EnoLED

Specification Sheet

# MaxCut Series

## 24V, 8mm, Cut any Length COB LED Tape

c UL us LISTED

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# **Max**Cut **Series**

## 24V, 8mm, Cut any Length COB LED Tape

## Features

- Cut to any length with no fixed segment spacing, enabling precise fit and seamless integration for custom installations
- Uniform illumination ideal for low-clearance areas
- 90+ CRI (color rendering index)
- Color temperatures from 2700K to 5000K
- Up to 286 lumens per foot
- Dimming options: Incandescent, CLF, LED, MLV, ELV, 0-10V, dimmer switch / wireless app & wall switch
- Red 3M VHB adhesive backing
- UL Listed Class 2 certified
- Available in 16ft and 100ft reels

## Specifications

**Available Color Temperatures:**

2700K 3000K 3500K 4000K 5000K

| | |
|---|---|
| **Input voltage:** | 24VDC |
| **CRI:** | 90+ |
| **Power:** | 3.3W/ft |
| **Lumens:** | 251lm/ft - 286lm/ft |
| **Cut Length:** | Any Length |
| **Environment:** | IP20 |
| **Dimensions (W x H):** | 0.31” x 0.06” (8mm x 1.6mm) |
| **Beam Angle:** | 145° |
| **Maximum run:** | 32.8ft (98.4 Watts) |
| **Lamp Life:** | 50,000 Hours |
| **Adhesive:** | 3M |
| **Warranty:** | 6 years |
| **Dimming Control:** | • Incandescent • CFL/LED • MLV • ELV • 0-10V |

**145° Beam Angle**

## Included Accessories

| Ordering Code | Description |
|---|---|
| ENO-SC-TKIT-8 | 1. 72" Wire to Tape screw connector 0.31” (8mm)<br>2. Tape to Tape screw connector 0.31” (8mm) |

## Connectors and Wire

| Ordering Code | Description |
|---|---|
| 1) ENO-SC-TT-8 | 0.31” (8mm) Tape to tape screw connectors |
| 2) ENO-SC-TW-8 | 0.31” (8mm) Tape to wire screw connectors |
| 3) ENO-SC-LL-8 | 0.31” (8mm) L Shape 90° screw connectors |
| 4) ENO-SC-TW-72W-8 | 0.31” (8mm) Tape to wire screw connectors with a 72" lead wire |
| 5) WS-2P-15 | 15ft 2 Pin 15ft Wire Spool |
| 6) WS-2P-250 | 250ft 2 Pin 250ft Wire Spool |

1)

2)

3)

4)

5)

6)

# **Max**Cut **Series**

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## Performance Table

| Ordering Code | Length | Max Run Length | Voltage | CCT | CRI | Wattage | Lumens | Cuttable | IP Rating |
|---|---|---|---|---|---|---|---|---|---|
| **MaxCut Series** | | | | | | | | | |
| MaxCut-27-16 | 16.4ft | 32.8ft | 24VDC | 2700K | 90+ | 3.3W/ft | 251lm/ft | Any Length | IP20 |
| MaxCut-30-16 | 16.4ft | 32.8ft | 24VDC | 3000K | 90+ | 3.3W/ft | 262lm/ft | Any Length | IP20 |
| MaxCut-35-16 | 16.4ft | 32.8ft | 24VDC | 3500K | 90+ | 3.3W/ft | 262lm/ft | Any Length | IP20 |
| MaxCut-40-16 | 16.4ft | 32.8ft | 24VDC | 4000K | 90+ | 3.3W/ft | 286lm/ft | Any Length | IP20 |
| MaxCut-50-16 | 16.4ft | 32.8ft | 24VDC | 5000K | 90+ | 3.3W/ft | 280lm/ft | Any Length | IP20 |
| MaxCut-27-100 | 100ft | 32.8ft | 24VDC | 2700K | 90+ | 3.3W/ft | 251lm/ft | Any Length | IP20 |
| MaxCut-30-100 | 100ft | 32.8ft | 24VDC | 3000K | 90+ | 3.3W/ft | 262lm/ft | Any Length | IP20 |
| MaxCut-35-100 | 100ft | 32.8ft | 24VDC | 3500K | 90+ | 3.3W/ft | 262lm/ft | Any Length | IP20 |
| MaxCut-40-100 | 100ft | 32.8ft | 24VDC | 4000K | 90+ | 3.3W/ft | 286lm/ft | Any Length | IP20 |
| MaxCut-50-100 | 100ft | 32.8ft | 24VDC | 5000K | 90+ | 3.3W/ft | 280lm/ft | Any Length | IP20 |

