

NEW FOR 2026 ARCHITECTURAL-GRADE COB TAPE SOLUTION

CoveLine Dotless TW · Tunable White



Shown: CoveLine Dotless - TW, 16.4 ft roll, IP20 standard. Continuous phosphor-coated COB emitter, no visible pitch.

CoveLine Dotless - TW is an architectural-grade tape solution: 3.7 W/ft, 366 lm/ft, tunable 2700K to 6500K at 90 CRI, 185 chips per foot. A continuous emitter with no visible dots: the run reads as one unbroken line of light in a cove, a reveal or a shallow channel, even at close viewing distance. The 24V driver, two-channel control and connectors are recommended and quoted with it, or specify your own.

PAGE 2 · SPECIFICATION · RATINGS · ORDERING

COB · DOTLESS · IP20 STANDARD · IP67 OPTION

SYSTEM	SOURCE	RATING	ELECTRICAL	CONTROL	COLOR RENDERING
Tape · 96 W driver · 2-ch control · channel, one specification	COB · Dotless · 185 chips/ft	UL Listed (UL 2108) · IP20 dry location · IP67 wet-location option	24V DC · 3.7 W/ft · single-end feed per 16.4 ft run	Two-channel WW/CW · 0-10V, DALI or DMX via controller	90 CRI

WHY COVELINE DOTLESS

Architectural-Grade Tape, Specified as a System

Spec-grade light where it shows: 90 CRI, 366 lm/ft, tunable white. The whole run from one source if you want it: tape, 24V drivers, two-channel control matched to the building protocol, channel and diffuser. One specification, one point of responsibility.

A Line of Light, Not a Row of Points

A continuous emitter with no visible dots: the run reads as one unbroken line of light in a cove, a reveal or a shallow channel, even at close viewing distance.

One Run, 2700K to 6500K

A 3,800K span on a two-channel warm/cool bus at 90 CRI: the same installation runs cool and alert in the morning and warm in the evening from the controller, with no relamping and no second circuit. Specify the building protocol at order.

Dry or Wet, One Specification

IP20 for interior dry locations as standard. The IP67 option seals the same board and light engine for wet and exterior work: covered outdoor areas, coastal projects, wash-down interiors. Same electrical specification and control, UL Listed; specify at order.

Where the Line of Light Is the Architecture

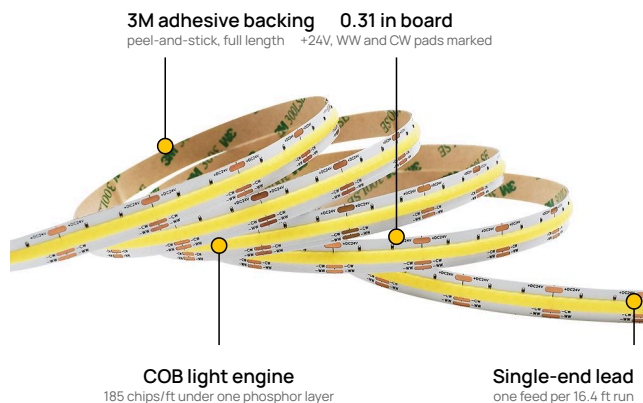
Coves, floating ceilings, stair treads, wall grazing, millwork reveals and display shelving all show the emitting surface, directly or through a diffuser. A continuous source keeps the line clean at ends and corners; the tunable range lets one installation follow the room through the day.



Shelf reveals and a perimeter cove on one 8 mm board: the run disappears into a 0.31 in reveal and reads as light on the surface, not as a fixture.



Back bar, ceiling reveal and a lit counter base on one specification: three different details, one tape, one driver, one colour.



Shown: CoveLine Dotless - TW, IP20 standard. The IP67 version carries the same board and pads under a sealed cover; specify -67 at order.

COVELINE · ARCHITECTURAL-GRADE COB TAPE SOLUTION

CoveLine Dotless - TW

LCC-DL-TW-90-20-RL-24 LCC-DL-TW-90-67-RL-24

Supplied as a 16.4 ft roll with a single-end lead. Order code -67 is the IP67 wet-location version; the electrical specification is identical.

