

# UniColor Series

24VDC IP20 RGB+CCT COB LED Tape



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## 24VDC IP20 RGB+CCT COB LED Tape



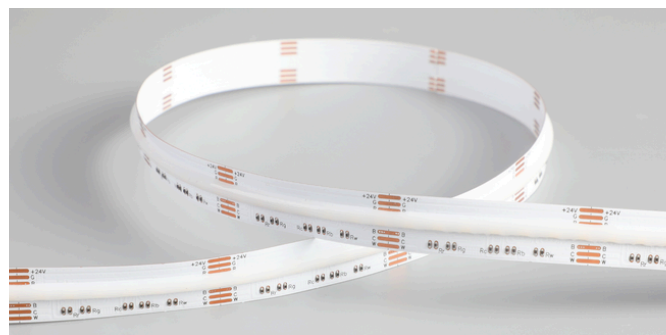
### Features

- RGB + CCT (2700K–6000K)
- Up to 220 lm/ft
- 2.2W max per foot with **Cyan / EnoSync** controllers (5.5W total all channels)
- 90° L-sections for fully lit, seamless corners (Sold separately, not included)
- Cuttable every 1.64"
- 3M adhesive backing
- Maximum run 32.8ft
- Available in 16ft and 100ft reels
- 6-year warranty

### Specifications

|                          |                        |
|--------------------------|------------------------|
| Input Voltage:           | 24VDC                  |
| Color Temperature:       | RGB + CCT (2700-6000K) |
| CRI:                     | 90+                    |
| Power:                   | 2.2W/ft.               |
| Lumens:                  | Up to 220Lm/ft         |
| Cut Length:              | 1.64" (41.67mm)        |
| Environment:             | IP20                   |
| Dimensions (W x H x L):  | 0.47" x 0.06" x 197"   |
| Maximum Run:             | 32.8ft (74W)           |
| Beam Angle:              | 150°                   |
| Lamp Life:               | 50,000                 |
| Max Ambient Temperature: | 113°F                  |
| Adhesive:                | 3M                     |

150° Beam Angle

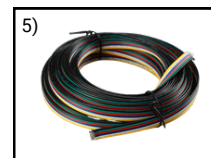
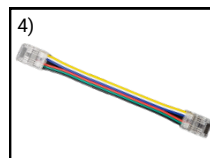
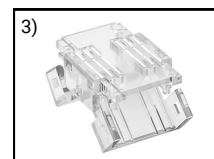
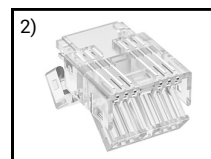
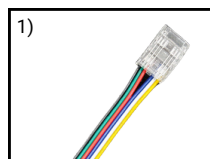


### Accessories (Included only with the 16ft tape)

| Ordering Code | Contains               |
|---------------|------------------------|
| Uni-TC-KIT    | Uni-6P-TW-72W-12 - 1pc |
|               | Uni-6P-TT-12 - 1pc     |
|               | Uni-6P-TT-6W-12 - 1pc  |

### Connectors and Wire

| Ordering Code       | Description                               |
|---------------------|-------------------------------------------|
| 1) Uni-6P-TW-72W-12 | Tape-to-wire snap connector with 72" wire |
| 2) Uni-6P-TW-12     | Tape-to-wire snap connector               |
| 3) Uni-6P-TT-12     | Tape-to-tape snap connector               |
| 4) Uni-6P-TT-6W-12  | Tape-to-tape snap connector with 6" wire  |
| 5) WS-6P-32         | 32ft, 6 Pin RGB+CCT Wire Spool            |



# UniColor Series

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### Performance Table

| Ordering Code | Length                | Max Run Length | Voltage | CCT                    | CRI | Wattage  | Lumens         | Cuttable        | IP Rating |
|---------------|-----------------------|----------------|---------|------------------------|-----|----------|----------------|-----------------|-----------|
| Uni-RGBCW-16  | 16.4ft                | 32.8ft         | 24VDC   | RGB + CCT (2700-6000K) | 90+ | 2.2W/ft. | Up to 220lm/ft | 1.64" (41.67mm) | IP20      |
| Uni-RGBCW-100 | 100ft                 | 32.8ft         | 24VDC   | RGB + CCT (2700-6000K) | 90+ | 2.2W/ft. | Up to 220lm/ft | 1.64" (41.67mm) | IP20      |
| Uni-RGBCW-LC  | Left Corner 90° Tape  |                | 24VDC   | RGB + CCT (2700-6000K) | 90+ | 2.2W/ft. | Up to 220lm/ft | NA              | IP20      |
| Uni-RGBCW-RC  | Right Corner 90° Tape |                | 24VDC   | RGB + CCT (2700-6000K) | 90+ | 2.2W/ft. | Up to 220lm/ft | NA              | IP20      |

