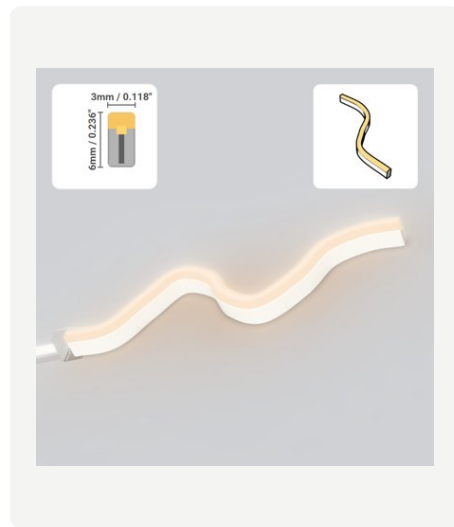
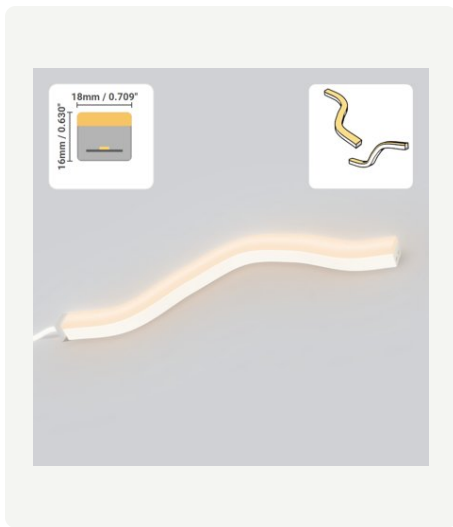
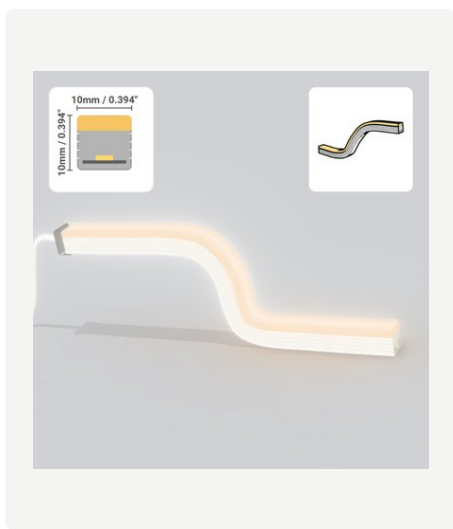
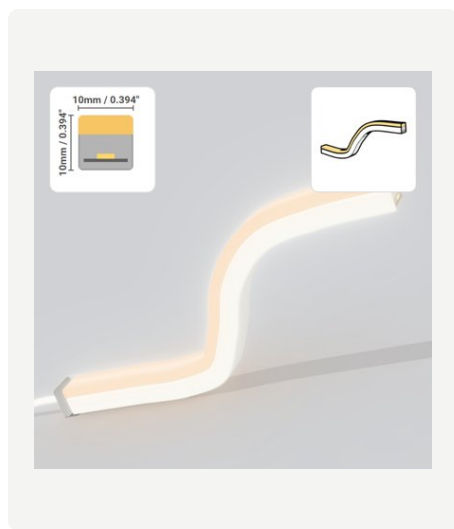


2026 CATALOG

Flex Neon

9 products

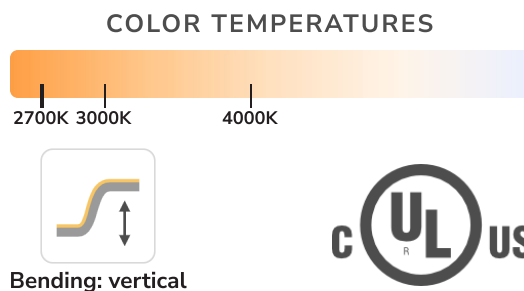
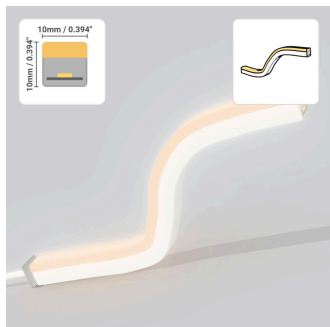


Updated October 4, 2026

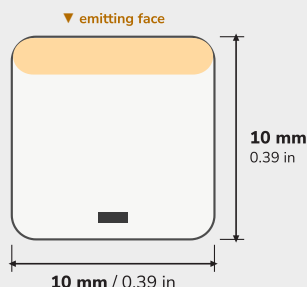
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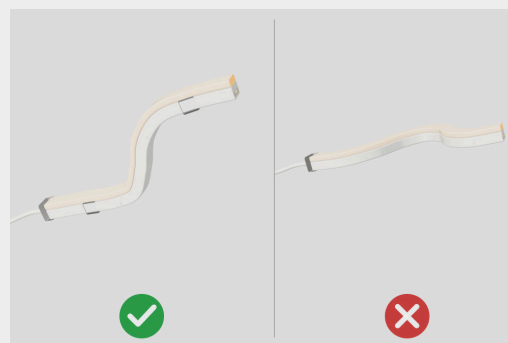
DIMENSIONS, BENDING AND CUTTING



Cross-section to scale



Bending direction: it bends like a belt



✓ bends this way · ✗ never the other way

✂ Cut every 7.14 mm, only at the cut marks.

A CONTINUOUS LINE OF LIGHT

24 V flex neon diffused through its wide face: it bends like a belt and gives a continuous line of light with no visible hot spots. For coves, drywall bulkheads, architectural niches, millwork, stairs and furniture. Available in 5 m and 30 m rolls, in 2700K, 3000K and 4000K.

FEATURES

- Vertical bend (wide emitting face).
- Continuous diffusion, no hot spots.
- Short cut pitch: every 7.14 mm.
- Dimmable.
- IP66: covered damp locations.
- 5 m and 30 m rolls.