FEATURES

- 366 lm/ft at 3.7 W/ft, 100 lm/W
- Continuous phosphor-coated COB emitter, no visible pitch, 185 chips/ft: no visible pitch, open or diffused
- Tunable 2700K to 6500K on a two-channel WW/CW bus, 90 CRI across the range
- 0.31 in board with 3M adhesive backing. 60 W per roll, one feed per 16.4 ft run
- UL Listed. IP20 dry location as standard; IP67 wet-location option (-67) on the same board

OPTIONS

RATING	UL Listed · IP20 dry location · IP67 wet location (-67) — specify at order
CONTROL	Two-channel CCT controller: 0-10V · DALI · DMX · standalone — specify the building protocol at order
DRIVER	24V DC constant-voltage. LEONLITE 96 W runs 1 roll at full output (62% load)
SUPPLIED AS	16.4 ft roll · single-end lead · 3M backing · channel with diffuser recommended

WATTAGE · 60 W PER ROLL

3.7 W/ft

OUTPUT · 6,000 LM PER ROLL

366 lm/ft

CRI

90

COLOR TEMP. · TUNABLE

2700-6500K

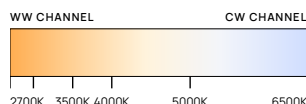
EFFICACY

100 lm/W

RATINGS · IP20 STANDARD · IP67 OPTION

	IP20 · STANDARD	IP67 · OPTION
LOCATION	Interior, dry	Wet and exterior: covered outdoor, coastal, wash-down interiors
CONSTRUCTION	Open board	Sealed over the board and emitter face
SECTION	0.31 in board, nominal	0.31 in board in a silicone sleeve (hollow extrusion); size the channel to the sleeve
CUT & JOIN	Cut points every 1.04 in (26.3 mm)	Same cut points; re-seal cut ends with end caps
RATED LIFE	36,000 hours	36,000 hours
ORDER CODE	LCC-DL-TW-90-20-RL-24	LCC-DL-TW-90-67-RL-24

Both versions share the light engine, the 24V two-channel electrical specification and the controller. Choose by location; nothing else in the specification changes.



2700K to 6500K on one run

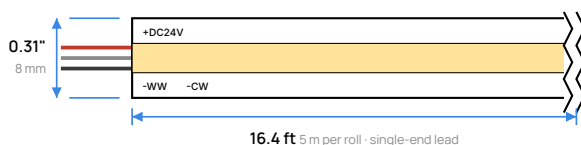
Two channels, warm white and daylight, mix at the controller to any point in between. Tick positions are proportional to kelvin; color rendering is 90 CRI across the range.

UL Listed to UL 2108, Low-voltage Lighting Systems (IFDR). Rated values are nominal, from manufacturer's data, at full output on both channels. IP67 option and control protocol are specified at order. LeonLite® Commercial reserves the right to change specifications without notice. Consult with the LeonLite Commercial team before specifying.

DIMENSIONS INCH [MM]

PLAN VIEW

3M adhesive on the reverse · IP67 version: section grows with the seal



Dimensions are nominal.

WIDTH
0.31" 8 mm

CUT INTERVAL
1.04" 26.3 mm

POWER PER ROLL
60 W at full output

ROLL LENGTH
16.4 ft 5 m

MAX RUN PER FEED
16.4 ft one roll



ACCESSORIES · POWER AND CONTROL

Specified as One System

These are the driver and control we recommend for CoveLine Dotless, quoted with it as one line. Connectors for this board, aluminum channels and diffusers are specified per project once the solution is fixed.



CONTROL · TWO-CHANNEL PWM DIMMER

ArchLine 2-Zone Knob Dimmer

LCA-CTL-2K

Two knobs, each driving one 15 A channel: with CoveLine Dotless - TW they set brightness and color temperature together; with single-white tape they run two zones independently.

