UniBasic COB

24VDC Performance and Value
COB LED Tape Light



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Features

- Uniform illumination ideal for low-clearance areas
- 90+ CRI (color rendering index)
- Color temperatures from 2700K to 5000K
- Up to 347 lumens per foot
- Dimming options: Incandescent, CLF, LED, MLV, ELV, 0-10V, dimmer switch / wireless app & wall switch
- Cuttable every 1.97” (50 mm)
- Red 3M VHB adhesive backing
- UL Listed Class 2 certified
- Available in 16ft and 100ft reels

Control Options

- Phase Cut Dimming (AC side)
- 0-10V
- Wireless App & Switch

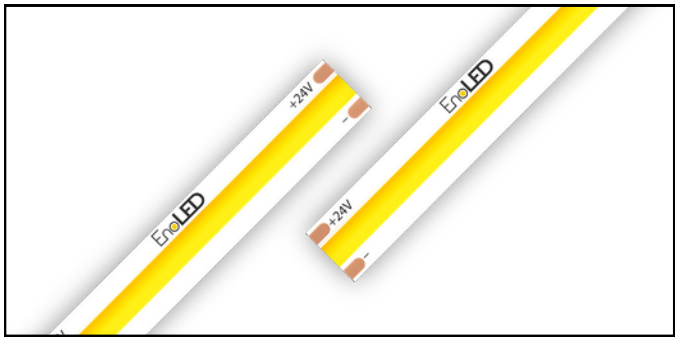
Specifications

Available Color Temperatures:

2700K 3000K 3500K 4000K 5000K

Input voltage:	24VDC
CRI:	90+
Power:	3W/ft
Lumens:	293lm/ft - 347lm/ft
Cut Length:	1.97” (50 mm)
Environment:	IP20
Dimensions (W x H):	0.39” x 0.05”
Beam Angle:	180°
Maximum run:	32.8ft (98.4 Watts)
Lamp Life:	50,000 Hours
Operating Temp:	-4°F to 113°F (-20°C to 45°C)
Adhesive:	3M
Warranty:	6 years
Dimming Control:	• Incandescent • CFL/LED • MLV • ELV • 0-10V • Dimmer switch / wireless app & wall switch.

180° Beam Angle



Accessories (Included only with the 16ft tape)

Ordering Code
ENO-SC-TKIT-10

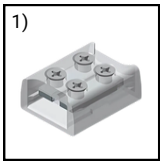
Description

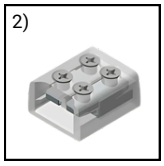
1. 72" Wire to Tape screw connector 0.39” (10mm)
2. Tape to Tape screw connector 0.39” (10mm)

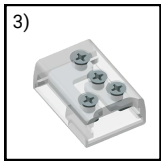


Connectors and Wire

Ordering Code	Description
1) ENO-SC-TT-10	0.39” (10mm) Tape to tape screw connectors
2) ENO-SC-TW-10	0.39” (10mm) Tape to wire screw connectors
3) ENO-SC-LL-10	0.39” (10mm) L Shape 90° screw connectors
4) ENO-SC-TW-72W-10	0.39” (10mm) 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

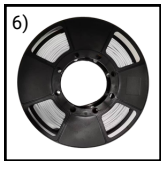












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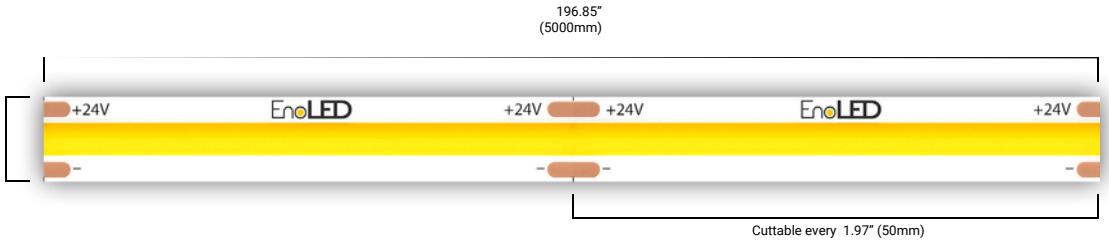
24VDC Performance and Value COB LED Tape Light