PHYSICAL

Cross-section	10 × 10 mm
LEDs per meter	140 (SMD 2835)
PCB width	8 mm
Cut	every 7.14 mm
Bending	vertical
Lead	30 cm, one end
Protection rating	IP66
Lifespan	50,000 h +

ELECTRICAL AND OPTICAL

Voltage	24 V DC
Power (±10%)	14.4 W/m · 4.39 W/ft
Per 5 m roll	72 W
Efficacy	120 lm/W
Flux per meter	1,728 lm/m
Flux per foot	527 lm/ft
CRI	90
Dimmable	Yes
Max. run	5 m

ORDERING

Build the product code

1 Series

LCLS24VFLX-TV-14W 10 × 10 mm, 14.4 W/m

2 Color

27K 2700K
30K 3000K
40K 4000K

3 Roll

(rien) 5 m
30M 30 m
Custom by the inch ²

EXAMPLE **LCLS24VFLX-TV-14W - 30K - 30M**

10 × 10 mm, 14.4 W/m 3000K 30 m roll

PRODUCT RANGE — ALL CODES

Color	5 m roll	30 m roll
 2700K	LCLS24VFLX-TV-14W-27K	LCLS24VFLX-TV-14W-27K-30M
 3000K	LCLS24VFLX-TV-14W-30K	LCLS24VFLX-TV-14W-30K-30M
 4000K	LCLS24VFLX-TV-14W-40K	LCLS24VFLX-TV-14W-40K-30M

SUGGESTED APPLICATIONS

- Coves and indirect ceilings
- Drywall bulkheads and niches
- High-end hospitality and retail
- Millwork, stairs and furniture

LOCATION RATING · IP66

☒ Dry ☒ Damp (covered) ☐ Wet

CHOOSING THE POWER SUPPLY: THE WATTS-PER-FOOT LOGIC

1 Watts per foot

 $14.4 \text{ W/m} \div 3.28 = 4.39 \text{ W/ft}$

2 Flex neon load

 $16 \text{ ft} \times 4.39 \text{ W/ft} = 70.2 \text{ W}$

3 Load at 80% max

 $70.2 \text{ W} \div 0.80 = 87.8 \text{ W} \rightarrow 96 \text{ W}$

Example: 16 ft of flex neon → LCPSLCODIM-24V-96W (96 W dimmable, 24 V).

24 V DIMMABLE POWER SUPPLIES — MAXIMUM FLEX NEON LENGTH (80% LOAD)

Power	Code	Dimming	Maximum flex
24 W	LCPSLCODIM-24V-24W	TRIAC	4.4 ft · 1.3 m
48 W	LCPSLCODIM-24V-48W	TRIAC	8.7 ft · 2.7 m
96 W	LCPSLCODIM-24V-96W	TRIAC	17.5 ft · 5.3 m
200 W	LCPSLCODIM-24V-200W	TRIAC	36.5 ft · 11.1 m
300 W	LCPSLCODIM-24V-300W	TRIAC	54.7 ft · 16.7 m
96 W	LCPSLCODIM-5IN1-24V-96W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	17.5 ft · 5.3 m
192 W	LCPSLCODIM-5IN1-24V-192W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	35.0 ft · 10.7 m
288 W	LCPSLCODIM-5IN1-24V-288W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	52.5 ft · 16.0 m

Beyond 5 m (16.4 ft) in one run, feed from several points (maximum run). The 192 W and 288 W 5-in-1 units have multiple outputs.

ACCESSORIES

	Code	Description	Sold
	LCENDCAP-FLX-TV-NH	End cap, no hole	each
	LCENDCAP-FLX-TV-H	End cap with hole (wire exit)	each
	LCENDCAP-FLX-TV-H90	End cap with hole, 90° exit	each
	LCBRACK-FLEX-TV	Mounting bracket	each

² Custom (LED Builder): LCSOU24VFLX-TV-14W-27K · same logic for the other colors.

CUSTOM FABRICATION [Get a quote in minutes: LED Builder · ledco.ca/en/custom](#)



COLOR TEMPERATURES

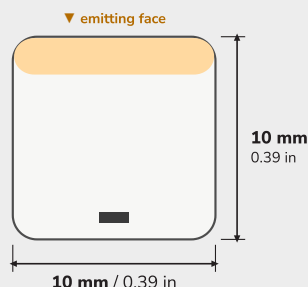


3000K



Bending: vertical

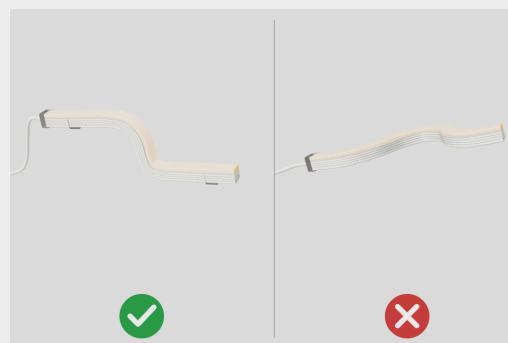
DIMENSIONS, BENDING AND CUTTING



Cross-section to scale



Bending direction: it bends like a belt



✓ bends this way · ✗ never the other way

✂ Cut every 33.33 mm, only at the cut marks.

NO HOT SPOTS, NO GLARE

24 V flex neon with a built-in opal diffuser: it removes hot spots and glare, even facing white or reflective surfaces. For drywall bulkheads, kitchen islands, hotels, showcases and offices where visual comfort matters. Available in 3000K, in 5 m and 20 m rolls.

FEATURES

- Opal diffuser: no visible hot spots.
- Reduced glare (UGR).
- CRI 90+: true color rendering.
- Dimmable (PWM).
- IP66: covered damp locations.
- 5 m and 20 m rolls.

PHYSICAL

Cross-section	10 × 10 mm
LEDs per meter	120 (SMD 2835)
Diffuser	opal silicone
Cut	every 33.33 mm
Bending	vertical
Protection rating	IP66
Certification	cETLus
Lifespan	50,000 h +

ORDERING

Build the product code

1 Series

LCLS24VFLX-10X10-GLARE-WH-9.6W 10 × 10 mm, 9.6 W/m

2 Roll

5M 5 m

20M 20 m

EXAMPLE

LCLS24VFLX-10X10-GLARE-WH-9.6W - 20M

10 × 10 mm, 9.6 W/m

20 m roll

PRODUCT RANGE — ALL CODES

Color	5 m roll	20 m roll
 3000K	LCLS24VFLX-10X10-GLARE-WH-9.6W-30K-5M	LCLS24VFLX-10X10-GLARE-WH-9.6W-30K-20M

SUGGESTED APPLICATIONS

- Drywall bulkheads and niches
- Kitchen islands
- Hotels, spas and high-end homes
- Showcases and exhibition spaces
- Offices and meeting rooms

