

|           |      |
|-----------|------|
| Project   | Type |
| Catalog # |      |

## DESCRIPTION

Tandem2 TDM-6-24-W is a single LED module designed to replace neon in large stroke channel letter applications. The sleek design, utilizing world class LEDs, delivers outstanding brightness and consistent true white color.



## TDM-6-24-W

Single Sided  
LED Cabinet Lighting

## FEATURES AND SPECIFICATIONS

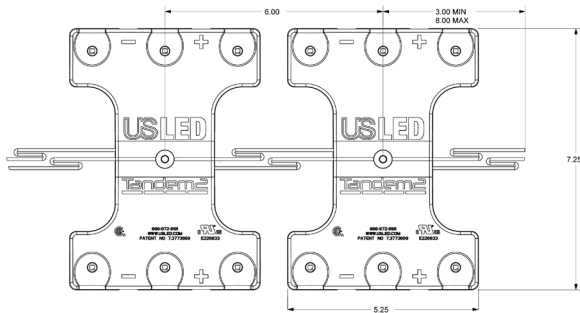
- Patented Quick Connect system reduces installation time, cost and potential points of failure
- Suitable for damp locations
- Class 2 compliant
- 5-year warranty

## CERTIFICATION

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

## OUTLINE DRAWING

Dimensions are in inches.



2 Modules / Foot



## 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)                 | > 80,000                        |
| Nominal Stroke (in)***                 | 12                              |

\*System power consumption, which includes power supply losses  
 \*\*Estimated light output under application operating conditions  
 \*\*\*For 8 inch deep can



## ORDERING INFORMATION

Example: TDM-6-24-4W

|               |                        |                      |              |
|---------------|------------------------|----------------------|--------------|
| <b>TDM</b>    | <b>6</b>               | <b>24</b>            | <b>4W</b>    |
| <b>Series</b> | <b>LEDs per Module</b> | <b>Input Voltage</b> | <b>Color</b> |
| TDM           | 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  | 44       | 98 x 8 x 9.25 (in)<br>38.6 x 20.5 x 23.5 (cm) | 10 (lb)<br>4.5 (kg)  |
| Master Case | 88       | 39.4 x 17.3 x 10 (in)<br>100 x 44 x 25.5 (cm) | 43 (lb)<br>19.5 (kg) |

Specifications and dimensions subject to change without notice.

DATASHEET 02.03.2012