## Mechanical Diagrams

**Cut at any length**

**Connections**

**145° Beam Angle**

# **Max**Cut **Series**

## 24V, 8mm, Cut any Length COB LED Tape

## Channel Compatibility

### Surface Mount

**SL-103-S-94**
**Aluminium Finish**
Width (outside): 0.59" (14.90mm)
Width (inside): 0.50" (12.70mm)
Height: 0.27" (6.86mm)
Length: 94" (2.38m)

**SL-118-S-94**
**Aluminium Finish**
Width (outside): 0.66" (16.70mm)
Width (inside): 0.48" (12.30mm)
Height: 0.31" (8.00mm)
Length: 94" (2.38m)

**SL-118-B-94**
**Black Finish**
Width (outside): 0.66" (16.70mm)
Width (inside): 0.48" (12.30mm)
Height: 0.31" (8.00mm)
Length: 94" (2.38m)

**SL-118-BB-94**
**Black Finish**
Width (outside): 0.66" (16.70mm)
Width (inside): 0.48" (12.30mm)
Height: 0.31" (8.00mm)
Length: 94" (2.38m)

**SL-179-S-94**
**Aluminium Finish**
Width (outside): 0.66" (16.70mm)
Width (inside): 0.48" (12.30mm)
Height: 0.60" (15.30mm)
Length: 94" (2.38m)

**SL-179-B-94**
**Black Finish**
Width (outside): 0.66" (16.70mm)
Width (inside): 0.48" (12.30mm)
Height: 0.60" (15.30mm)
Length: 94" (2.38m)

**SL-179-BB-94**
**Black Finish**
Width (outside): 0.66" (16.70mm)
Width (inside): 0.48" (12.30mm)
Height: 0.60" (15.30mm)
Length: 94" (2.38m)

**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-214-S-94**
**Aluminium Finish**
Width (outside): 0.64" (16.30mm)
Width (inside): 0.44" (11.00mm)
Height: 0.64" (16.30mm)
Length: 94" (2.38m)

**SL-267-S-94**
**Aluminium Finish**
Width (outside): 0.69" (17.70mm)
Width (inside): 0.47" (12.10mm)
Height: 0.69" (17.70mm)
Length: 94" (2.38m)

**SL-511-S-94**
**Aluminium Finish**
Width (outside): 1.18" (30mm)
Width (inside): 0.83" (21mm)
Height: 1.18" (30mm)
Length: 94" (2.38m)

# **Max**Cut **Series**

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## Channel Compatibility

### Recessed Mount

**RL-601-S-94**
**Aluminium Finish**
Width (outside): 0.91" (23.00mm)
Width (inside): 0.48" (12.30mm)
Height: 0.31" (8.00mm)
Length: 94" (2.38m)

**RL-601-B-94**
**Aluminium Finish**
Width (outside): 0.91" (23.00mm)
Width (inside): 0.48" (12.30mm)
Height: 0.31" (8.00mm)
Length: 94" (2.38m)

**RL-601-BB-94**
**Aluminium Finish**
Width (outside): 0.91" (23.00mm)
Width (inside): 0.48" (12.30mm)
Height: 0.31" (8.00mm)
Length: 94" (2.38m)

**RL-615-S-94**
**Aluminium Finish**
Width (outside): 0.91 (23.00mm)
Width (inside): 0.48" (12.30mm)
Height: 0.57" (14.50mm)
Length: 94" (2.38m)