Performance Table

Ordering Code	Length	Voltage	CCT	CRI	Wattage	Lumens	Cuttable	IP Rating
UniBasic								
UniBasic-27-16	16.4ft	24VDC	2700K	90+	3W/ft	293lm/ft	1.97”	IP20
UniBasic-30-16	16.4ft	24VDC	3000K	90+	3W/ft	314lm/ft	1.97”	IP20
UniBasic-35-16	16.4ft	24VDC	3500K	90+	3W/ft	329lm/ft	1.97”	IP20
UniBasic-40-16	16.4ft	24VDC	4000K	90+	3W/ft	347lm/ft	1.97”	IP20
UniBasic-50-16	16.4ft	24VDC	5000K	90+	3W/ft	345lm/ft	1.97”	IP20
UniBasic-27-100	100ft	24VDC	2700K	90+	3W/ft	293lm/ft	1.97”	IP20
UniBasic-30-100	100ft	24VDC	3000K	90+	3W/ft	314lm/ft	1.97”	IP20
UniBasic-35-100	100ft	24VDC	3500K	90+	3W/ft	329lm/ft	1.97”	IP20
UniBasic-40-100	100ft	24VDC	4000K	90+	3W/ft	347lm/ft	1.97”	IP20
UniBasic-50-100	100ft	24VDC	5000K	90+	3W/ft	345lm/ft	1.97”	IP20

Mechanical Diagrams

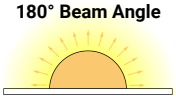
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Connections



180° Beam Angle



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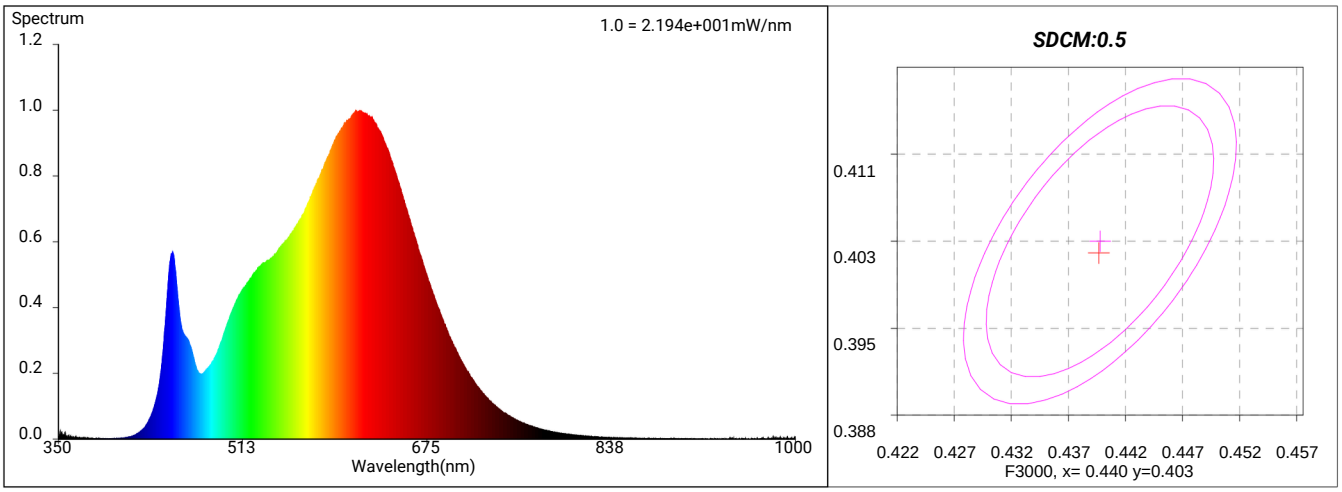
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Spectrum Test Report

Test Condition

Temperature	WL Range Test	Mode	RH	IP	T	Sensitivity
25.3 °C	350nm-1000nm	Fast Test	65.0%	54625 (83%)	254 ms	High

Spectrum Test Condition



Colorimetric Parameters

Chromaticity x	Chromaticity y	Chromaticity u'	Chromaticity v'	Duv	CCT	Ld	Purity	Peak Wavelength (Lp)
0.4399	0.402	0.2534	0.521	-1.23E-03	2933 K	583.5 nm	52.7%	612 nm

FWHM	Red Ratio	Green Ratio	Blue Ratio	Ra	CRI	TM-30 Rf	TM-30 Rg
153.3 nm	24.6%	72.6%	2.8%	91.6	88.6	91	100

R1	R2	R3	R4	R5	R6	R7	R8
91.6	96	98	92	92	96	90	77

R9	R10	R11	R12	R13	R14	R15	TLCI
50	91	93	83	93	99	87	87.0

Photometric & Radiometric Parameters

Flux	Eff.	Fe	EQE	Kred
1070.9 lm	107.71 lm/W	3.6444 W	419.53%	0.16593

Electrical Parameters

V	I	P	PF	Freq
24V	0.4143 A	9.942 W	1.000	0.00 Hz

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24VDC Performance and Value COB LED Tape Light

