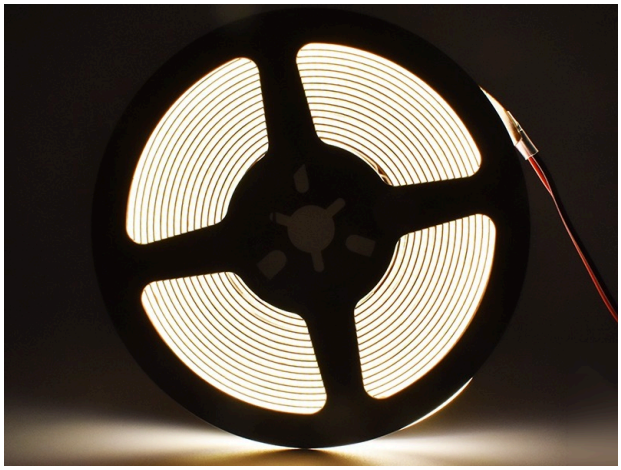


Shown lit: CoveLine Dotless Mini HD, a full roll on the reel. 146 chips per foot under one phosphor coat keep the line even at the closest viewing distance.

NEW FOR 2026 ARCHITECTURAL-GRADE COB TAPE SOLUTION

CoveLine Dotless Mini HD 3000K · Fixed Color Temperature

CoveLine Dotless Mini HD is an architectural-grade tape solution: 2.7 W/ft, 302 lm/ft, 90 CRI, 146 chips per foot under one continuous phosphor layer for an unbroken line of light. Ordered at one colour temperature, 2700K, 3000K, 4000K, 6000K. The 24V driver, dimming and channel are recommended and quoted with it, or specify your own.

PAGE 2 · SPECIFICATION · RATINGS · ORDERING

COB · DOTLESS · 2700K, 3000K, 4000K, 6000K · IP20 STANDARD · IP67 OPTION

SYSTEM
Tape · 96 W driver · dimming · channel, one specification

SOURCE
COB · Dotless · 146 chips/ft

RATING
UL Listed (UL 2108) · IP20 dry location · IP67 wet-location option

ELECTRICAL
24V DC · 2.7 W/ft · leads at both ends

CONTROL
Single channel · 0–10V, DALI or DMX at the driver

COLOR
2700K, 3000K, 4000K, 6000K, fixed at order · 90 CRI

WHY COVELINE DOTLESS MINI HD

Architectural-Grade Tape, Specified as a System

Spec-grade light where it shows: 90 CRI, 302 lm/ft, one fixed colour. The whole run from one source: tape, 24V drivers, dimming 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, ordered at one colour temperature. The run reads as one unbroken line of light in a cove, a reveal or a shallow channel, even at close viewing distance, and every reveal in the project matches without commissioning.

Open or Diffused, Either Way

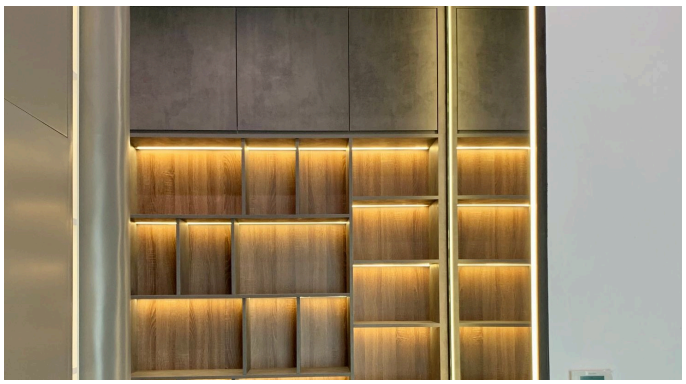
A continuous emitter needs no lensing to hide the chips: the face can be left open in a reveal or run behind a diffuser without a change in how the line reads. The 0.31 in board takes the series channel and diffuser without a special section.

Dry or Wet, One Specification

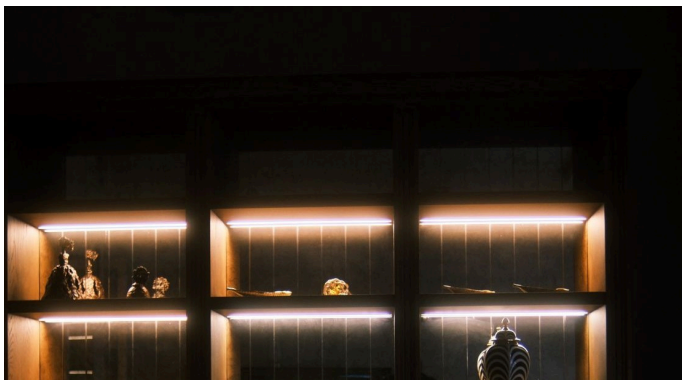
IP20 for interior dry locations as standard. The IP67 option seals the same board and light engine for wet and exterior work at the same colour temperature and 90 CRI, UL Listed; specify -67 at order.