CHANNELS	2 × 15 A · 5–24V DC in and out · PWM 0–100%, one knob per channel with on/off
HOUSING	Steel, black · 3.5 × 2.0 × 0.8 in · pre-drilled mounting ears
RATING	IP20 dry location · 14 °F to 104 °F · 3-year warranty

DRIVERS · 24V DC · 96 W · 1 ROLL (60 W) PER DRIVER AT FULL OUTPUT, 62% LOAD



96 W · JUNCTION BOX
96 W Dimmable Driver
· Junction Box
LCA-PS-96-JB

- 24V DC · 96 W · 110–277V AC input
- 5-in-1 dimming: TRIAC · 0–10V · 1–10V · PWM · potentiometer
- Junction box: snap-on cover, 7 knockouts, 4 mounting tabs · output trim 17–25V
- Wet location · wiring compartment takes 1/2 in conduit



200 W · DIM-TO-WARM · 7CCT
200 W Driver · Dim-to-Warm · 7CCT
LCA-PS-200-JB-DTW

- 24V DC · 200 W · 110–277V AC input
- Dim to warm plus seven preset color temperatures for tunable tape
- 5-in-1 dimming · same junction box as the standard driver
- Wet location · same box and conduit entry



96 W · IP65 SLIM · OUTDOOR
96 W Ultra-Slim Driver
· Outdoor
LCA-PS-96-SL-65

- 24V DC · 96 W · 110–277V AC input
- IP65 potted aluminum housing, NEMA 4X · pairs with the IP67 tape option
- 5-in-1 dimming: TRIAC · ELV · 0–10V · 1–10V · PWM · potentiometer
- Narrowest wet-location body · field-detailed wiring



96 W · SLIM · INDOOR
96 W Ultra-Slim Driver
· Indoor
LCA-PS-96-SL

- 24V DC · 96 W · 110–277V AC input
- Ultra-slim body for ceilings, baseboards and millwork · up to 90% efficiency
- 5-in-1 dimming: TRIAC · ELV · 0–10V · 1–10V · PWM · potentiometer
- IP20 dry location · field-detailed wiring



96 W · MINI POTTED · WET
96 W Mini Potted Driver
LCA-PS-96-MP

- 24V DC · 96 W · 120V AC input · Class 2
- Fully potted, wet location · leads fitted at both ends
- TRIAC · ELV · MLV dimming — this housing carries no 0–10V input
- Smallest driver in the range: it fits inside an electrical box

Any 24V constant-voltage driver of the right size will run this board; these are the ones we carry. Also built at 60 W to order. Each driver carries its own listing.

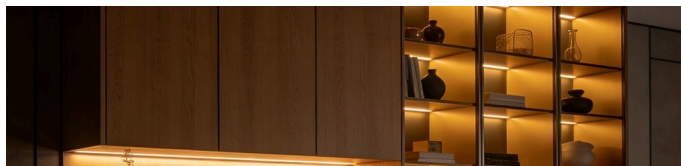
CONNECTORS · 0.31 IN (8 MM) 3-PIN · SPECIFIED PER PROJECT

Every roll ships with a single-end lead. The board is marked for cutting every 1.04 in (26.3 mm), with solder pads at each cut point: feeds and joins along a run are made at those pads, by solder or by a connector sized to this board, and that connector is quoted with the project. The snap-press kit we carry is 10 mm 3-pin COB and does not fit an 8 mm 3-pin board.

MADE TO ORDER Aluminum channels, diffusers and end caps (the channel cut to each run) are specified per project once the solution is fixed.

One Specification, Start to Finish

Tape, driver and control from one supplier, quoted as one line.



Millwork: 3.7 W/ft is low enough to sit inside a closed cabinet reveal without a heat problem.



Toe kick and back bar, warm end of the range: a continuous emitter has no dots to count across a joinery face seen from a stool.

UL Listed to UL 2108, Low-voltage Lighting Systems (IFDR). Rated values are nominal, from manufacturer's data, at full output on both channels. IP67 option and control protocol are specified at order. LeonLite® Commercial reserves the right to change specifications without notice. Consult with the LeonLite Commercial team before specifying.