

# TD1

## Channel Letter Module

|                |      |
|----------------|------|
| Project        | Type |
| Catalog Number |      |

### Description

TD1 modules are extremely versatile LED modules made for backlighting a large variety of sign cabinets, graphic displays and channel letters. This unique LED solution provides superior brightness and uniformity in both shallow and deep signage applications. Its minimal size combined with high lumen output and light spreading optics makes the TD1 the best solution for use across multiple sign applications.



### Features

- Module runs off 12VDC or 24VDC
- 155° beam angle
- IP66 rated for protection from dust and moisture
- Designed for 3" - 12" signage depths
- 5-year warranty

### Certifications

- UL Approved (# E230624)



### Energy Data

|                                  | 2 Modules/Foot       |
|----------------------------------|----------------------|
| Input Voltage (V DC)             | 12 or 24             |
| Module Level Power (W/Foot)      | 2.7                  |
| Delivered Lumens (Lm/Foot)       | 240                  |
| Viewing Angle (°)                | 155°                 |
| Correlated Color Temperature (K) | 6500                 |
| Color Rendering Index (CRI)      | 80 min               |
| Ingress Protection               | IP66                 |
| Module Dimensions                | 2" x 0.875" x 0.312" |

*\* 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.*

### Fixture Ordering Information

Example: TD3-1-UN-65

| Series | LEDs per Module | Input Voltage | Color    |
|--------|-----------------|---------------|----------|
| TD3    | 1               | UN 12V/24V    | 65 6500K |

### Power Supply and Loading Specs

|               | Min # of Feet | Max # of Feet | US LED Model Number           |
|---------------|---------------|---------------|-------------------------------|
| 12V-60W Load  | 3             | 20            | PSA-12-60 (LED120A0012V50F)   |
| 24V-100W Load | 2             | 30            | PSA-24-100 (LEDINTA0024V41F0) |

### Module Spacing

| Distance from Face   | 12" | 11" | 10" | 9"  | 8"  | 7"  | 6"  | 5"  | 4"  | 3" |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| Single Row Spacing   | 23" | 22" | 8   | 20" | 19" | 18" | 17" | 15" | 13" | 9" |
| Multiple Row Spacing | 20" | 19" | 30  | 17" | 16" | 5"  | 14" | 12" | 11" | 7" |

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Specifications and dimensions subject to change without notice.

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