DayTech LED

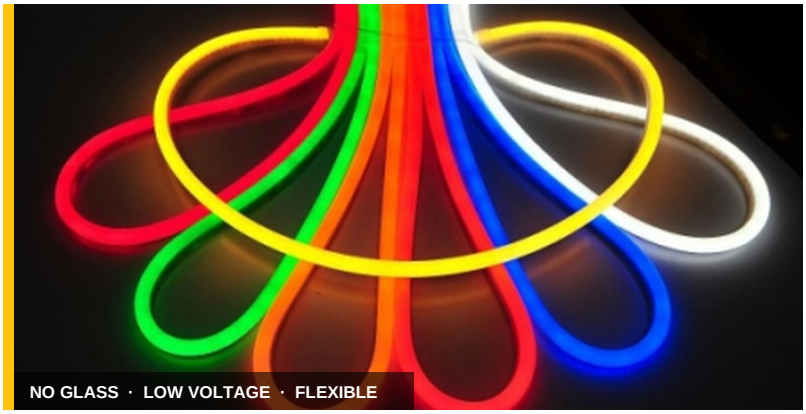
5250 Satellite Drive, Unit 7, Mississauga ON L4W 5G5
Tel 905-617-0298
www.daytechled.com

LED FLEX NEON · PRODUCT SPECIFICATION

0816 Flex Neon

PART NO. **FL-0816WW-NEON-5M-24V**

8 × 16 mm flexible neon · 3000K / 5000K / RGB · 10.8 W/m · 24V DC · cUL listed



10.8 W/m POWER	**8 × 16 mm** SIZE (W × H)
≥ 95 CRI (WHITE)	**24 V DC** INPUT VOLTAGE
54 mm CUT EVERY 2-1/8"	**cUL** LISTED · LOW VOLTAGE

CRI ≥95% · ONE BIN · RoHS

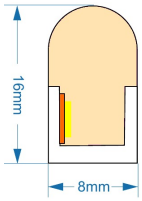
cUL LISTED LOW VOLTAGE LUMINAIRE

CRI ≥ 95 white · one-bin colour consistency · RoHS compliant · 24V DC input

PRODUCT OVERVIEW

No more glass-tube neon. **0816 Flex Neon** gives a true neon look for homes and businesses with LED technology, running safely on **24V DC**. The 8 × 16 mm profile delivers a smooth, continuous line of light in **3000K warm white**, **5000K cool white** or full-colour **RGB**, and installs with DayTech aluminum or flexible channels, corners, clips and end caps. **cUL listed as a low voltage luminaire.**

CROSS SECTION



SPECIFICATIONS

PART NUMBER	**FL-0816WW-NEON-5M-24V**
LIGHT COLOUR	3000K warm white
ROLL LENGTH	5 m (16.4 ft)
INPUT VOLTAGE	24 V DC
POWER	10.8 W/m
SIZE (W × H)	8 × 16 mm
CUTTING UNIT	Every 2-1/8" (54 mm)
CRI	≥ 95 (3000K / 5000K)
COLOUR BINNING	One bin
CERTIFICATION	cUL listed, RoHS
CUSTOM LENGTHS	Cut to length, up to 5 m

ORDERING OPTIONS

COLOUR · SELECT ONE

- ☐ **FL-0816WW-NEON-5M-24V** — 3000K warm white · 5 m roll
- ☐ **FL-0816-NEON-5M-24V-5000K** — 5000K cool white · 5 m roll
- ☐ **FL-0816RGB-NEON-10M-24V** — Full-colour RGB · 10 m roll

ROLLS

PO # PROJECT

ACCESSORIES & INSTALLATION › PAGE 2

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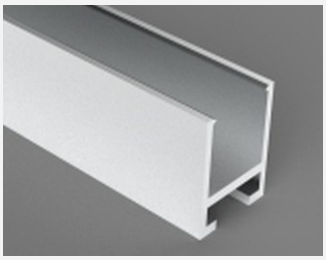
LED FLEX NEON · ACCESSORIES

Accessories & Installation

PART NO. **FL-0816WW-NEON-5M-24V**

Made for 0816 Flex Neon. Tick and enter a quantity to add to your order.

ACCESSORIES · ORDER SEPARATELY



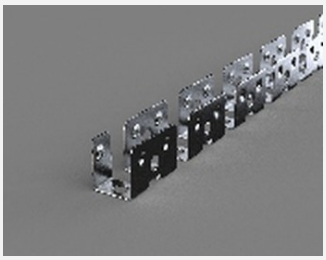
Aluminum Profile

NL-AP-0816-8FT

Straight, stable mounting for the neon

8 ft length

☐ ADD QTY



Flexible Channel

NL-AP-0816-5M-BD

Bendable mounting channel for curves

5 m length

☐ ADD QTY



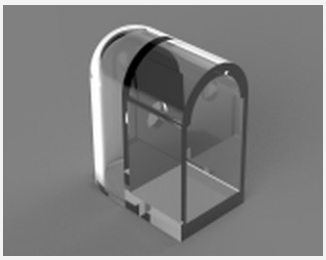
Solderless Head Cap

FL-0816-HC

Solderless feed connector with lead

1 pc / pack

☐ ADD QTY



Waterproof End Cap

FL-0816-EC

Seals the end of the run in a profile

10 pcs / pack

☐ ADD QTY



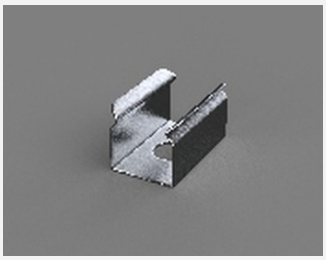
Rounded Corner

FL-0816-RC

Corner joint for aluminum profiles

4 pcs / pack

☐ ADD QTY



Mounting Clips

FL-0816-FC

Metal clips for surface installation

Custom qty

☐ ADD QTY

INSTALLATION & SIZING

BUILDING A RUN

1. Start the run with an **FL-0816-HC** solderless head cap.
2. Mount in **NL-AP-0816-8FT** straight profile or **NL-AP-0816-5M-BD** flexible channel, or fix with **FL-0816-FC** clips.
3. Join profiles at corners with **FL-0816-RC** rounded corners.
4. Finish the run with an **FL-0816-EC** waterproof end cap.
5. Cut only at the marked points, every 2-1/8" (54 mm).

LOAD PER ROLL

PART NUMBER	ROLL	FULL ROLL*
FL-0816WW-NEON-5M-24V	5 m	54 W
FL-0816-NEON-5M-24V-5000K	5 m	54 W
FL-0816RGB-NEON-10M-24V	10 m	108 W

*Calculated at 10.8 W/m. Size the 24V DC driver with about 20% headroom. The RGB version needs a 24V RGB controller between the driver and the neon.

Specifications subject to change without notice.