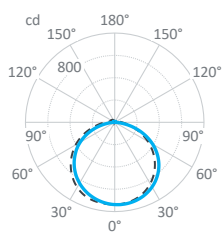


Photometric Data

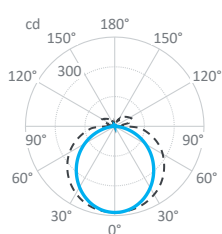
TB2-DM-35U

TB2-DM-35U		ZONE	LUMENS	% FIXTURE		DISTANCE	CENTER Fc	BEAM WIDTH	
Wattage Distribution	10.9W 116°	0-20°	142.62	10.43		1.7ft	135	4.6ft	6.4ft
		0-40°	495.77	36.27		3.3ft	35.8	9.0ft	12.5ft
		0-60°	887.06	64.90		5.0ft	15.6	13.6ft	19.0ft
		0-80°	1149.16	84.08		6.7ft	8.68	18.2ft	25.4ft
		0-90°	1206.87	88.30		8.3ft	5.65	22.5ft	31.5ft
		0-180°	1366.71	100.00		10.0ft	3.90	27.1ft	37.9ft
						Vert. spread		107.2°	
						Horiz. spread		124.4°	

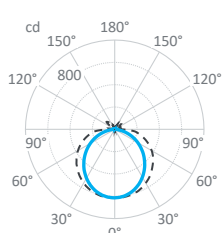
TB4-DM-35U

TB4-DM-35U		ZONE	LUMENS	% FIXTURE		DISTANCE	CENTER Fc	BEAM WIDTH	
Wattage Distribution	20W 121°	0-20°	272.64	10.73		1.7ft	255	6.0ft	6.0ft
		0-40°	975.95	38.41		3.3ft	67.7	11.6ft	11.6ft
		0-60°	1784.51	70.24		5.0ft	29.5	17.6ft	17.6ft
		0-80°	2299.76	90.52		6.7ft	16.4	23.6ft	23.6ft
		0-90°	2389.25	94.04		8.3ft	10.7	29.2ft	29.2ft
		0-180°	2540.64	100.00		10.0ft	7.37	35.2ft	35.2ft
						Vert. spread		120.8°	
						Horiz. spread		120.8°	

TB2-DM-35F

TB2-DM-35F		ZONE	LUMENS	% FIXTURE		DISTANCE	CENTER Fc	BEAM WIDTH	
Wattage Distribution	9.8W 124°	0-20°	106.43	9.72		1.7ft	100	4.7ft	9.2ft
		0-40°	376.36	34.39		3.3ft	26.6	9.1ft	17.9ft
		0-60°	689.60	63.00		5.0ft	11.6	13.8ft	27.2ft
		0-80°	918.67	83.93		6.7ft	6.45	18.4ft	36.4ft
		0-90°	974.52	89.04		8.3ft	4.20	22.8ft	45.1ft
		0-180°	1094.52	100.00		10.0ft	2.89	27.5ft	54.3ft
						Vert. spread		108.0°	
					Horiz. spread		139.6°		

TB4-DM-35F

TB4-DM-35F		ZONE	LUMENS	% FIXTURE		DISTANCE	CENTER Fc	BEAM WIDTH	
Wattage Distribution	19.8W 123°	0-20°	226.30	9.93		1.7ft	212	4.6ft	9.0ft
		0-40°	802.01	35.19		3.3ft	56.4	8.9ft	17.4ft
		0-60°	1472.94	64.64		5.0ft	24.6	13.5ft	26.4ft
		0-80°	1964.87	86.22		6.7ft	13.7	18.0ft	35.4ft
		0-90°	2079.52	91.25		8.3ft	8.91	22.4ft	43.8ft
		0-180°	2278.81	100.00		10.0ft	6.14	26.9ft	52.8ft
						Vert. spread		106.8°	
						Horiz. spread		138.5°	