**RL-727-S-94**
**Aluminium Finish**
Width (outside): 1.20" (30.60mm)
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**
**Aluminum 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**
**Aluminum 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**
**Aluminum 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**
**Aluminum 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-029-S-94**
**Aluminium Finish**
Width (outside): 0.66" (16.70mm)
Width (inside): 0.48" (12.30mm)
Height: 0.61" (15.50mm)
Length: 94" (2.38m)

**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-301-S-94**
**Aluminium Finish**
Width (outside): 0.61" (15.50mm)
Width (inside): 0.48" (12.30mm)
Height: 4.68" (119mm)
Length: 94" (2.38m)

**TL-401-S-94**
**Aluminium Finish**
Width (outside): 0.73" (18.50mm)
Width (inside): 0.48" (12.30mm)
Height: 3.80" (96.50mm)
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)

# **Max**Cut **Series**

## 24V, 8mm, Cut any Length COB LED Tape

## Recommended 24V LED Drivers

### Phase Cut Dimmable (Incandescent / CLF / LED / MLV / ELV)

**XRD** Series - Phase Cut Dimmable with Built-In J-box

| Ordering Code | Input Voltage | Output Voltage | Max Load | Class | Environment | Dimensions |
|---|---|---|---|---|---|---|
| XRD-40W-24VDC | 120VAC | 24VDC | 40W | Yes | IP21 | 6.20” x 1.85” x 1.35” |
| XRD-60W-24VDC | 120VAC | 24VDC | 60W | Yes | IP21 | 6.20” x 1.85” x 1.35” |
| XRD-75W-24VDC | 120VAC | 24VDC | 75W | Yes | IP21 | 6.20” x 1.85” x 1.35” |
| XRD-96W-24VDC | 120VAC | 24VDC | 96W | Yes | IP21 | 6.20” x 1.85” x 1.35” |

**MX1** Series - High Power, Phase Cut Dimmable

| Ordering Code | Input Voltage | Output Voltage | Max Load | Class | Environment | Dimensions |
|---|---|---|---|---|---|---|
| MX1-150W-24VDC | 120VAC | 24VDC | 150W | Yes | IP65 | 6.57” x 3.85” x 1.64” |
| MX1-200W-24VDC | 120VAC | 24VDC | 200W | Yes | IP65 | 6.57” x 3.85” x 1.64” |
| MX1-300W-24VDC | 120VAC | 24VDC | 300W | Yes | IP65 | 6.57” x 3.85” x 1.64” |

**MX2** Series - Multi Output, Class 2, Phase Cut Dimmable

| Ordering Code | Input Voltage | Output Voltage | Max Load | Class | Environment | Dimensions |
|---|---|---|---|---|---|---|
| MX2-192W-24VDC | 120VAC | 24VDC | 96W x 2 | Yes | IP65 | 7.79" x 3.22" x 1.64" |
| MX2-288W-24VDC | 120VAC | 24VDC | 96W x 3 | Yes | IP65 | 10.98" x 3.22" x 1.64" |

**MRD** Series - Phase Cut Dimmable Series

| Ordering Code | Input Voltage | Output Voltage | Max Load | Class | Environment | Dimensions |
|---|---|---|---|---|---|---|
| MRD-40W-24VDC | 120VAC | 24VDC | 40W | Yes | IP21 | 3.31” x 1.57” x 0.98” |
| MRD-60W-24VDC | 120VAC | 24VDC | 60W | Yes | IP21 | 3.31” x 1.57” x 0.98” |
| MRD-75W-24VDC | 120VAC | 24VDC | 75W | Yes | IP21 | 3.31” x 1.57” x 0.98” |
| MRD-96W-24VDC | 120VAC | 24VDC | 96W | Yes | IP21 | 3.31” x 1.57” x 0.98” |

**Pro**Drive 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" |

# **Max**Cut **Series**

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## Recommended 24V LED Drivers

### 0-10V Dimmable

**NanoDrive 0-10V Dimmable LED Driver 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” |

### Non-Dimmable

**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" |