ELECTRICAL AND OPTICAL

Voltage	24 V DC
Power (±10%)	9.6 W/m · 2.93 W/ft
Per 5 m roll	48 W
Efficacy	83.3 lm/W
Flux per meter	800 lm/m
Flux per foot	244 lm/ft
CRI	90+
Angle	120°
Dimmable	Yes (PWM)
Max. run	5 m

LOCATION RATING · IP66

- ☒ Dry ☒ Damp (covered) ☐ Wet

CHOOSING THE POWER SUPPLY: THE WATTS-PER-FOOT LOGIC

1 Watts per foot

$$9.6 \text{ W/m} \div 3.28 = 2.93 \text{ W/ft}$$

2 Flex neon load

$$20 \text{ ft} \times 2.93 \text{ W/ft} = 58.5 \text{ W}$$

3 Load at 80% max

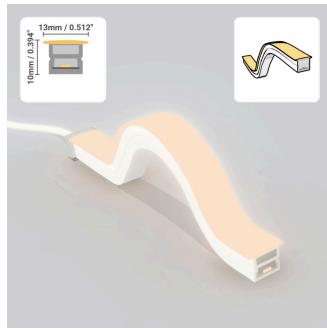
$$58.5 \text{ W} \div 0.80 = 73.2 \text{ W} \rightarrow 96 \text{ W}$$

Example: 20 ft of flex neon → LCPSLCODIM-24V-96W (96 W dimmable, 24 V).

24 V DIMMABLE POWER SUPPLIES — MAXIMUM FLEX NEON LENGTH (80% LOAD)

Power	Code	Dimming	Maximum flex
24 W	LCPSLCODIM-24V-24W	TRIAC	6.6 ft · 2.0 m
48 W	LCPSLCODIM-24V-48W	TRIAC	13.1 ft · 4.0 m
96 W	LCPSLCODIM-24V-96W	TRIAC	26.2 ft · 8.0 m
200 W	LCPSLCODIM-24V-200W	TRIAC	54.7 ft · 16.7 m
300 W	LCPSLCODIM-24V-300W	TRIAC	82.0 ft · 25.0 m
96 W	LCPSLCODIM-5IN1-24V-96W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	26.2 ft · 8.0 m
192 W	LCPSLCODIM-5IN1-24V-192W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	52.5 ft · 16.0 m
288 W	LCPSLCODIM-5IN1-24V-288W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	78.7 ft · 24.0 m

Beyond 5 m (16.4 ft) in one run, feed from several points (maximum run). The 192 W and 288 W 5-in-1 units have multiple outputs.

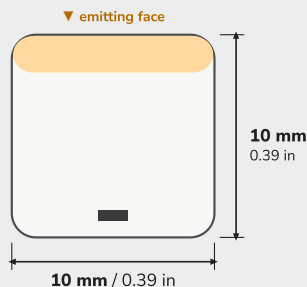


COLOR TEMPERATURES



Bending: vertical

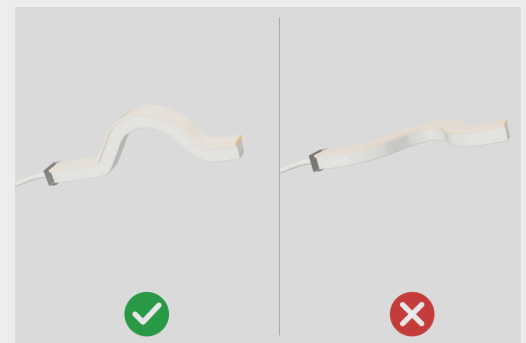
DIMENSIONS, BENDING AND CUTTING



Cross-section to scale



Bending direction: it bends like a belt



✓ bends this way · ✗ never the other way

✂ Cut free, only at the cut marks.

DESIGNED FOR FURNITURE

Ultra-compact 24 V flex neon designed for the inside of cabinets, showcases, shelves and custom furniture. Its side flanges hide small cutting and installation flaws. It cuts freely, to the exact length. Available in 3000K, in 5 m and 30 m rolls.

FEATURES

- Free cutting, to the exact length.
- Side flanges: clean finish.
- 130 LEDs per meter, even line.
- Dimmable.
- Low power: 8 W/m.
- 5 m and 30 m rolls.

PHYSICAL

Cross-section	10 × 10 mm
LEDs per meter	130
Cut	free
Bending	vertical
Protection rating	IP22
Operating temperature	-25 °C to +40 °C
Lifespan	50,000 h +

ELECTRICAL AND OPTICAL

Voltage	24 V DC
Power (±10%)	8 W/m · 2.44 W/ft
Per 5 m roll	40 W
Efficacy	43.8 to 52.5 lm/W
Flux per meter	350 to 420 lm/m
Flux per foot	107 to 128 lm/ft
CRI	80+
Dimmable	Yes

ORDERING

Build the product code

1 Series

LCLS24VFLX-CAB-8W 10 × 10 mm, 8 W/m

2 Roll

(rien) 5 m
30M 30 m

EXAMPLE

LCLS24VFLX-CAB-8W - 30M

10 × 10 mm, 8 W/m

30 m roll

PRODUCT RANGE — ALL CODES

Color	5 m roll	30 m roll
 3000K	LCLS24VFLX-CAB-8W-30K	LCLS24VFLX-CAB-8W-30K-30M

SUGGESTED APPLICATIONS

- Kitchen cabinets
- Showcases and displays
- Shelves
- Built-in custom furniture
- Bookcases and wall units

LOCATION RATING · IP22

- ☒ Dry ☐ Damp (covered) ☐ Wet

CHOOSING THE POWER SUPPLY: THE WATTS-PER-FOOT LOGIC

1 Watts per foot

$$8 \text{ W/m} \div 3.28 = 2.44 \text{ W/ft}$$

2 Flex neon load

$$20 \text{ ft} \times 2.44 \text{ W/ft} = 48.8 \text{ W}$$

3 Load at 80% max

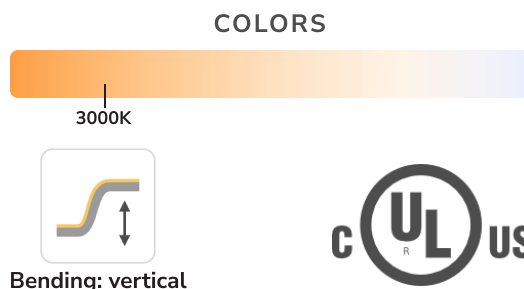
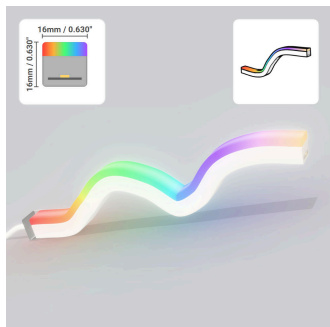
$$48.8 \text{ W} \div 0.80 = 61.0 \text{ W} \rightarrow 96 \text{ W}$$

Example: 20 ft of flex neon → LCPSL CODIM-24V-96W (96 W dimmable, 24 V).