### Photometric and Power Data

| LED Channel | Voltage | Watts/ft | Lumens   | CCT   | CRI | Wavelength |
|-------------|---------|----------|----------|-------|-----|------------|
| Warm White  | 24VDC   | 1.1W/ft. | 110lm/ft | 2700K | 90+ | -          |
| Cool White  | 24VDC   | 1.1W/ft. | 110lm/ft | 6000K | 90+ | -          |
| Red         | 24VDC   | 1.1W/ft. | -        | -     | -   | 630nm      |
| Green       | 24VDC   | 1.1W/ft. | -        | -     | -   | 530nm      |
| Blue        | 24VDC   | 1.1W/ft. | -        | -     | -   | 460nm      |

Total wattage for all channels on is 5.5W/ft max



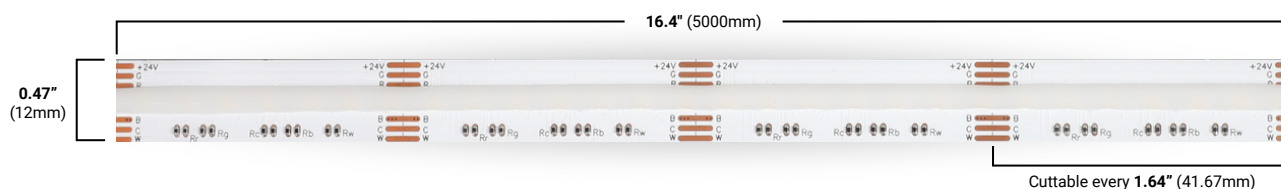
## UniColor Series

24VDC IP20 RGB+CCT COB LED Tape

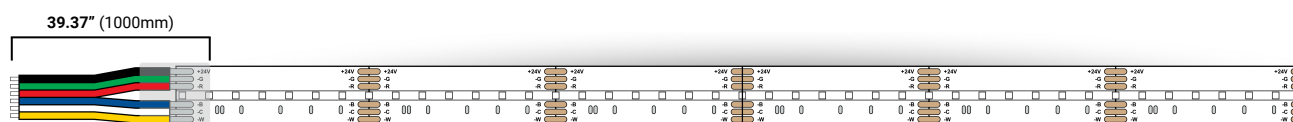


### Mechanical Diagrams

#### Uni-RGBCW-16

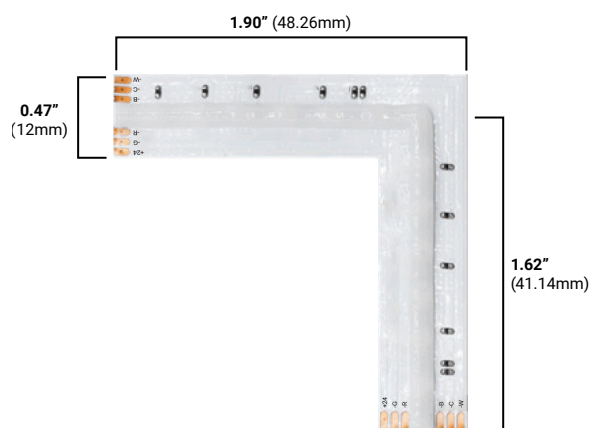


#### Connections



#### Uni-RGBCW-LC

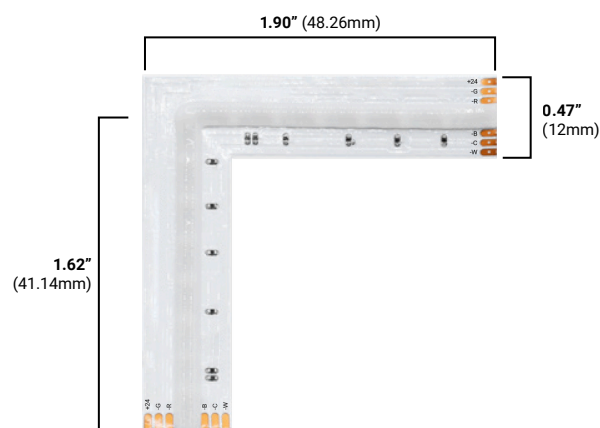
(UniColor COB LED Tape Light - Left Corner)



