EnoLED

Specification Sheet

Dim-to-Warm COB

24VDC Performance COB LED Tape Light

c UL us LISTED



Dim-to-Warm COB

24VDC Performance COB LED Tape Light

Features

- Smoothly warms from 3000K to 1800K as it dims
- Soft, uniform COB illumination
- 90+ CRI (color rendering index)
- 320 lumens per foot at 3000K
- Simple two-wire dimming with a compatible PWM-output LED driver
- Thin, flexible design for low-clearance areas
- Cuttable every 1.97” (50 mm)
- 3M adhesive backing

Control Options

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

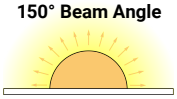
Specifications

Color Temperatures:

3000K **1800K**

Input voltage:	24VDC
CRI:	90+
Power:	4.27W/ft
Lumens:	Up to 320 lm/ft
Cut Length:	1.97” (50 mm)
Environment:	IP20
Dimensions (W x H):	0.39” × 0.06” (10mm × 1.5mm)
Beam Angle:	150°
Maximum run:	32.8ft (140W)
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

150° Beam Angle





Accessories (Included only with the 16ft tape)

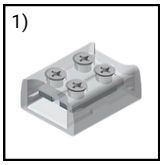
Ordering Code
ENO-SC-TKIT-10

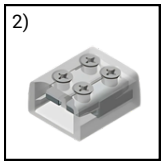
Description
1. 72" Wire to Tape screw connector 0.39” (10mm) 2. Tape to Tape screw connector 0.39” (10mm)

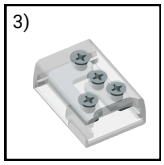


Connectors and Wire

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













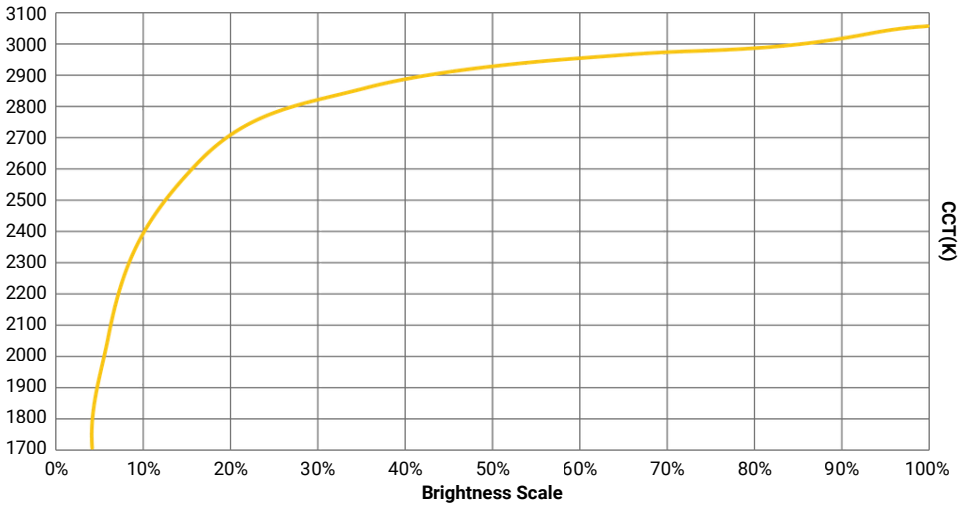
Dim-to-Warm COB

24VDC Performance COB LED Tape Light

Performance Table

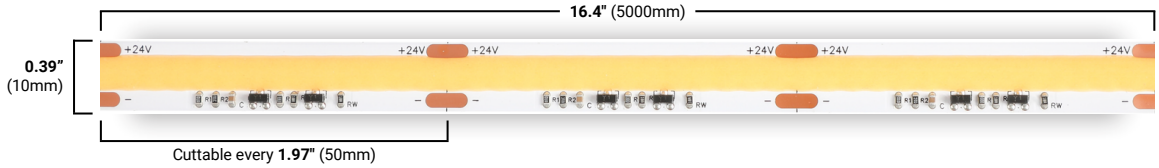
Ordering Code	Length	Voltage	CCT	CRI	Wattage	Lumens	Cuttable	IP Rating
Dim-to-Warm								
WarmDim-16	16.4ft	24VDC	1800K-3000K	90+	4.27W/ft	Up to 320 lm/ft	1.97”	IP20
WarmDim-100	100ft	24VDC	1800K-3000K	90+	4.27W/ft	Up to 320 lm/ft	1.97”	IP20

