

Project	Type
Catalog #	

DESCRIPTION

Tandem2 is designed to replace fluorescent lamps in sign cabinet lighting applications. The sleek design, utilizing world class LEDs, delivers outstanding brightness and consistent true white color. Tandem2 features US LED's patented Quick Connect system, and is available pre-assembled in 4 foot single-sided and double-sided sections. Each section is supplied with a connector clip and L-brackets for easy installation.

FEATURES AND SPECIFICATIONS

- Unique rail design with interlocking system works with single faced and double faced cabinet applications
- Patented Quick Connect system reduces installation time, cost and potential points of failure
- Reduced maintenance costs compared to fluorescent lamps, no need to replace lamps every 18 months
- Suitable for damp locations
- Tandem2 can save up to 85% in energy costs when compared to fluorescent lamp systems
- Class 2 compliant
- 5-year warranty

CERTIFICATION

- UL Recognized (USA/Canada)
- UL Classified for retrofits (USA/Canada)
- CSA approved



Tandem2

T1 SERIES Single Sided LED Cabinet Lighting

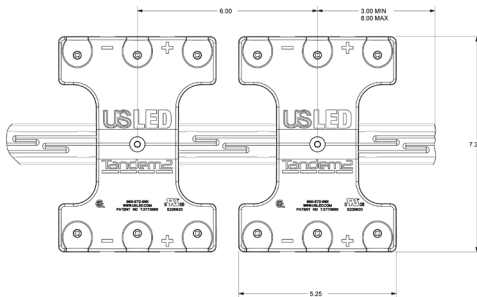


2 Modules / Foot



OUTLINE DRAWING

Dimensions are in inches.



OPERATING SPECS

Input Power (V DC)	24
Module Level Power Consumption (W/ft)	3.0
System Level Power Consumption (W/ft)*	3.4
Delivered Luminous Flux (Lm/ft)**	225
System Efficacy (Lm/W)	66
Viewing Angle	120
Correlated Color Temperature (K)	6300K
Operating Temperature	(-40) to 60 °C; (-40) to 140 °F
LED L70 Lifetime (hrs)	100,000
Nominal Stroke (in)***	15

*System power consumption, which includes power supply losses
**Estimated light output under application operating conditions
***For 7 inch deep can

ORDERING INFORMATION

Example: T1-6-24-4W

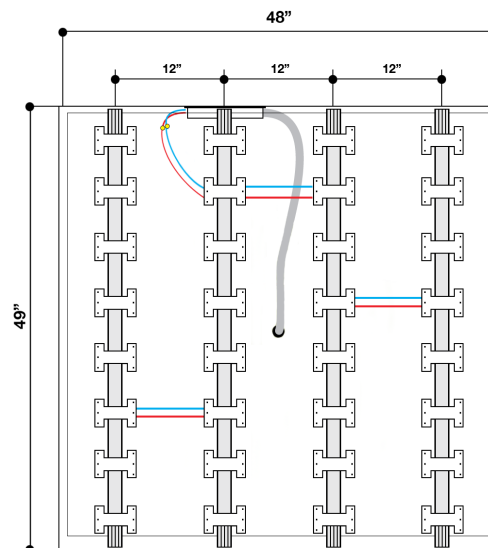
T1	6	24	4W
Series	LEDs per Module	Input Voltage	Color
T1	6	24	4W

POWER SUPPLY AND LOADING SPECS

	Min Ft	Max Ft	US LED Model Number
80W Load	4	25	PSA-24-80 (LED120A0024V33F)
100W Load	2	32	PSA-24-100 (LEDINTA0024V41FO)

PACKAGING SPECS

	4' Units	Dimensions	Weight
Inner Case	2	48.8 x 8 x 2.5 (in) 124 x 20.1 x 6.1 (cm)	10 (lb) 4.5 (kg)
Master Case	8	50 x 17.5 x 6 (in) 127 x 44.5 x 40.6 (cm)	43 (lb) 19.5 (kg)



A special clip and mounting brackets are included with each Tandem2 unit to join multiple units and to compensate for various cabinet dimensions and construction types.

Attach Quick Connect Jumper Wires to the tabs on the individual Tandem modules to jump power from one unit to the next.