Sold separately, not included

#### Uni-RGBCW-RC

(UniColor COB LED Tape Light - Right Corner)



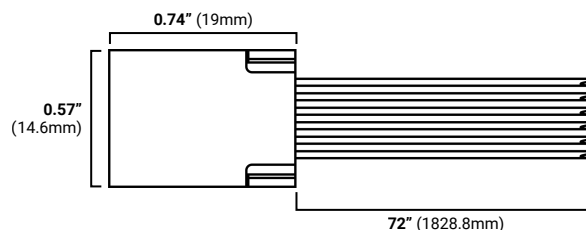
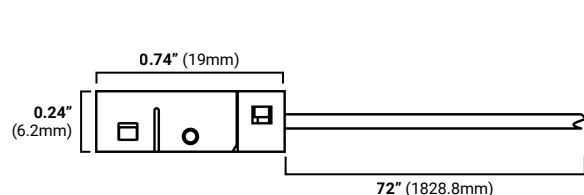
## UniColor Series

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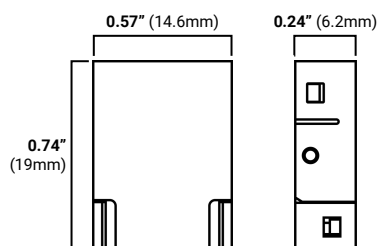
### Mechanical Diagrams

**Uni-6P-TW-72W-12** (Tape-to-wire snap connector with 72" wire)



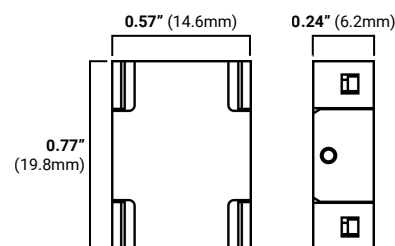
Sold separately, not included

**Uni-6P-TW-12** (Tape-to-wire snap connector)

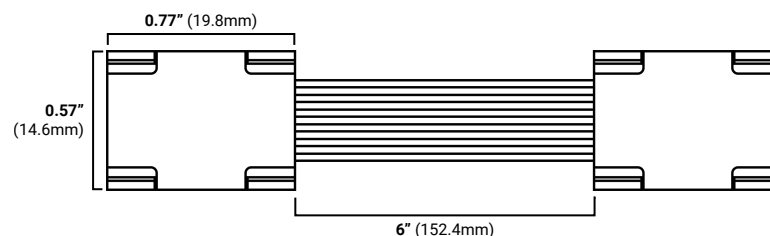
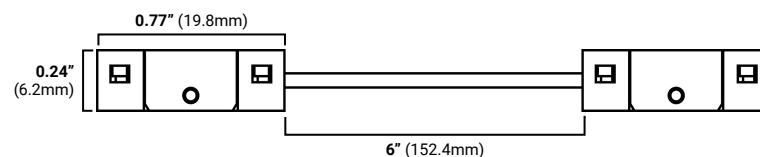


