# 4.4W/ft Indoor LED Tape Light

Ambio™ E44-24 is an architectural LED Tape Light. With4.4W/ft and an industry leading 93+CRI. The product is designed to add light to coves, under cabinets and other niches while staying invisibly tucked away due to the products low profile. Factory custom cuts for hassle free projects. Standard rolls available.

## Features

- Dimmable with ELCO dimmable drivers
- 3M Tape backing for easy installation
- Available in custom cuts, 16 foot and 100 foot rolls
- Field cuttable every 4 inches
- Max run of 26 feet
- 18 LEDs per foot
- Strip width of 10mm

## Specifications

| | |
|---|---|
| **Wattage** | 4.4W |
| **Lumens** | 360 lm |
| **Voltage** | 24V |
| **Color Temp.** | 2700K - 4000K |
| **Lamp Type** | LED |
| **CRI** | 93+ |

## Dimensions



10mm 25/64"

Field cuttable every 4"    Max run of 20 feet
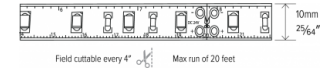
## Technical Details

**Construction:** Specification grade LED Tape light with premium 3M tape backing for architectural applications. Available in custom cuts and set rolls sizes. Custom cuts are factory cuts and packaged for hassle free projects.

**Installation:** 3M tape backing allows for quick and easy adhesion to flat surface.

**Aluminum Channels:** Compatible with ELCO: EUD31, EUD32, EUD33, EUD35, EUD36, and EUD37.

**Electrical:**
• Input Voltage: 24V
• Input Power: 4.4W/ft.

**LED Technology:**
• 18 LED's per foot, with 360 lm/ft
• Extremely accurate color rendering with 93+CRI
• Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results
• Available in various CCT options. For additional options please consult factory.

**Dimmability:** Dimmable with compatible 24V DC dimmable drivers

**Listings:** cUL Listed. RoHS Compliant. ENERGY STAR® Certified. California Title 24 JA8-2016- E.

## Product Numbers

| Item | Description | Lamp type | Lumens | CCT | Watts | Voltage |
|---|---|---|---|---|---|---|
| **E44-2427-CC** | Custom Cut | LED | 360 lm | 2700K | 4.4W | 24V |
| **E44-2430-CC** | Custom Cut | LED | 360 lm | 3000K | 4.4W | 24V |
| **E44-2435-CC** | Custom Cut | LED | 360 lm | 3500K | 4.4W | 24V |
| **E44-2440-CC** | Custom Cut | LED | 360 lm | 4000K | 4.4W | 24V |
| **E44-2427-16** | 16 ft. Reel | LED | 360 lm | 2700K | 4.4W | 24V |
| **E44-2430-16** | 16 ft. Reel | LED | 360 lm | 3000K | 4.4W | 24V |
| **E44-2435-16** | 16 ft. Reel | LED | 360 lm | 3500K | 4.4W | 24V |
| **E44-2440-16** | 16 ft. Reel | LED | 360 lm | 4000K | 4.4W | 24V |
| **E44-2427-100** | 100 ft. Reel | LED | 360 lm | 2700K | 4.4W | 24V |
| **E44-2430-100** | 100 ft. Reel | LED | 360 lm | 3000K | 4.4W | 24V |
| **E44-2435-100** | 100 ft. Reel | LED | 360 lm | 3500K | 4.4W | 24V |
| **E44-2440-100** | 100 ft. Reel | LED | 360 lm | 4000K | 4.4W | 24V |

## Product Number Builder    Example: **E44-2427-CC**

| 4.4W Indoor | - | Voltage | Color Temperature | - | Length |
|---|---|---|---|---|---|
| **E44** | | | | | |

- 

**24** 24V

**27** 2700K
**30** 3000K
**35** 3500K
**40** 4000K

- 

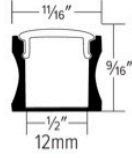**CC** Custom Cut
**16** 16 ft. Reel
**100** 100 ft. Reel
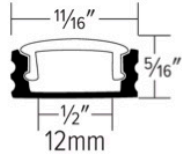
## **Aluminum** Channels



**Shallow Mount LED
Aluminum Channel**

Includes end caps, mounting clips &
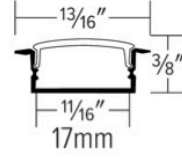lens Fits tape lights up to 12mm (½")
wide

| CAT NO. | SPECIFICATIONS |
|---------|----------------|
| EUD31-8 | 8' Channel |
| EUD31-CC | Custom Cut Channel |



**Deep Mount LED
Aluminum Channel**

Includes end caps, mounting clips
& lens. Fits tape lights up to 12mm
(½") wide
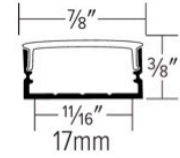
| CAT NO. | SPECIFICATIONS |
|---------|----------------|
| EUD32-8 | 8' Channel |
| EUD32-CC | Custom Cut Channel |