Recommended Channels

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)



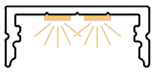
SL-179-B-94
Black Finish
Width (outside): 0.66" (16.70mm)
Width (inside): 0.48" (12.30mm)
Height: 0.60" (15.30mm)
Length: 94" (2.38m)



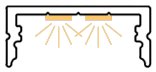
SL-179-BB-94
Black Finish
Width (outside): 0.66" (16.70mm)
Width (inside): 0.48" (12.30mm)
Height: 0.60" (15.30mm)
Length: 94" (2.38m)



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)



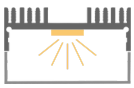
SL-454-S-94
Aluminium Finish
Width (outside): 0.93" (23.50mm)
Width (inside): 0.80" (20.30mm)
Height: 0.39" (12.80mm)
Length: 94" (2.38m)



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)



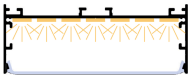
SL-314-S-94
Aluminium Finish
Width (outside): 0.80" (20.30mm)
Width (inside): 0.68" (17.50mm)
Height: 0.80" (20.30mm)
Length: 94" (2.38m)



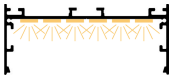
SL-331-S-94
Aluminium Finish
Width (outside): 1.14 (29.00mm)
Width (inside): 0.68" (17.50mm)
Height: 0.88" (22.35mm)
Length: 0.94" (2.44mm)



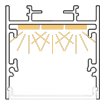
SL-504-S-94
Aluminium Finish
Width (outside): 1.31" (33.20mm)
Width (inside): 1.18" (30.00mm)
Height: 0.57" (14.40mm)
Length: 94" (2.38m)



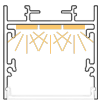
SL-977-S-94
Aluminium Finish
Width (outside): 3.97" (100.90mm)
Width (inside): 3.60" (91.50mm)
Height: 1.48" (37.50mm)
Length: 94" (2.38m)



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)



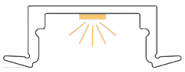
SL-511-S-94
Aluminium Finish
Width (outside): 1.18" (30mm)
Width (inside): 0.83" (21mm)
Height: 1.18" (30mm)
Length: 94" (2.38m)

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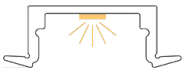
24VDC Performance and Value COB LED Tape Light

Recommended Channels

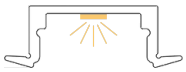
Recessed Mount



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)



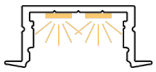
RL-601-B-94
Aluminium Finish
Width (outside): 0.91" (23.00mm)
Width (inside): 0.48" (12.30mm)
Height: 0.31" (8.00mm)
Length: 94" (2.38m)



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)



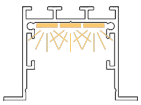
RL-615-S-94
Aluminium Finish
Width (outside): 0.91 (23.00mm)
Width (inside): 0.48" (12.30mm)
Height: 0.57" (14.50mm)
Length: 94" (2.38m)



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)



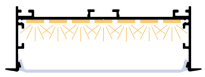
RL-778-S-94
Aluminium Finish
Width (outside): 1.31" (33.20mm)
Width (inside): 1.18" (30.00mm)
Height: 0.57" (14.40mm)
Length: 94" (2.38m)



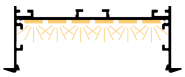
RL-809-S-94
Aluminum Finish
Width (outside): 1.43" (36.30mm)
Width (inside): 1.30" (33.10mm)
Height: 1.38" (35.00mm)
Length: 94" (2.38m)



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)



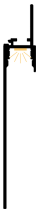
TL-041-S-94
Aluminium Finish
Width (outside): 0.93" (23.50mm)
Width (inside): 0.80" (20.50mm)
Height: 0.61" (15.50mm)
Length: 94" (2.38m)



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)

UniBasic COB

24VDC Performance and Value COB LED Tape Light

Recommended 24V LED Drivers

Dimmable

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"

ProDrive Series - Low Profile Universal 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"

JPro Series - Universal 5-in-1 Dimmable Series



Ordering Code	Input Voltage	Output Voltage	Max Load	Class	Environment	Dimensions
JPro-96W-24VDC	120-277VAC	24VDC	96W	Yes	IP65	8.91" x 4.62" x 1.67"
JPro-200W-24VDC	120-277VAC	24VDC	200W	No	IP65	10" x 5.19" x 1.67"
JPro-300W-24VDC	120-277VAC	24VDC	300W	No	IP65	11.37" x 5.19" x 1.92"

NanoDrive Series - 0-10V Dimmable



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"