Sold separately, not included

**Uni-6P-TT-12** (Tape-to-tape snap connector)



**Uni-6P-TT-6W-12** (Tape-to-tape snap connector with 6" wire)



Sold separately, not included

## UniColor COB

24VDC IP20 RGB+CCT COB LED Tape

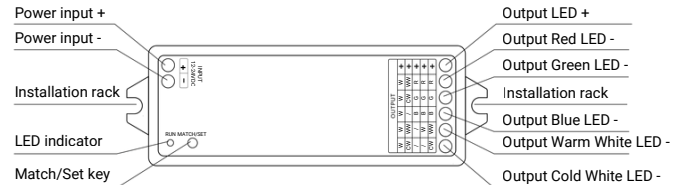


### Compatible Controllers

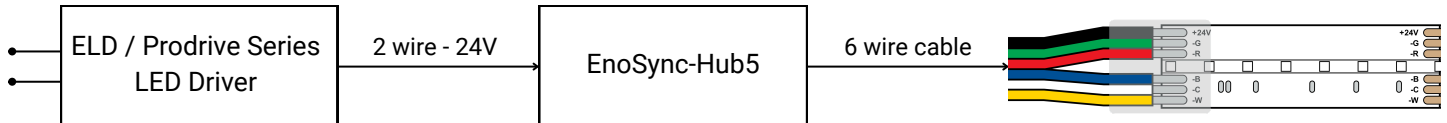
| Part Number  | Description          |
|--------------|----------------------|
| EnoSync-Hub5 | Smart LED Controller |



### User Interface



### Wiring Diagrams

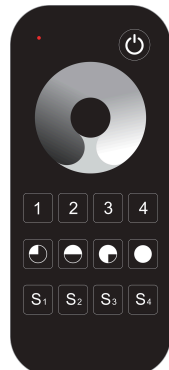


### Control Options

#### Smart Phone



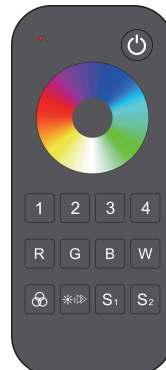
#### Compatible Remotes



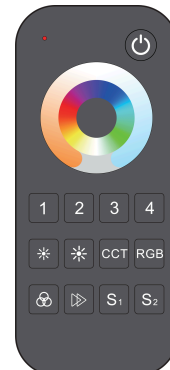
P/N: ES-RT-Z4-Dim



P/N: ES-RT-Z4-TW



P/N: ES-RT-Z4-RGBW



P/N: ES-RT-Z4-RGBCCT

## UniColor COB

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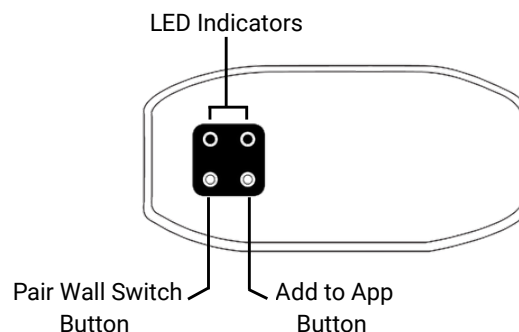


### Compatible Controllers

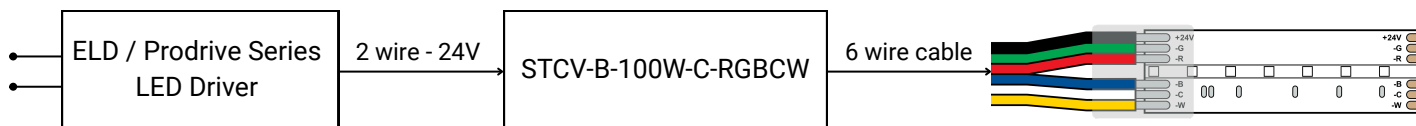
| Part Number         | Description          |
|---------------------|----------------------|
| STCV-B-100W-C-RGBCW | Smart LED Controller |



### User Interface



### Wiring Diagrams



### Control Options

Smart Life App



Compatible CyanWallSwitch



P/N: CYAN-RGBCW-SW3



# UniColor COB

## 24VDC IP20 RGB+CCT COB LED Tape



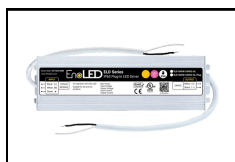
### Recommended LED Drivers

#### ELD - IP65 Non-Dim Series - Plug-in Version



| Ordering Code          | Input Voltage | Output Voltage | Max Load | Class | Environment | Dimensions            |
|------------------------|---------------|----------------|----------|-------|-------------|-----------------------|
| ELD-100W-24VDC-UL-PLUG | 120VAC        | 24VDC          | 100W     | Yes   | IP65        | 8" x 2.4" x 0.78"     |
| ELD-200W-24VDC-UL-PLUG | 120VAC        | 24VDC          | 200W     | Yes   | IP65        | 9.3" x 2.48" x 1.25"  |
| ELD-300W-24VDC-UL-PLUG | 120VAC        | 24VDC          | 300W     | Yes   | IP65        | 8.97" x 2.83" x 1.25" |

