DayTech LED

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LED NEON FLEX · PRODUCT SPECIFICATION

COB LED Neon Flex

320 LEDs/m · 3000K warm white · CRI >90 · 24V DC · IP67 · 8 m roll

PART NO. **FL-320WW-COB-8M-24V-IP67**



QUICK SPECS

MAX POWER	LUMINOUS FLUX
10 W/m	850–900 lm/m

CRI	COLOUR TEMP.
>90	3000 K

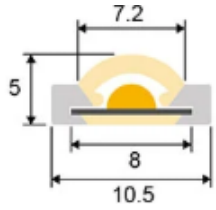
INPUT VOLTAGE	IP RATING
24 V DC	IP67

PRODUCT OVERVIEW

A dense **320 LED/m COB neon flex** encased in high-transmittance, food-grade optical silicone for uniform, dot-free light with high brightness and **CRI >90**. UV-, yellowing- and salt-resistant for long life indoors and outdoors. Cuttable every 50 mm and supplied in an **8 m roll**.

CROSS SECTION

Dimensions in mm



SPECIFICATIONS

BASIC PARAMETERS	
Size (W × H)	**10.5 × 5 mm**
LED Type	**COB**
LED Quantity	**320 LEDs/m**
Input Voltage	**24V DC**
Input Current	**0.41 A/m**
Max Power	**10 W/m**
Cutting Unit	**50 mm**
Bend Diameter	**>60 mm**
IP Rating	**IP67**
Roll Length	**8 m**

PHOTO-ELECTRIC PARAMETERS	
CRI	**>90**
Colour Temperature	**3000K (warm white)**
Luminous Flux	**850–900 lm/m**
Efficacy	**85–90 lm/W**
Beam Angle (50%)	**118.5°**
Energy Efficiency Class	**F**
Operating Temperature	**-25 °C to 70 °C**

CERTIFICATIONS & WARRANTY

CE · cULus LISTED · RoHS · ERP · 3 Years Warranty

Specifications subject to change without notice.

LED NEON FLEX · FEATURES & DETAILS

Features & Details

PART NO. **FL-320WW-COB-8M-24V-IP67**

KEY FEATURES

- High CRI (>90) and high brightness
- High-transmittance optical silicone for uniform, dot-free light
- Eco-friendly food-grade silicone for better transmittance and longer lifetime
- UV, yellowing and salt resistant
- Operating temperature -25 °C to 70 °C
- IP67 waterproof rating

TRUE-TO-LIFE COLOUR



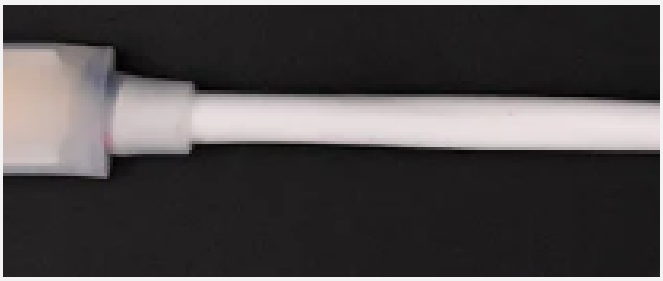
CRI >90 (left) vs. CRI <80 (right)

INSTALLATION DETAILS



Transparent Adhesive Backing

Cut line remains clearly visible through the tape.

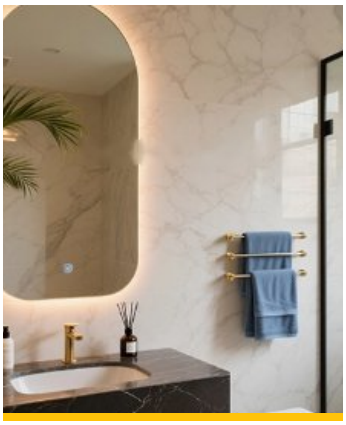


Upgraded Silicone Lead Cable

Same material as the tube for better waterproof performance.

CUTTING UNIT · EVERY 50 mm

APPLICATIONS









Specifications subject to change without notice.

LED NEON FLEX · ACCESSORIES & ORDERING

Accessories & Ordering

PART NO. **FL-320WW-COB-8M-24V-IP67**

ACCESSORIES AVAILABLE



Head Plug



Mid-Connector



Mid-Connector with Wire



L-Shape Connector



Head Cap



End Cap



Wire

ORDERING INFORMATION

PART NUMBER

FL-320WW-COB-8M-24V-IP67

COB LED Neon Flex · 8 m roll

ROLL LENGTH **8 m**	COLOUR TEMP. **3000K warm white**	INPUT **24V DC**
IP RATING **IP67**	CUT EVERY **50 mm**	MAX LOAD / ROLL **80 W (10 W/m × 8 m)**

Specifications subject to change without notice.