Where the Line of Light Is the Architecture

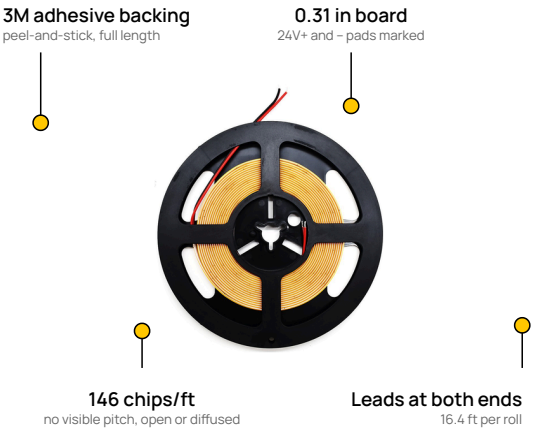
Coves, floating ceilings, stair treads, wall grazing, millwork reveals and display shelving all show the emitting surface, directly or through a diffuser. A continuous source keeps the line clean at ends and corners; the output is what lets one run light the room on its own.



Dressing-room cubbies: at 146 chips per foot the line stays smooth on a lit shelf edge seen from arm's length.



Display niches: a dotless line under every shelf lights the objects without a row of hot spots reflected in the finish.



Shown: CoveLine Dotless Mini HD unlit, 3000K. 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 Mini HD

LCC-DH-30-90-20-RL-24 **LCC-DH-30-90-67-RL-24**

Supplied as a 16.4 ft roll with leads fitted at both ends, at the colour temperature in the order code. Order code -67 is the IP67 wet-location version; the electrical specification is identical.

FEATURES

- 302 lm/ft at 2.7 W/ft, 110 lm/W, 90 CRI
- Continuous phosphor-coated COB emitter, no visible pitch, 146 chips/ft: no visible pitch, open or diffused
- 2700K, 3000K, 4000K, 6000K fixed at order · single-channel dimming at the driver: 0–10V, DALI or DMX
- 0.31 in board, 3M backing. 45 W per roll
- UL Listed. IP20 dry location as standard; IP67 wet-location option (-67) on the same board

OPTIONS

COLOR TEMPERATURE	2700K, 3000K, 4000K, 6000K — set by the board at order, not adjustable on site
RATING	UL Listed · IP20 dry location · IP67 wet location (-67) — specify at order
DIMMING	Single channel at the driver: 0–10V · DALI · DMX — specify the protocol at order
DRIVER	24V DC constant-voltage. LEONLITE 96 W runs 1 roll at full output (47% load)

WATTAGE · 45 W PER ROLL	OUTPUT · 5,000 LM PER ROLL	CRI	COLOR TEMP. · FIXED	EFFICACY
2.7 W/ft	302 lm/ft	90	3000K	110 lm/W

RATINGS · IP20 STANDARD · IP67 OPTION

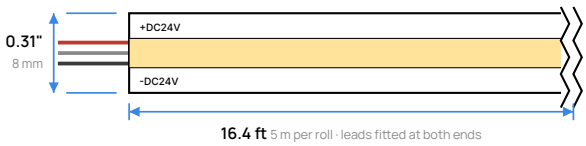
	IP20 · STANDARD	IP67 · OPTION
LOCATION	Interior, dry	Wet and exterior: covered outdoor, coastal, wash-down interiors
CONSTRUCTION	Open board, emitter face exposed	Sealed over the board and emitter face
SECTION	0.31 in board, nominal	0.31 in board in a silicone sleeve (hollow extrusion); size the channel to the sleeve
CUT & JOIN	Cut points every 1.97 in (50 mm)	Same cut points; re-seal cut ends with end caps
RATED LIFE	36,000 hours	36,000 hours
ORDER CODE	LCC-DH-30-90-20-RL-24	LCC-DH-30-90-67-RL-24

Both versions share the light engine, the 24V electrical specification and the colour temperature ordered. Choose by location; nothing else in the specification changes.

DIMENSIONS INCH [MM]

PLAN VIEW

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



Dimensions are nominal.

WIDTH	ROLL LENGTH
0.31" 8 mm	16.4 ft 5 m
CUT INTERVAL	**POWER PER ROLL**
1.97" 50 mm	45 W at full output

UL LISTED · 24V DC · IP20 DRY LOCATION · IP67 WET LOCATION · CRI ≥90 · DIMMABLE

FIXED AT ORDER



2700K, 3000K, 4000K, 6000K, set by the board

One colour temperature per board, chosen at order. Every run in the project matches without commissioning, and there is no controller to set or to fail. 90 CRI at each point.

UL Listed to UL 2108, Low-voltage Lighting Systems (IFDR). Rated values are nominal, at full output. Specified at order: colour temperature, IP67 option, dimming protocol. LeonLite® Commercial reserves the right to change specifications without notice. Consult with the LeonLite Commercial team before specifying.

ACCESSORIES · POWER AND CONTROL

Specified as One System

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

DRIVERS · 24V DC · 96 W · 1 ROLL (45 W) PER DRIVER AT FULL OUTPUT, 47% 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



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) 2-PIN · SPECIFIED PER PROJECT

Every roll ships with leads fitted at both ends. The board is marked for cutting every 1.97 in (50 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 2-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.



Kitchen toe-kick along a full cabinet wall: one even line on a polished floor, where a dotted source would show every point in the reflection.



Curved ceiling reveal: the 0.31 in board follows the bend, and the line holds through the turn.

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