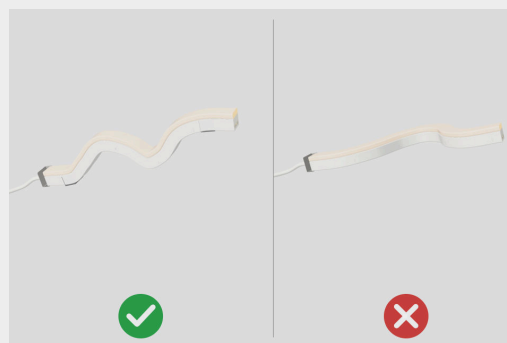
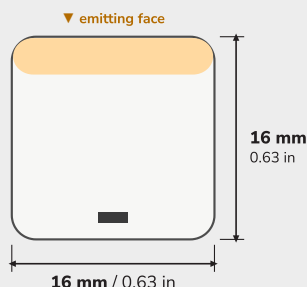
24 V DIMMABLE POWER SUPPLIES — MAXIMUM FLEX NEON LENGTH (80% LOAD)

Power	Code	Dimming	Maximum flex
24 W	LCPSL CODIM-24V-24W	TRIAC	7.9 ft · 2.4 m
48 W	LCPSL CODIM-24V-48W	TRIAC	15.7 ft · 4.8 m
96 W	LCPSL CODIM-24V-96W	TRIAC	31.5 ft · 9.6 m
200 W	LCPSL CODIM-24V-200W	TRIAC	65.6 ft · 20.0 m
300 W	LCPSL CODIM-24V-300W	TRIAC	98.4 ft · 30.0 m
96 W	LCPSL CODIM-5IN1-24V-96W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	31.5 ft · 9.6 m
192 W	LCPSL CODIM-5IN1-24V-192W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	63.0 ft · 19.2 m
288 W	LCPSL CODIM-5IN1-24V-288W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	94.5 ft · 28.8 m

The 192 W and 288 W 5-in-1 units have multiple outputs.



DIMENSIONS, BENDING AND CUTTING



Cross-section to scale

Bending direction: it bends like a belt

✓ bends this way · ✗ never the other way

COLOR AND WHITE IN ONE FLEX

Large 16 × 16 mm 24 V flex neon diffused from the top: RGB colors and 3000K warm white in the same roll, to switch from a colored mood to functional white light. For facades, suspended ceilings, XL coves, bars and events. Available in 5 m and 10 m rolls.

FEATURES

- RGB + 3000K white in the same flex.
- Large 16 × 16 mm, intense continuous light.
- CRI 90+ on white.
- 5-pin connector: RGBW controller required.
- IP66: covered damp locations.
- 5 m and 10 m rolls.

PHYSICAL

Cross-section	16 × 16 mm
LEDs per meter	240 (RGB 2835 + white 2216)
PCB width	12 mm
Bending	vertical
Lead	15 cm, one end
Connector	5-pin (RGBW)
Protection rating	IP66
Lifespan	50,000 h +

ELECTRICAL AND OPTICAL

Voltage	24 V DC
Power (±10%)	20 W/m · 6.10 W/ft
Per 5 m roll	100 W
Colors	RGB + 3000K
CRI (white)	90+
Dimmable	Yes (RGBW controller)
Max. run	5 m

ORDERING

Build the product code

1 Series

LCLS24VFLX-16X16-TV-20W-RGBW-30K 16 × 16 mm, 20 W/m

2 Roll

(rien) 5 m
10M 10 m

EXAMPLE

LCLS24VFLX-16X16-TV-20W-RGBW-30K - 10M

16 × 16 mm, 20 W/m

10 m roll

PRODUCT RANGE — ALL CODES

Color	5 m roll	10 m roll
RGB + 3000K	LCLS24VFLX-16X16-TV-20W-RGBW-30K	LCLS24VFLX-16X16-TV-20W-RGBW-30K-10M

SUGGESTED APPLICATIONS

- Storefronts and restaurants
- Suspended ceilings, XL coves
- Game rooms, home theaters, bars
- Events and stages
- Showcases and signage

LOCATION RATING · IP66

- ☒ Dry
 ☒ Damp (covered)
 ☐ Wet

CHOOSING THE POWER SUPPLY: THE WATTS-PER-FOOT LOGIC

1 Watts per foot

$$20 \text{ W/m} \div 3.28 = 6.10 \text{ W/ft}$$

2 Flex neon load

$$12 \text{ ft} \times 6.10 \text{ W/ft} = 73.2 \text{ W}$$

3 Load at 80% max

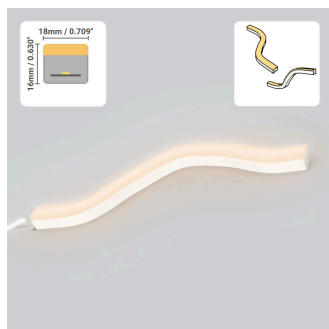
$$73.2 \text{ W} \div 0.80 = 91.4 \text{ W} \rightarrow 96 \text{ W}$$

Example: 12 ft of flex neon → LCPSL CODIM-24V-96W (96 W dimmable, 24 V).

24 V DIMMABLE POWER SUPPLIES — MAXIMUM FLEX NEON LENGTH (80% LOAD)

Power	Code	Dimming	Maximum flex
24 W	LCPSL CODIM-24V-24W	TRIAC	3.1 ft · 1.0 m
48 W	LCPSL CODIM-24V-48W	TRIAC	6.3 ft · 1.9 m
96 W	LCPSL CODIM-24V-96W	TRIAC	12.6 ft · 3.8 m
200 W	LCPSL CODIM-24V-200W	TRIAC	26.2 ft · 8.0 m
300 W	LCPSL CODIM-24V-300W	TRIAC	39.4 ft · 12.0 m
96 W	LCPSL CODIM-5IN1-24V-96W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	12.6 ft · 3.8 m
192 W	LCPSL CODIM-5IN1-24V-192W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	25.2 ft · 7.7 m
288 W	LCPSL CODIM-5IN1-24V-288W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	37.8 ft · 11.5 m

Beyond 5 m (16.4 ft) in one run, feed from several points (maximum run). The 192 W and 288 W 5-in-1 units have multiple outputs.



