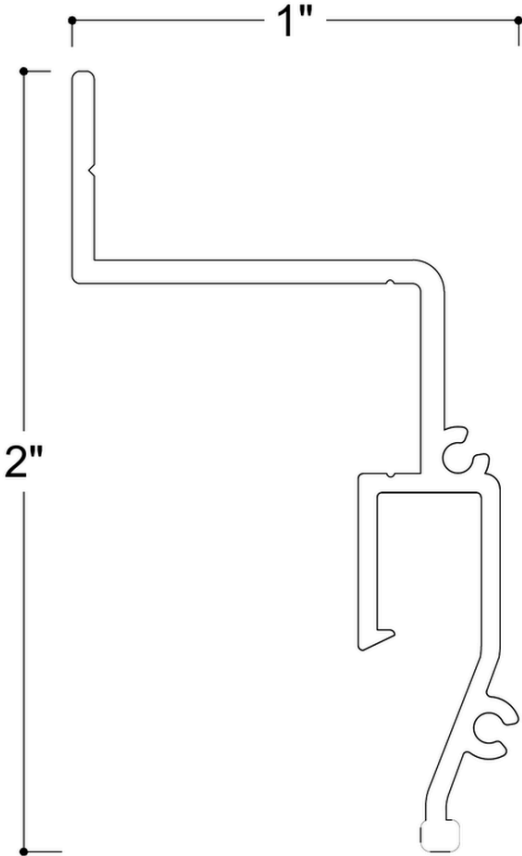


# AP-302-W Cove Light – Ceiling Top — Technical Data Sheet

CeilEx

Wall-Mounted Perimeter Cove Profile with Integrated LED Channel

June 2025



*AP-302-W cross-section (2D)*

## Product Overview

**AP-302-W “Cove Light – Ceiling Top”** is a **wall-mounted perimeter profile** with an **integrated LED channel**. It fixes to the upper wall, retains the stretch membrane at its lower edge, and hides an LED strip completely inside the channel. All you see is a clean halo of light washing across the ceiling.

Because the strip is concealed and aimed upward, there are no visible fixtures and no glare, just an even band of indirect light along the ceiling edge.

Property	Specification
Profile code	AP-302-W
Product name	Cove Light – Ceiling Top
Category	Lighting
System type	Wall-mounted perimeter cove profile with integrated LED channel
Mounting	Wall-mounted (upper wall); light washes up onto the ceiling
Cross-section	2 in x 1 in (51 mm x 25 mm)
Profile length	6.5 ft (2000 mm), supplied in white
Formability	Bendable for curved and shaped runs
Material	Extruded aluminum, 6063 alloy; white finish (custom available)

## LED & Diffuser

Property	Specification
LED channel	Concealed strip channel; strip is fully hidden from view
LED compatibility	Any CeilEx 24V LED strip (e.g. the CeilEx 2835 high-CRI linear strip)
Diffuser	Optional snap-in frosted lens for a softer, more even glow
Light direction	Indirect uplight; halo along the ceiling edge
Mounting of strip	3M VHB or channel-seated, inside the profile

## Membrane & Finish

Property	Specification
Membrane retention	Integrated catch at the lower edge holds the stretch membrane
Standard finish	White
Custom finish	Any custom color on request
Compatible membranes	CeilEx PVC and Clipso stretch membranes

## Light Effect (summary)

1. **Hidden source** — the LED strip sits inside the channel, invisible from the room.
2. **Ceiling halo** — light is thrown upward, so the ceiling edge glows with no visible fixture or glare.
3. **Even glow option** — the optional frosted diffuser smooths the strip into a continuous band of light.

## Performance / Compliance

Property	Specification
Profile material	Non-combustible aluminum
Membrane fire rating	Class A per ASTM E84 (flame spread less than or equal to 25, smoke less than or equal to 450)
Fastening	Mechanical to wall substrate, 8 in o.c. maximum
CSI section	09 72 13 — Stretch / Fabric Ceiling Systems (perimeter cove lighting profile)

## Digital Assets Available

- **DWG** — profile cross-section
- **Revit family** (.rfa) — on request
- **PDF** — this data sheet

## Specification Language (CSI 09 72 13)

### SECTION 09 72 13 – STRETCH CEILING SYSTEMS – PERIMETER COVE LIGHTING

#### WALL-MOUNTED COVE PROFILE WITH INTEGRATED LED CHANNEL

- A. Basis of design: CeilEx AP-302-W "Cove Light - Ceiling Top", aluminum wall-mounted perimeter profile (ceilex.com).
- B. Profile: extruded 6063 aluminum, white; 2" x 1" section; 6.5 ft (2000 mm) length; bendable.
- C. Function: conceals a 24V LED strip in an integrated channel and retains the stretch membrane at its lower edge; strip is fully hidden and aimed upward to wash the ceiling with indirect light.
- D. LED: any CeilEx 24V LED strip; optional snap-in frosted diffuser.
- E. Finish: White or custom.
- F. Fire: membrane Class A per ASTM E84.

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