**Recessed Mount LED
Aluminum Channel**

Includes end caps, mounting clips
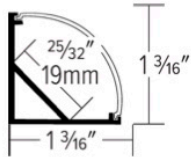& lens. Fits tape lights up to 17mm
(11⁄16") wide

| CAT NO. | SPECIFICATIONS |
|---------|----------------|
| EUD33-8 | 8' Channel |
| EUD33-CC | Custom Cut Channel |



**Surface Mount LED
Aluminum Channel**

Includes end caps, mounting clips
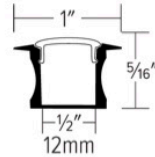& lens. Fits tape lights up to 17mm
(11⁄16") wide

| CAT NO. | SPECIFICATIONS |
|---------|----------------|
| EUD35-8 | 8' Channel |
| EUD35-CC | Custom Cut Channel |



**Round Corner Mount LED
Aluminum Channel**

Includes end caps, mounting clips
& lens. Fits tape lights up to 19mm
(25⁄32") wide

| CAT NO. | SPECIFICATIONS |
|---------|----------------|
| EUD36-8 | 8' Channel |
| EUD36-CC | Custom Cut Channel |



**Shallow Recessed Mount LED
Aluminum Channel**

Includes end caps, mounting clips
and lens. Fits tape lights up to 12mm
(1⁄2") wide

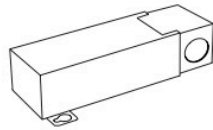| CAT NO. | SPECIFICATIONS |
|---------|----------------|
| EUD37-8 | 8' Channel |
| EUD37-CC | Custom Cut Channel |

**EL ELCO Lighting**

## LED Drivers
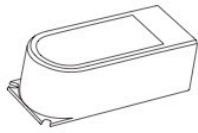
### Electronic Low Voltage Dimmable Driver

No minimum load.
24V DC Output, 120V Input

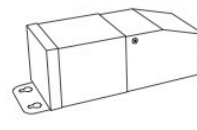| CAT NO. | SPECIFICATIONS |
|---|---|
| DRVE24V60W | 60W |

### Magnetic Low Voltage Dimmable Driver (Small)

Indoor and outdoor use.
24V DC Output, 120V Input
3 1/16" W x 1 ⅜" H x 6" L

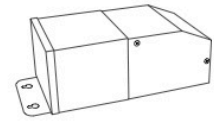| CAT NO. | SPECIFICATIONS |
|---|---|
| DRVM24V20W | 20W |
| DRVM24V40W | 40W |

### Magnetic Low Voltage Dimmable Driver (Medium)

Indoor and outdoor use.
24V DC Output, 120V Input
3 1/16" W x 2 ⅞" H x 8 ⅝" L

| CAT NO. | SPECIFICATIONS |
|---|---|
| DRVM24V60W | 60W |

### Magnetic Low Voltage Dimmable Driver (Large)

Outdoor and wall mount use only
24V DC Output, 120V Input
4 ⅛" W x 3 ⅜" H x 9 ¼" L

| CAT NO. | SPECIFICATIONS |
|---|---|
| DRVM24V100W | 100W |
| DRVM24V150W | 150W |
| DRVM24V200W | 200W |
| DRVM24V300W | 300W |

### Constant Voltage LED Driver

24V DC Output, 120V-277V Input

| CAT NO. | SPECIFICATIONS |
|---|---|
| DRV60W | 60W |
| DRV100W | 100W |

### 0-10V Dimmable Driver

24V DC Output, 120V-277V Input

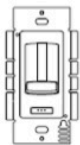| CAT NO. | SPECIFICATIONS |
|---|---|
| DRV30W-10 | 30W |
| DRV60W-10 | 60W |
| DRV96W-10 | 96W |

### Lutron™ Hi-Lume 1% LED Driver

Continuous flicker free dimming from 100% to 1%. Inrush current limiting circuitry. 120V - 277V

| CAT NO. | SPECIFICATIONS |
|---|---|
| DRVLT40W | (40W) Triac |
| DRVL340W | (40W) Lutron Ecosystem |

### Lutron™ Hi-Lume Premiere 0.1% Dimming LED Driver

Continuous flicker free dimming from 100% to 1%. Inrush current limiting circuitry. 120V - 277V

| CAT NO. | SPECIFICATIONS |
|---|---|
| DRVL396W | (96W) Lutron Ecosystem |

### Dimmer with Built-in Driver

Combinational dimmer and driver in one. Single pole preset dimmer with on/of button. 24V DC Output, 120V Input

| CAT NO. | SPECIFICATIONS |
|---|---|
| DIMTP2 | 100W |