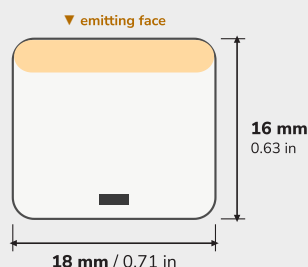
COLOR TEMPERATURES



Bending: side and vertical



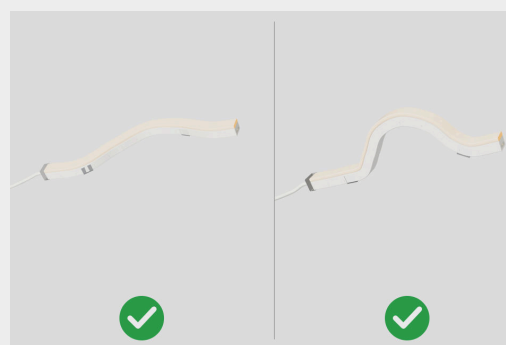
DIMENSIONS, BENDING AND CUTTING



Cross-section to scale



Bending direction: side and vertical



✓ bends both ways

✂ Cut every 24 mm, only at the cut marks.

BRING OUT THE TEXTURES

24 V flex neon with a directional 30° beam for wall washing and facade lighting: it brings out stone, brick and concrete. It bends both ways to follow the architecture. Available in 3000K, in a 5 m roll.

FEATURES

- Directional 30° beam.
- Side and vertical bend.
- 1,600 lm/m, CRI 90+.
- Dimmable.
- IP65: covered outdoor.
- 5 m roll.

PHYSICAL

Cross-section	18 × 16 mm
LEDs per meter	42
Cut	every 24 mm
Bending	side and vertical
Protection rating	IP65
Lifespan	50,000 h +
Warranty	3 years

ORDERING

Build the product code

1 Series

LCLS24VFLX-WW-20W-30K-30D-IP66 18 × 16 mm, 20 W/m

2 Roll

(rien) 5 m

EXAMPLE

LCLS24VFLX-WW-20W-30K-30D-IP66

18 × 16 mm, 20 W/m

PRODUCT RANGE — ALL CODES

Color

5 m roll



3000K

LCLS24VFLX-WW-20W-30K-30D-IP66

SUGGESTED APPLICATIONS

- Wall washing: stone, brick, concrete
- Facades and storefronts
- Gardens, patios and pergolas
- Art galleries and museums
- Signs

ELECTRICAL AND OPTICAL

Voltage	24 V DC
Power (±10%)	20 W/m · 6.10 W/ft
Per 5 m roll	100 W
Efficacy	80 lm/W
Flux per meter	1,600 lm/m
Flux per foot	488 lm/ft
CRI	90+
Beam	30°
Dimmable	Yes
Max. run	5 m

LOCATION RATING · IP65

- ☒ Dry
 ☒ Damp (covered)
 ☐ Wet

CHOOSING THE POWER SUPPLY: THE WATTS-PER-FOOT LOGIC

1 Watts per foot

$$20 \text{ W/m} \div 3.28 = 6.10 \text{ W/ft}$$

2 Flex neon load

$$12 \text{ ft} \times 6.10 \text{ W/ft} = 73.2 \text{ W}$$

3 Load at 80% max

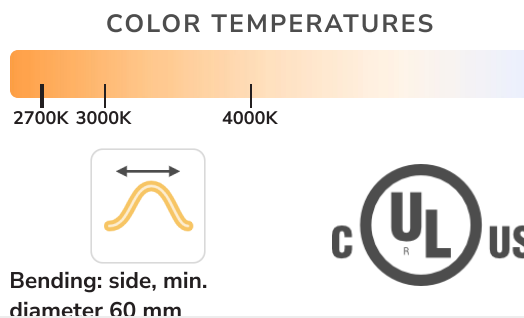
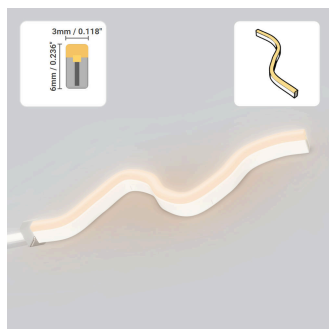
$$73.2 \text{ W} \div 0.80 = 91.4 \text{ W} \rightarrow 96 \text{ W}$$

Example: 12 ft of flex neon → LCPSL CODIM-24V-96W (96 W dimmable, 24 V).

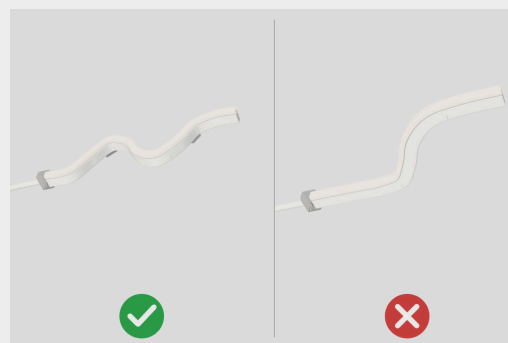
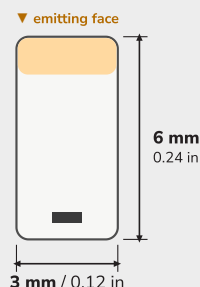
24 V DIMMABLE POWER SUPPLIES — MAXIMUM FLEX NEON LENGTH (80% LOAD)

Power	Code	Dimming	Maximum flex
24 W	LCPSL CODIM-24V-24W	TRIAC	3.1 ft · 1.0 m
48 W	LCPSL CODIM-24V-48W	TRIAC	6.3 ft · 1.9 m
96 W	LCPSL CODIM-24V-96W	TRIAC	12.6 ft · 3.8 m
200 W	LCPSL CODIM-24V-200W	TRIAC	26.2 ft · 8.0 m
300 W	LCPSL CODIM-24V-300W	TRIAC	39.4 ft · 12.0 m
96 W	LCPSL CODIM-5IN1-24V-96W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	12.6 ft · 3.8 m
192 W	LCPSL CODIM-5IN1-24V-192W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	25.2 ft · 7.7 m
288 W	LCPSL CODIM-5IN1-24V-288W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	37.8 ft · 11.5 m

Beyond 5 m (16.4 ft) in one run, feed from several points (maximum run). The 192 W and 288 W 5-in-1 units have multiple outputs.