#### ELD - IP65 Non-Dim Series - Direct Wire Version



| Ordering Code     | Input Voltage | Output Voltage | Max Load | Class | Environment | Dimensions            |
|-------------------|---------------|----------------|----------|-------|-------------|-----------------------|
| ELD-100W-24VDC-UL | 120VAC        | 24VDC          | 100W     | Yes   | IP65        | 8" x 2.4" x 0.78"     |
| ELD-200W-24VDC-UL | 120VAC        | 24VDC          | 200W     | Yes   | IP65        | 9.3" x 2.48" x 1.25"  |
| ELD-300W-24VDC-UL | 120VAC        | 24VDC          | 300W     | Yes   | IP65        | 8.97" x 2.83" x 1.25" |

#### ProDrive Series - Low Profile 5-in-1 Dimmable Series



| Ordering Code     | Input Voltage | Output Voltage | Max Load | Class | Environment | Dimensions            |
|-------------------|---------------|----------------|----------|-------|-------------|-----------------------|
| ProDrive-40W-24DC | 120-277VAC    | 24VDC          | 40W      | Yes   | IP21        | 6.29" x 2.28" x 0.78" |
| ProDrive-60W-24DC | 120-277VAC    | 24VDC          | 60W      | Yes   | IP21        | 7.28" x 2.5" x 0.86"  |
| ProDrive-96W-24DC | 120-277VAC    | 24VDC          | 96W      | Yes   | IP21        | 7.28" x 2.5" x 0.86"  |

#### NanoDrive - 0-10V Dimmable Series



| Ordering Code  | Input Voltage | Output Voltage | Max Load | Class | Environment | Dimensions            |
|----------------|---------------|----------------|----------|-------|-------------|-----------------------|
| NANO-40W-24VDC | 120-277VAC    | 24VDC          | 40W      | Yes   | IP65        | 1.97" x 1.45" x 8.77" |
| NANO-60W-24VDC | 120-277VAC    | 24VDC          | 60W      | Yes   | IP65        | 1.97" x 1.45" x 8.77" |
| NANO-96W-24VDC | 120-277VAC    | 24VDC          | 96W      | Yes   | IP65        | 1.97" x 1.45" x 8.77" |

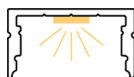
## UniColor COB

## 24VDC IP20 RGB+CCT COB LED Tape



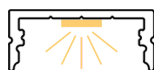
### Channel Compatibility

#### Surface Mount



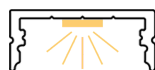
##### SL-430-S-94

**Aluminium Finish**  
Width (outside): 0.93" (23.50mm)  
Width (inside): 0.80" (20.30mm)  
Height: 0.50" (12.80mm)  
Length: 94" (2.38m)



##### SL-454-S-94

**Aluminium Finish**  
Width (outside): 0.93" (23.50mm)  
Width (inside): 0.80" (20.30mm)  
Height: 0.39" (12.80mm)  
Length: 94" (2.38m)



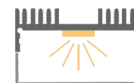
##### SL-454-B-94

**Aluminium Finish**  
Width (outside): 0.93" (23.50mm)  
Width (inside): 0.80" (20.30mm)  
Height: 0.39" (12.80mm)  
Length: 94" (2.38m)



##### SL-314-S-94

**Aluminium Finish**  
Width (outside): 0.80" (20.30mm)  
Width (inside): 0.68" (17.50mm)  
Height: 0.80" (20.30mm)  
Length: 94" (2.38m)



##### SL-331-S-94

**Aluminium Finish**  
Width (outside): 1.14" (29.00mm)  
Width (inside): 0.68" (17.50mm)  
Height: 0.88" (22.35mm)  
Length: 0.94" (2.44mm)



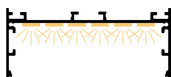
##### SL-504-S-94

**Aluminium Finish**  
Width (outside): 1.31" (33.20mm)  
Width (inside): 1.18" (30.00mm)  
Height: 0.57" (14.40mm)  
Length: 94" (2.38m)



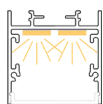
##### SL-977-S-94

**Aluminium Finish**  
Width (outside): 3.97" (100.90mm)  
Width (inside): 3.60" (91.50mm)  
Height: 1.48" (37.50mm)  
Length: 94" (2.38m)