UniBasic COB

24VDC Performance and Value COB LED Tape Light

Recommended 24V LED Drivers

Driver & Dimmer Switch

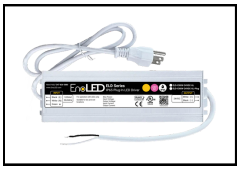
EnoDim Series - Driver & Dimmer Switch



Ordering Code	Input Voltage	Output Voltage	Max Load	Class	Environment	Dimensions
EnoDim-96-24-D-W	120VAC	24VDC	96W	No	IP20	4.134" x 2.126" x 1.996"
EnoDim-160-24-D-W	120VAC	24VDC	160W	No	IP20	4.134" x 2.126" x 2.047"

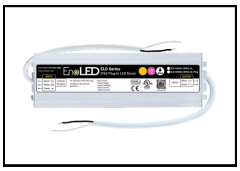
Non-Dimmable

ELD - 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 - 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"

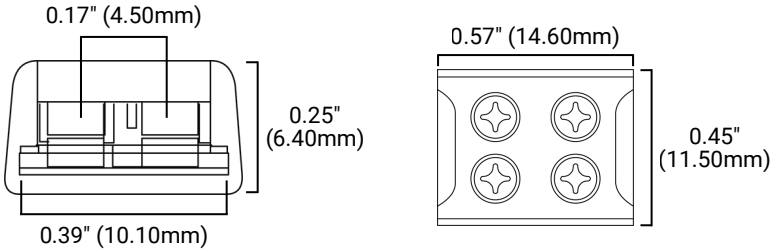
UniBasic COB

24VDC Performance and Value COB LED Tape Light

Connector Overview

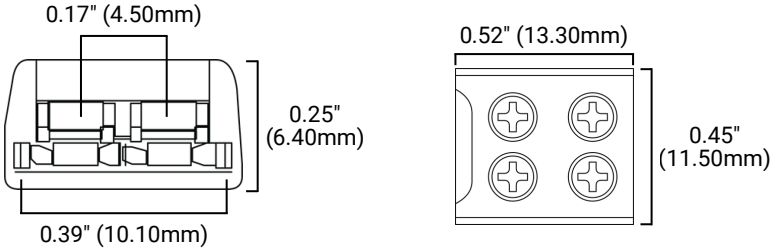
10mm Tape to Tape Connectors

P/N: ENO-SC-TT-10



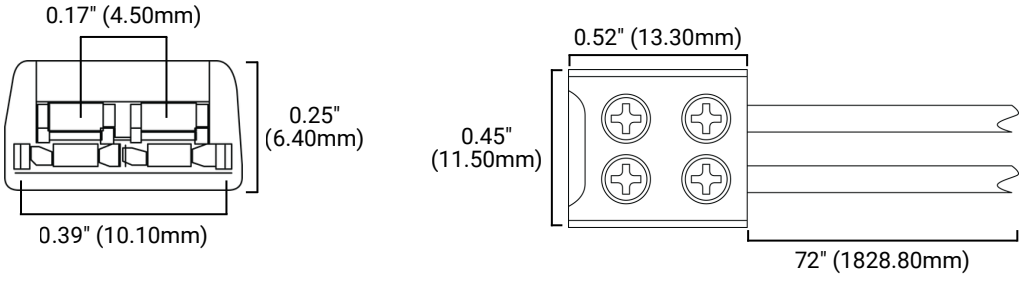
10mm Tape to Wire Connectors

P/N: ENO-SC-TW-10



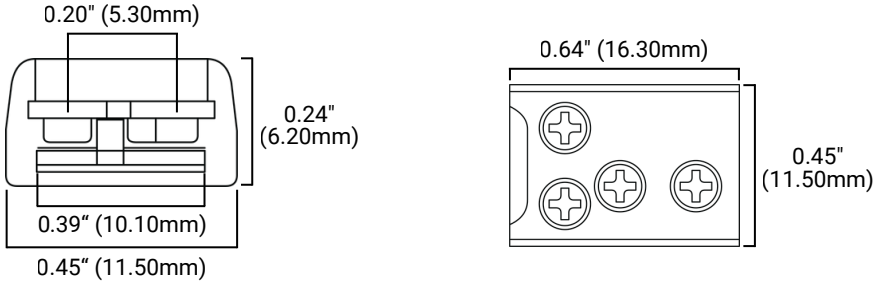
10mm Tape to Wire Connectors with a 72" lead wire

P/N: ENO-SC-TW-72W-10



10mm Tape to Tape 90° Connector

P/N: ENO-SC-LL-10



Ver. 102726