DIMENSIONS, BENDING AND CUTTING



Cross-section to scale

Bending direction: it bends like a snake

✓ bends this way · ✗ never the other way

✂ Cut every 33.33 mm, only at the cut marks.

THE SLIMMEST OF THE RANGE

24 V flex neon, 3 mm wide, diffused through its edge: it bends like a snake and fits the tightest spaces, for discreet signage and fine outlines. A continuous line of light with no visible hot spots. Available in 5 m and 30 m rolls, in 2700K, 3000K and 4000K.

FEATURES

- Side bend, 3 mm visible width.
- Continuous diffusion, no hot spots.
- Minimum bending diameter: 60 mm.
- Dimmable.
- IP66: covered damp locations.
- 5 m and 30 m rolls.

PHYSICAL

Cross-section	3 × 6 mm
LEDs per meter	180 (SMD 2216)
PCB width	4 mm
Cut	every 33.33 mm
Bending	side, min. diameter 60 mm
Lead	15 cm, one end
Protection rating	IP66
Lifespan	50,000 h +

ORDERING

Build the product code

1 Series

LCLS24VFLX-3X6-9.6W 3 × 6 mm, 9.6 W/m

2 Color

27K 2700K
30K 3000K
40K 4000K

3 Roll

(rien) 5 m
30M 30 m
Custom by the inch ²

EXAMPLE **LCLS24VFLX-3X6-9.6W - 30K - 30M**

 3 × 6 mm, 9.6 W/m 3000K 30 m roll

PRODUCT RANGE — ALL CODES

Color	5 m roll	30 m roll
 2700K	LCLS24VFLX-3X6-9.6W-27K	LCLS24VFLX-3X6-9.6W-27K-30M
 3000K	LCLS24VFLX-3X6-9.6W-30K	LCLS24VFLX-3X6-10W-30K-30M
 4000K	LCLS24VFLX-3X6-9.6W-40K	LCLS24VFLX-3X6-9.6W-40K-30M

SUGGESTED APPLICATIONS

- Very tight spaces
- Discreet signage, fine outlines
- Decorative and architectural accents
- Stair risers, backsplashes and frames

ELECTRICAL AND OPTICAL

Voltage	24 V DC
Power (±10%)	9.6 W/m · 2.93 W/ft
Per 5 m roll	48 W
Efficacy	26 lm/W
Flux per meter	250 lm/m
Flux per foot	76.2 lm/ft
CRI	90+
Angle	60°
Dimmable	Yes
Max. run	5 m

LOCATION RATING · IP66

- ✓ Dry ✓ Damp (covered) ✗ Wet

CHOOSING THE POWER SUPPLY: THE WATTS-PER-FOOT LOGIC

- 1 Watts per foot**
 $9.6 \text{ W/m} \div 3.28 = 2.93 \text{ W/ft}$
- 2 Flex neon load**
 $20 \text{ ft} \times 2.93 \text{ W/ft} = 58.5 \text{ W}$
- 3 Load at 80% max**
 $58.5 \text{ W} \div 0.80 = 73.2 \text{ W} \rightarrow 96 \text{ W}$

Example: 20 ft of flex neon → LCPSLCODIM-24V-96W (96 W dimmable, 24 V).

24 V DIMMABLE POWER SUPPLIES — MAXIMUM FLEX NEON LENGTH (80% LOAD)

Power	Code	Dimming	Maximum flex
24 W	LCPSLCODIM-24V-24W	TRIAC	6.6 ft · 2.0 m
48 W	LCPSLCODIM-24V-48W	TRIAC	13.1 ft · 4.0 m
96 W	LCPSLCODIM-24V-96W	TRIAC	26.2 ft · 8.0 m
200 W	LCPSLCODIM-24V-200W	TRIAC	54.7 ft · 16.7 m
300 W	LCPSLCODIM-24V-300W	TRIAC	82.0 ft · 25.0 m
96 W	LCPSLCODIM-5IN1-24V-96W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	26.2 ft · 8.0 m
192 W	LCPSLCODIM-5IN1-24V-192W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	52.5 ft · 16.0 m
288 W	LCPSLCODIM-5IN1-24V-288W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	78.7 ft · 24.0 m

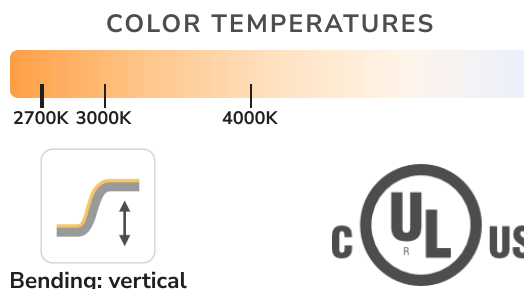
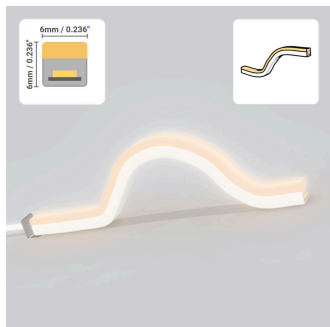
Beyond 5 m (16.4 ft) in one run, feed from several points (maximum run). The 192 W and 288 W 5-in-1 units have multiple outputs.

ACCESSORIES

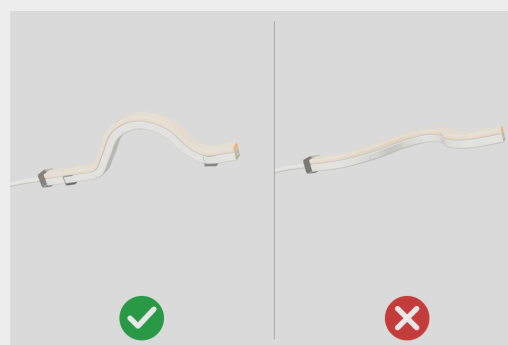
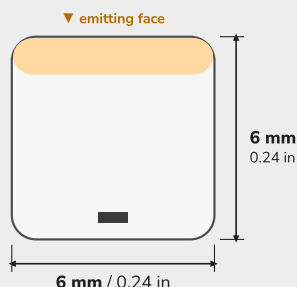
	Code	Description	Sold
	LCENDCAP-FLX-3X6	End cap, no hole	each
	LCENDCAP-FLX-3X6-H	End cap with hole (wire exit)	each
	LCBRACK-FLEX-3X6	Mounting bracket	each

² Custom (LED Builder): LCSOU24VFLX-3X6-10W-30K · same logic for the other colors.