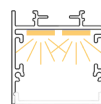
##### SL-998-S-94

**Aluminium Finish**  
Width (outside): 3.37" (85.50mm)  
Width (inside): 3.00" (76.20mm)  
Height: 1.43" (36.20mm)  
Length: 94" (2.38m)



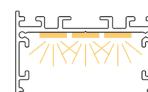
##### SL-910-S-94

**Aluminium Finish**  
Width (outside): 1.44" (36.70mm)  
Width (inside): 1.18" (30.00mm)  
Height: 1.44" (36.70mm)  
Length: 94" (2.38m)



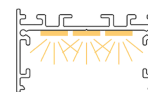
##### SL-910-B-94

**Black Finish**  
Width (outside): 1.44" (36.70mm)  
Width (inside): 1.18" (30.00mm)  
Height: 1.44" (36.70mm)  
Length: 94" (2.38m)



##### SL-928-S-94

**Aluminium Finish**  
Width (outside): 1.97" (50.00mm)  
Width (inside): 1.80" (45.72mm)  
Height: 1.16" (29.50mm)  
Length: 94" (2.38m)



##### SL-928-B-94

**Black Finish**  
Width (outside): 1.97" (50.00mm)  
Width (inside): 1.80" (45.72mm)  
Height: 1.16" (29.50mm)  
Length: 94" (2.38m)

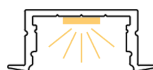
#### Corner LED Channel



##### SL-511-S-94

**Aluminium Finish**  
Width (outside): 1.18" (30mm)  
Width (inside): 0.83" (21mm)  
Height: 1.18" (30mm)  
Length: 94" (2.38m)

#### Recessed Mount



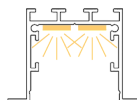
##### RL-727-S-94

**Aluminium Finish**  
Width (outside): 0.93" (23.50mm)  
Width (inside): 0.80" (20.30mm)  
Height: 0.50" (12.80mm)  
Length: 94" (2.38m)



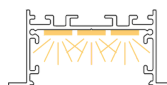
##### RL-778-S-94

**Aluminium Finish**  
Width (outside): 1.31" (33.20mm)  
Width (inside): 1.18" (30.00mm)  
Height: 0.57" (14.40mm)  
Length: 94" (2.38m)



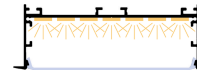
##### RL-809-S-94

**Aluminium Finish**  
Width (outside): 1.43" (36.30mm)  
Width (inside): 1.30" (33.10mm)  
Height: 1.38" (35.00mm)  
Length: 94" (2.38m)



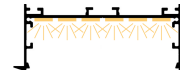
##### RL-851-S-94

**Aluminium Finish**  
Width (outside): 2.52" (64.00mm)  
Width (inside): 1.57" (40.00mm)  
Height: 1.16" (29.50mm)  
Length: 94" (2.38m)



##### RL-977-S-94

**Aluminium Finish**  
Width (outside): 4.44" (112.8mm)  
Width (inside): 3.60" (91.50mm)  
Height: 1.48" (37.50mm)  
Length: 94" (2.38m)



##### RL-873-S-94

**Aluminium Finish**  
Width (outside): 3.83" (97.40mm)  
Width (inside): 3.00" (76.20mm)  
Height: 1.43" (36.40mm)  
Length: 94" (2.38m)

#### Trimless Mud-In



##### TL-041-S-94

**Aluminium Finish**  
Width (outside): 0.93" (23.50mm)  
Width (inside): 0.80" (20.50mm)  
Height: 0.61" (15.50mm)  
Length: 94" (2.38m)



##### TL-066-S-94

**Aluminium Finish**  
Width (outside): 1.44" (36.70mm)  
Width (inside): 1.18" (30.00mm)  
Height: 0.61" (15.50mm)  
Length: 94" (2.38m)



##### TL-071-S-94

**Aluminium Finish**  
Width (outside): 1.97" (50.00mm)  
Width (inside): 1.77" (45.00mm)  
Height: 0.61" (15.50mm)  
Length: 94" (2.38m)



##### TL-539-S-94

**Aluminium Finish**  
Width (outside): 1.70" (43.30mm)  
Width (inside): 0.59" (15mm)  
Height: 3.94" (100.2mm)  
Length: 94" (2.38m)