

# TDX Kits

Cabinet Lighting | 3" - 18" Cabinet Depth

Project	Type
Catalog Number	

Rev # 4/6/17-1

## Description

For a quick cabinet retrofit solution US LED provides the TDX Kit on a convenient 4" extrusion. Proudly and expertly assembled in our Houston facility using only premium materials, the TDX Kit is provided as a single or double sided retrofit product. Utilizing military grade aluminum for the extrusion, the modules are secured with stainless steel screws to increase strength and rigidity. The extrusions are provided with a quick connect jumper cable, a joining connector piece and both L-clips and Z-clips for mounting simplicity and ease. You simply will not find a better performing, more robust product out there.



## Features

- Module runs off 24VDC
- IP66 rated for protection from dust and moisture
- 160° beam angle giving a wide light pattern
- Multiple mounting options for single and double faced signs
- Can be used in 3" - 18" cabinet depths
- Non-dimming operation
- 5-year warranty



## Certifications

- UL Approved (E226833)

Energy Data	Single Sided		Double Sided	
	3 / Stick	4 / Stick	3 / Stick	4 / Stick
Input Voltage (VAC)	24	24	24	24
Module Level Power (W)**	9	12	18	24
Delivered Lumens (Lm)	1,110	1,480	2,220	2,960
System Efficacy (Lm/W)	123	123	123	123
Color Temperature (K)	6500K	6500K	6500K	6500K
Color Rendering Index (CRI)	70 min	70 min	70 min	70 min
L70 Calculated Life (Hrs.)*	>200,000	>200,000	>200,000	>200,000
Ingress Protection	IP66	IP66	IP66	IP66

\* US LED product 'Lifetimes' refer only to the LED light engine, not the power source, and are based on the Illuminating Engineering Society's TM21 Calculated Lumen Maintenance methodology at a 25°C/77°F ambient temperature. The lifetimes are solely meant to be a guide for expected LED degradation and not a warranty or predictive of their actual life, which can be affected by ambient temperatures and other factors.

## Ordering Information

Series	LED's per Module	Input	Sides	Modules per Stick	Length	CCT
TX1	6	24 - 24VDC	S - Single Sided D - Double Sided	3 - 3 Mods per Stick 4 - 4 Mods per Stick 6 - 6 Mods per Double Sided Stick 8 - 8 Mods per Double Sided Stick	48 - 48"  <i>Also available in custom lengths, see chart on the back.</i>	65 - 6500K 50 - 5000K 40 - 4000K 35 - 3500K

## Power Supply and Loading Specs

	Min # of Modules	Max # of Modules	Part #
24-100W	2	27	PSA-24-100

## Module Spacing - Single and Double Faced

Distance from Face	18"	12"	10"	8"	6"	4"	3"
Spacing Row to Row	24"	24"	22"	20"	18"	12"	8"

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The following special order options are also available.

Model Number	Description	Sides	T12 Replacement Length
TX1-6-24-D-2-18-65	15.91"   2 Module   Double Sided   6500K   TDX Kit	Double	18"
TX1-6-24-S-1-18-65	15.91"   1 Module   Single Sided   6500K   TDX Kit	Single	18"
TX1-6-24-S-1-18-65	21.91"   2 Module   Double Sided   6500K   TDX Kit	Double	24"
TX1-6-24-S-1-24-65	21.91"   1 Module   Single Sided   6500K   TDX Kit	Single	24"
TX1-6-24-D-4-30-65	27.91"   4 Module   Double Sided   6500K   TDX Kit	Double	30"
TX1-6-24-S-2-30-65	27.91"   2 Module   Single Sided   6500K   TDX Kit	Single	30"
TX1-6-24-D-4-36-65	33.91"   4 Module   Double Sided   6500K   TDX Kit	Double	36"
TX1-6-24-S-2-36-65	33.91"   2 Module   Single Sided   6500K   TDX Kit	Single	36"
TX1-6-24-D-6-42-65	39.91"   6 Module   Double Sided   6500K   TDX Kit	Double	42"
TX1-6-24-S-3-42-65	39.91"   3 Module   Single Sided   6500K   TDX Kit	Single	42"
TX1-6-24-D-8-60-65	57.91"   8 Module   Double Sided   6500K   TDX Kit	Double	60"
TX1-6-24-S-4-60-65	57.91"   4 Module   Single Sided   6500K   TDX Kit	Single	60"
TX1-6-24-D-8-64-65	61.91"   8 Module   Double Sided   6500K   TDX Kit	Double	64"
TX1-6-24-S-4-64-65	61.91"   4 Module   Single Sided   6500K   TDX Kit	Single	64"
TX1-6-24-D-8-72-65	69.91"   8 Module   Double Sided   6500K   TDX Kit	Double	72"
TX1-6-24-S-4-72-65	69.91"   4 Module   Single Sided   6500K   TDX Kit	Single	72"
TX1-6-24-D-10-84-65	81.91"   10 Module   Double Sided   6500K   TDX Kit	Double	84"
TX1-6-24-S-5-84-65	81.91"   5 Module   Single Sided   6500K   TDX Kit	Single	84"
TX1-6-24-D-12-96-65	93.91"   12 Module   Double Sided   6500K   TDX Kit	Double	96"
TX1-6-24-S-6-96-65	93.91"   6 Module   Single Sided   6500K   TDX Kit	Single	96"
TX1-6-24-D-14-108-65	105.91"   14 Module   Double Sided   6500K   TDX Kit	Double	108"
TX1-6-24-S-7-108-65	105.91"   7 Module   Single Sided   6500K   TDX Kit	Single	108"
TX1-6-24-D-14-117-65	114.91"   14 Module   Double Sided   6500K   TDX Kit	Double	117"
TX1-6-24-S-7-117-65	114.91"   7 Module   Single Sided   6500K   TDX Kit	Single	117"
TX1-6-24-D-16-120-65	117.91"   16 Module   Double Sided   6500K   TDX Kit	Double	120"
TX1-6-24-S-8-120-65	117.91"   8 Module   Single Sided   6500K   TDX Kit	Single	120"

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