DayTech LED

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LED TAPE LIGHT · PRODUCT SPECIFICATION

Bendable LED Tape Light

300 LEDs / 5 m reel · 3000K warm white · CRI 90 · 12V or 24V DC · IP20 indoor

PART NO. **FL-300WW-5M-BD**





ZIG-ZAG PCB CLOSE-UP

QUICK SPECS

POWER	LUMINOUS FLUX	CRI
11.5 W/m	**320** lm/ft	**90**

COLOUR TEMP.	BEND RADIUS	VOLTAGE
3000 K	**3** cm	**12/24** V

PRODUCT OVERVIEW

A **bendable zig-zag LED strip** that flexes sideways to follow curves without twisting or affecting light output. Ideal for curved coves, ceilings and walls, and **compatible with any DayTech mudded drywall flex channel**.

CERTIFICATIONS & FEATURES

DC 12/24V · CE · UL · 1 BIN · Dimmable · LM 80 · Ra 80/90 · 120° · 3 years · c UL us LISTED

CE · RoHS · cUL Listed · Dimmable · 3-year warranty

SPECIFICATIONS

ELECTRICAL & OPTICAL

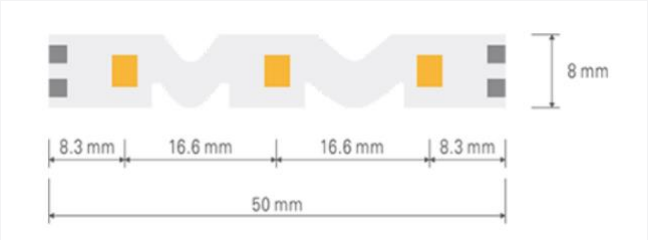
Part Number	**FL-300WW-5M-BD**
Voltage	**12V or 24V DC**
Power	**11.5 W/m**
Luminous Flux	**320 lm/ft**
Colour Temperature	**3000K std. (2700K–6500K opt.)**
CRI (Ra)	**90**
Beam Angle	**120°**
LED Quantity	**300 LEDs per 5 m reel**
Reel Length	**5 m**

MECHANICAL

Strip Width	**8 mm**
PCB Thickness	**1.2 mm**
Cutting Unit	**50 mm**
Min. Bend Radius	**3 cm (sideways)**
PCB	**White, copper**
IP Rating	**IP20 (indoor)**
Operating Temp.	**-25 °C to 45 °C**
Lifetime	**50,000 h**
Warranty	**3 years**

DIMENSIONS

Dimensions in mm



ORDERING OPTIONS

VOLTAGE	☐ 12V	☐ 24V		
CCT	☐ 2700K	☐ **3000K**	☐ 4000K	☐ 6500K

3000K standard.
2700K, 4000K and 6500K may involve lead time. Inquire within.

Specifications subject to change without notice.

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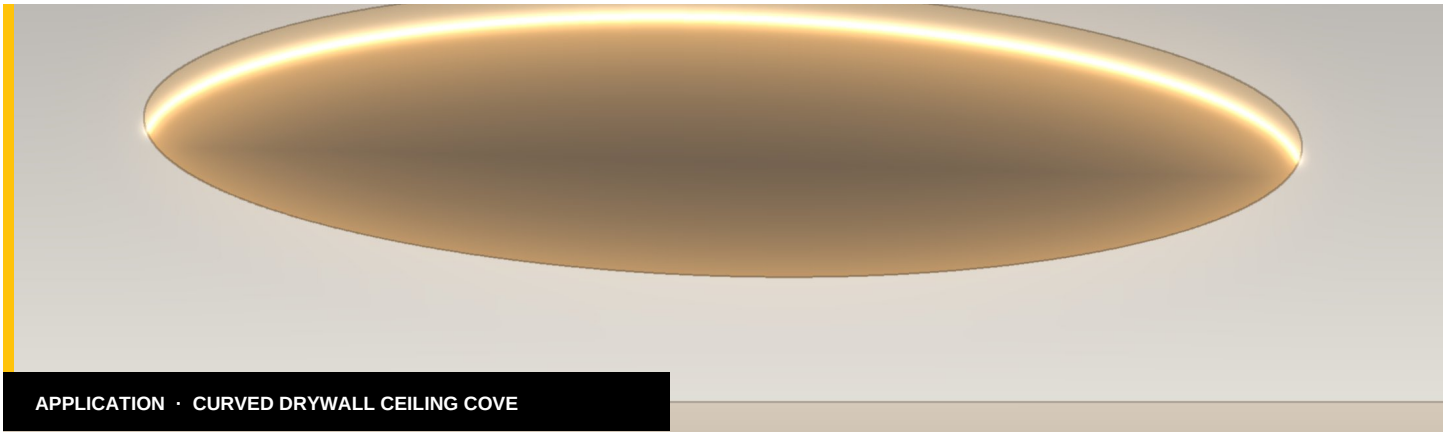
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LED TAPE LIGHT · CURVED APPLICATIONS

Curved Applications

PART NO. **FL-300WW-5M-BD**

FL-300WW-5M-BD with DayTech mudded drywall flex channels · NL-AP-7330-2M-FLEX shown

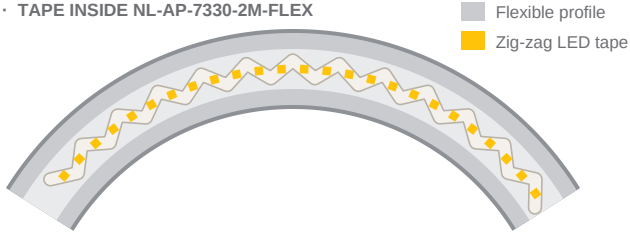


APPLICATION · CURVED DRYWALL CEILING COVE

Concept illustration for reference only.

HOW THE ZIG-ZAG TAPE FOLLOWS A CURVE

TOP VIEW · TAPE INSIDE NL-AP-7330-2M-FLEX



Bends sideways (in-plane) to follow the curve

No twisting · Min. bend radius 3 cm · 8 mm strip in 13.3 mm channel



NL-AP-7330-2M-FLEX

Bendable knife-edge cove profile for curved drywall

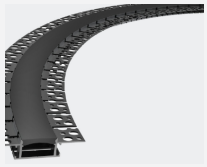
COMPATIBLE DAYTECH FLEX CHANNELS



NL-AP-7330-2M-FLEX

Knife-edge drywall cove
13.3 mm LED channel

☑ FITS 8 mm STRIP



NL-AP-6114-2M-FLEX

Plaster-in trimless channel
20.7 mm internal width

☑ FITS 8 mm STRIP

Compatible with **any DayTech mudded drywall flex channel**. Choose a channel with an LED width of 8 mm or more and keep curves at a 3 cm radius or larger.

INSTALLATION

1 Shape the channel

Bend the flex channel to the curve and fix the flange to the drywall with screws.

2 Finish the drywall

Embed drywall mesh, cover with filler, then sand and paint so only the cove is visible.

3 Lay in the tape

Peel the adhesive and press the tape into the channel, letting the zig-zag flex sideways.

4 Connect & cover

Wire to a 12V or 24V DC driver, test, then fit the channel's diffuser.

Specifications subject to change without notice.