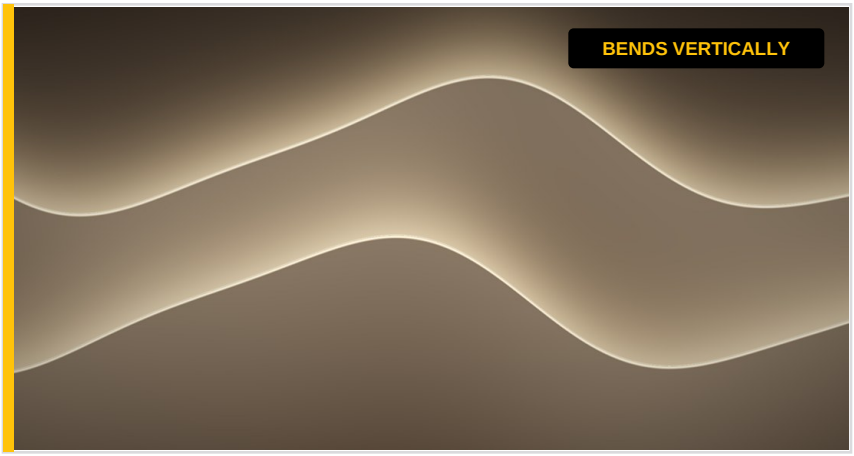
DayTech LED

5250 Satellite Drive, Unit 7, Mississauga ON L4W 5G5
Tel 905-617-0298
www.daytechled.com

LED ALUMINUM PROFILE · PRODUCT SPECIFICATION

1806 Flexible Profile

PART NO. **NL-AP-1806-2M**



SPECIFICATIONS

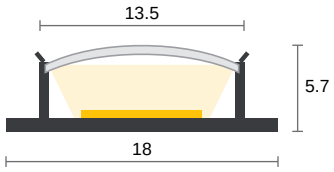
APPLICATION	Curved interior / display
MATERIAL	6063-T5, double-anodized
STANDARD LENGTH	2 m
PROFILE FINISH	Silver · Black / White (3 wk)
PC COVER	Frosted or Milky
LED STRIP	8 or 10 mm DayTech LED strip
DIMENSIONS	18 × 5.7 mm (W × H)
BENDING	Vertical only · max. R 300 mm

PRODUCT OVERVIEW

The 1806 is a **bendable aluminum profile** for curved interior and display lighting. It flexes **vertically only** (across its flat face) to follow waves, arches and coves, and is compatible with any **8 mm or 10 mm DayTech LED strip**.

CROSS SECTION

Dimensions in mm



COMPONENTS & ACCESSORIES



Flexible Profile
NL-AP-1806-2M
2 m · silver, black, white



PC Cover
Included
Frosted or milky



End Caps
NL-AP-1806-C
Polypropylene QTY



Mounting Clips
NL-AP-C1806
Steel, also joins runs QTY

BENDING · VERTICAL ONLY



VERTICAL BEND
Across the flat face · max. R 300 mm



NO HORIZONTAL BEND
Will not bend edgewise / side-to-side

MOUNT WITH CLIPS OR DOUBLE-SIDED TAPE · APPLICATIONS P. 2

ORDERING INFORMATION

PART NUMBER — Includes PC cover

NL-AP-1806-2M

FINISH ☐ Silver ☐ Black ☐ White
COVER ☐ Frosted ☐ Milky

LENGTH ☐ 2 m std TOTAL _____ M

QTY _____ PO # _____

PROJECT _____

Specifications subject to change without notice.

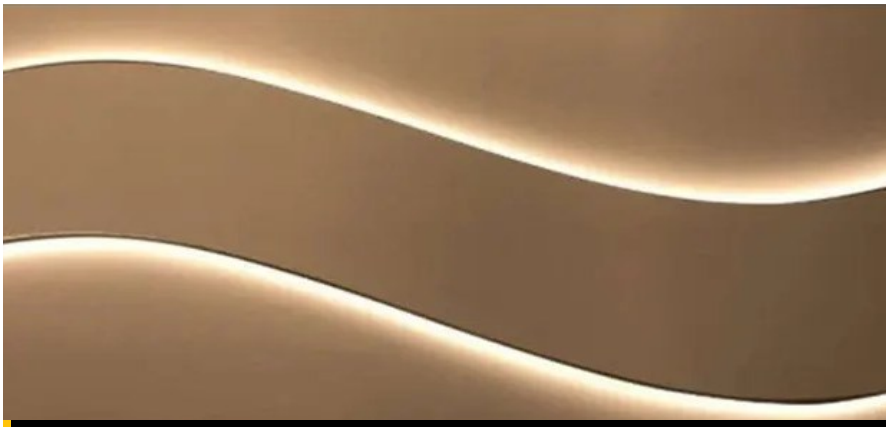
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LED ALUMINUM PROFILE · APPLICATIONS

Applications & Tech Data

PART NO. **NL-AP-1806-2M**

PRODUCT APPLICATIONS



WAVE WALL FEATURE · INDIRECT LIGHT



BENDS BY HAND · VERTICAL PLANE



CURVED COVE



WALL-TO-CEILING RADIUS



ARCHED WINDOW REVEAL

TECHNICAL SPECIFICATIONS

INGRESS PROTECTION	IP20 (standard)	OPERATING TEMP.	–30 °C to +100 °C
AVAILABLE LENGTH	2 m	FLAMMABILITY	V2 fire rating (PC cover)
BODY MATERIAL	Aluminum 6063-T5, double-anodized	UL94 RATING	UL94 V2
COVER MATERIAL	Polycarbonate (PC)	UV STABILITY	Ageing resistance > 3 years
END CAP / CLIP	Polypropylene / steel	TOLERANCE	±0.5 mm
LIGHT TRANSMITTANCE	Frosted 70–90%, milky 50%	SPECIFIC HEAT	880 J/(kg · °C)

INSTALLATION NOTES

1. Bend the profile **vertically only** (across its flat face) to a maximum bend radius of 300 mm. It does not bend horizontally / edgewise.
2. Mount with mounting clips (NL-AP-C1806) or double-sided tape. Clips can also be used to connect lengths of profile.
3. Install 8 mm or 10 mm DayTech LED strip, fit the frosted or milky cover, then close the ends with end caps (NL-AP-1806-C).