CUSTOM FABRICATION [Get a quote in minutes: LED Builder · ledco.ca/en/custom](#)



DIMENSIONS, BENDING AND CUTTING



Cross-section to scale

Bending direction: it bends like a belt

✓ bends this way · ✗ never the other way

✂ Cut every 27.78 mm, only at the cut marks.

COMPACT AND IP67 WATERPROOF

Compact 6 × 6 mm 24 V flex neon diffused from the top: it bends like a belt for decorative outlines, illuminated letters, backlit furniture and narrow niches. IP67 waterproof. Available in 5 m and 30 m rolls, in 2700K, 3000K and 4000K.

FEATURES

- Vertical bend, compact 6 × 6 mm.
- Continuous diffusion, no hot spots.
- IP67 waterproof.
- Dimmable.
- Mounting clip and bracket available.
- 5 m and 30 m rolls.

PHYSICAL

Cross-section	6 × 6 mm
Cut	every 27.78 mm
Bending	vertical
Protection rating	IP67
Operating temperature	-20 °C to +60 °C
Lifespan	50,000 h +

ELECTRICAL AND OPTICAL

Voltage	24 V DC
Power (±10%)	6 W/m · 1.83 W/ft
Per 5 m roll	30 W
CRI	90+
Angle	60°
Dimmable	Yes
Max. run	5 m

ORDERING

Build the product code

1 Series LCLS24VFLX-6X6-6W 6 × 6 mm, 6 W/m	2 Color 27K 2700K 30K 3000K 40K 4000K	3 Roll (rien) 5 m 30M 30 m Custom by the inch ²
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EXAMPLE	LCLS24VFLX-6X6-6W - 30K - 30M
	6 × 6 mm, 6 W/m 3000K 30 m roll

PRODUCT RANGE — ALL CODES

Color	5 m roll	30 m roll
2700K	LCLS24VFLX-6X6-6W-27K	LCLS24VFLX-6X6-6W-27K-30M
3000K	LCLS24VFLX-6X6-6W-30K	LCLS24VFLX-6X6-6W-30K-30M
4000K	LCLS24VFLX-6X6-6W-40K	LCLS24VFLX-6X6-6W-40K-30M

SUGGESTED APPLICATIONS

- Decorative outlines, illuminated letters
- Backlit furniture, art installations
- Fine signage
- Counters, stair risers and narrow niches

LOCATION RATING · IP67

✓ Dry	✓ Damp (covered)	✓ Wet
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CHOOSING THE POWER SUPPLY: THE WATTS-PER-FOOT LOGIC

1 Watts per foot $6 \text{ W/m} \div 3.28 = 1.83 \text{ W/ft}$	2 Flex neon load $20 \text{ ft} \times 1.83 \text{ W/ft} = 36.6 \text{ W}$	3 Load at 80% max $36.6 \text{ W} \div 0.80 = 45.7 \text{ W} \rightarrow 48 \text{ W}$
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Example: 20 ft of flex neon → LCPSLCODIM-24V-48W (48 W dimmable, 24 V).

24 V DIMMABLE POWER SUPPLIES — MAXIMUM FLEX NEON LENGTH (80% LOAD)

Power	Code	Dimming	Maximum flex
24 W	LCPSLCODIM-24V-24W	TRIAC	10.5 ft · 3.2 m
48 W	LCPSLCODIM-24V-48W	TRIAC	21.0 ft · 6.4 m
96 W	LCPSLCODIM-24V-96W	TRIAC	42.0 ft · 12.8 m
200 W	LCPSLCODIM-24V-200W	TRIAC	87.5 ft · 26.7 m
300 W	LCPSLCODIM-24V-300W	TRIAC	131.2 ft · 40.0 m
96 W	LCPSLCODIM-5IN1-24V-96W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	42.0 ft · 12.8 m
192 W	LCPSLCODIM-5IN1-24V-192W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	84.0 ft · 25.6 m
288 W	LCPSLCODIM-5IN1-24V-288W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	126.0 ft · 38.4 m

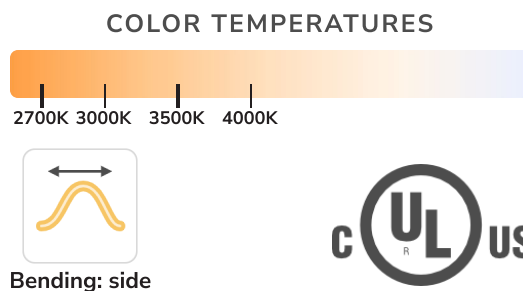
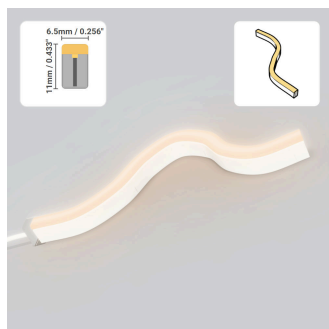
Beyond 5 m (16.4 ft) in one run, feed from several points (maximum run). The 192 W and 288 W 5-in-1 units have multiple outputs.

ACCESSORIES

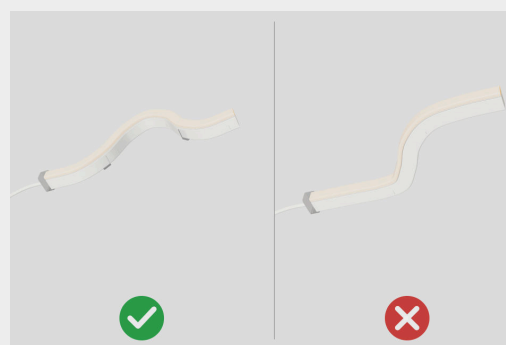
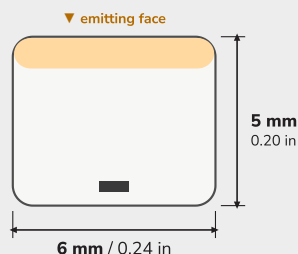
Code	Description	Sold
 LCENDCAP-FLX-6X6	End cap, no hole	each
 LCENDCAP-FLX-6X6-H	End cap with hole (wire exit)	each
 LCBRACK-FLEX-6X6	Mounting bracket	each
 LCCLIP-FLX-6X6	Mounting clip	each

² Custom (LED Builder): LCSOU24VFLX-6X6-6W-27K · same logic for the other colors.