Dimming Curve Demonstration

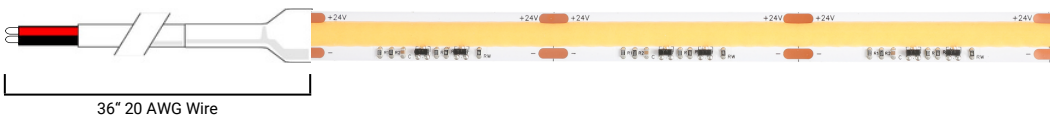


Mechanical Diagrams

Dim-to-Warm COB



Connections



Dim-to-Warm COB

24VDC Performance 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)



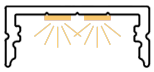
SL-179-B-94
Black Finish
Width (outside): 0.66" (16.70mm)
Width (inside): 0.48" (12.30mm)
Height: 0.60" (15.30mm)
Length: 94" (2.38m)



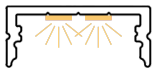
SL-179-BB-94
Black Finish
Width (outside): 0.66" (16.70mm)
Width (inside): 0.48" (12.30mm)
Height: 0.60" (15.30mm)
Length: 94" (2.38m)



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)



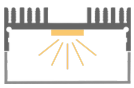
SL-454-S-94
Aluminium Finish
Width (outside): 0.93" (23.50mm)
Width (inside): 0.80" (20.30mm)
Height: 0.39" (12.80mm)
Length: 94" (2.38m)



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)



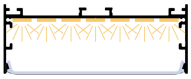
SL-314-S-94
Aluminium Finish
Width (outside): 0.80" (20.30mm)
Width (inside): 0.68" (17.50mm)
Height: 0.80" (20.30mm)
Length: 94" (2.38m)



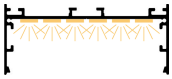
SL-331-S-94
Aluminium Finish
Width (outside): 1.14 (29.00mm)
Width (inside): 0.68" (17.50mm)
Height: 0.88" (22.35mm)
Length: 0.94" (2.44mm)



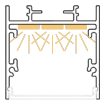
SL-504-S-94
Aluminium Finish
Width (outside): 1.31" (33.20mm)
Width (inside): 1.18" (30.00mm)
Height: 0.57" (14.40mm)
Length: 94" (2.38m)



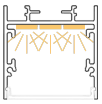
SL-977-S-94
Aluminium Finish
Width (outside): 3.97" (100.90mm)
Width (inside): 3.60" (91.50mm)
Height: 1.48" (37.50mm)
Length: 94" (2.38m)



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)



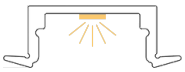
SL-511-S-94
Aluminium Finish
Width (outside): 1.18" (30mm)
Width (inside): 0.83" (21mm)
Height: 1.18" (30mm)
Length: 94" (2.38m)

Dim-to-Warm COB

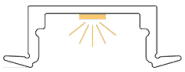
24VDC Performance COB LED Tape Light

Recommended Channels

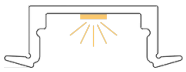
Recessed Mount



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)



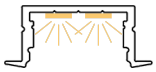
RL-601-B-94
Aluminium Finish
Width (outside): 0.91" (23.00mm)
Width (inside): 0.48" (12.30mm)
Height: 0.31" (8.00mm)
Length: 94" (2.38m)



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)



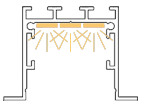
RL-615-S-94
Aluminium Finish
Width (outside): 0.91 (23.00mm)
Width (inside): 0.48" (12.30mm)
Height: 0.57" (14.50mm)
Length: 94" (2.38m)



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)



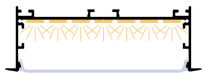
RL-778-S-94
Aluminium Finish
Width (outside): 1.31" (33.20mm)
Width (inside): 1.18" (30.00mm)
Height: 0.57" (14.40mm)
Length: 94" (2.38m)



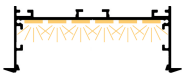
RL-809-S-94
Aluminum Finish
Width (outside): 1.43" (36.30mm)
Width (inside): 1.30" (33.10mm)
Height: 1.38" (35.00mm)
Length: 94" (2.38m)



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)



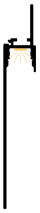
TL-041-S-94
Aluminium Finish
Width (outside): 0.93" (23.50mm)
Width (inside): 0.80" (20.50mm)
Height: 0.61" (15.50mm)
Length: 94" (2.38m)



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)

Dim-to-Warm COB

24VDC Performance COB LED Tape Light

Recommended 24V LED Drivers

Dimmable

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"

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"