CUSTOM FABRICATION [Get a quote in minutes: LED Builder · ledco.ca/en/custom](#)



DIMENSIONS, BENDING AND CUTTING



Cross-section to scale

Bending direction: it bends like a snake

✓ bends this way · ✗ never the other way

✂ Cut every 7.14 mm, only at the cut marks.

LIGHT FROM THE EDGE

24 V flex neon diffused through its narrow face: it bends like a snake to draw outlines, letters and shapes. A continuous line of light with no visible hot spots. Available in 5 m and 30 m rolls, in 2700K, 3000K, 3500K and 4000K.

FEATURES

- Side bend (narrow emitting face).
- Continuous diffusion, no hot spots.
- Short cut pitch: every 7.14 mm.
- Dimmable.
- IP66: covered damp locations.
- 5 m and 30 m rolls.

PHYSICAL

Cross-section	6.5 × 11 mm
LEDs per meter	140 (SMD 2835)
PCB width	8 mm
Cut	every 7.14 mm
Bending	side
Lead	15 cm, one end
Protection rating	IP66
Lifespan	50,000 h +

ELECTRICAL AND OPTICAL

Voltage	24 V DC
Power (±10%)	14.4 W/m · 4.39 W/ft
Per 5 m roll	72 W
Efficacy	120 lm/W
Flux per meter	1,728 lm/m
Flux per foot	527 lm/ft
CRI	90
Dimmable	Yes
Max. run	5 m

ORDERING

Build the product code

1 Series

LCLS24VFLX-SV-14W 6.5 × 11 mm, 14.4 W/m

2 Color

27K 2700K
30K 3000K
35K 3500K
40K 4000K

3 Roll

(rien) 5 m
30M 30 m
Custom by the inch ²

EXAMPLE **LCLS24VFLX-SV-14W** - **30K** - **30M**
6.5 × 11 mm, 14.4 W/m 3000K 30 m roll

PRODUCT RANGE — ALL CODES

Color	5 m roll	30 m roll
 2700K	LCLS24VFLX-SV-14W-27K	LCLS24VFLX-SV-14W-27K-30M
 3000K	LCLS24VFLX-SV-14W-30K	LCLS24VFLX-SV-14W-30K-30M
 3500K	LCLS24VFLX-SV-14W-35K	LCLS24VFLX-SV-14W-35K-30M
 4000K	LCLS24VFLX-SV-14W-40K	LCLS24VFLX-SV-14W-40K-30M

SUGGESTED APPLICATIONS

- Outlines, shelving and furniture
- Signage and illuminated lettering
- Wall bands and frames
- Niches, showcases and displays

LOCATION RATING · IP66

- ✓ Dry ✓ Damp (covered) ✗ Wet

CHOOSING THE POWER SUPPLY: THE WATTS-PER-FOOT LOGIC

1 Watts per foot

$$14.4 \text{ W/m} \div 3.28 = 4.39 \text{ W/ft}$$

2 Flex neon load

$$16 \text{ ft} \times 4.39 \text{ W/ft} = 70.2 \text{ W}$$

3 Load at 80% max

$$70.2 \text{ W} \div 0.80 = 87.8 \text{ W} \rightarrow 96 \text{ W}$$

Example: 16 ft of flex neon → LCPSL CODIM-24V-96W (96 W dimmable, 24 V).

24 V DIMMABLE POWER SUPPLIES — MAXIMUM FLEX NEON LENGTH (80% LOAD)

Power	Code	Dimming	Maximum flex
24 W	LCPSL CODIM-24V-24W	TRIAC	4.4 ft · 1.3 m
48 W	LCPSL CODIM-24V-48W	TRIAC	8.7 ft · 2.7 m
96 W	LCPSL CODIM-24V-96W	TRIAC	17.5 ft · 5.3 m
200 W	LCPSL CODIM-24V-200W	TRIAC	36.5 ft · 11.1 m
300 W	LCPSL CODIM-24V-300W	TRIAC	54.7 ft · 16.7 m
96 W	LCPSL CODIM-5IN1-24V-96W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	17.5 ft · 5.3 m
192 W	LCPSL CODIM-5IN1-24V-192W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	35.0 ft · 10.7 m
288 W	LCPSL CODIM-5IN1-24V-288W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	52.5 ft · 16.0 m

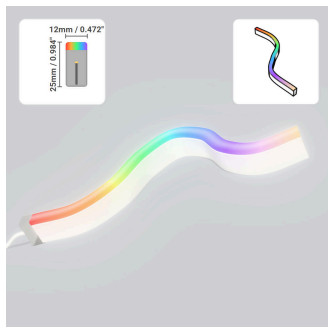
Beyond 5 m (16.4 ft) in one run, feed from several points (maximum run). The 192 W and 288 W 5-in-1 units have multiple outputs.

ACCESSORIES

Code	Description	Sold
 LCENDCAP-FLX-SV-NH	End cap, no hole	each
 LCENDCAP-FLX-SV-H	End cap with hole (wire exit)	each
 LCENDCAP-FLX-SV-H-90	End cap with hole, 90° exit	each
 LCBRACK-FLEX-SV	Mounting bracket	each

² Custom (LED Builder): LCSOU24VFLX-SV-14W-27K · same logic for the other colors.

CUSTOM FABRICATION [Get a quote in minutes: LED Builder · ledco.ca/en/custom](#)



DIMENSIONS, BENDING AND CUTTING



Bending direction: Side bend

✂ Cut every 71.4 mm, only at the cut marks.

BUILT FOR SUBMERSION

IP68 waterproof 24 V RGBW flex neon designed for swimming pools: RGB colors and 3000K warm white, side bend to follow curves. Supplied in a 10 m roll with factory-molded end caps.

FEATURES

- IP68 waterproof: submersible.
- RGB + 3000K white.
- Side bend.
- Factory-molded end caps.
- Clip and end cap available.
- 10 m roll.

PHYSICAL

Cross-section	12 × 25 mm
LEDs per meter	84
Cut	every 71.4 mm
Bending	side
Protection rating	IP68 (if not re-cut)
Operating temperature	-25 °C to +40 °C

ELECTRICAL AND OPTICAL

Voltage	24 V DC
Power (±10%)	14 W/m · 4.27 W/ft
Per 10 m roll	140 W
Colors	RGB + 3000K
Control	RGBW controller

ORDERING

Build the product code

1 Series

LCLS24VFLX-POOL-SV-RGBW-30K 12 × 25 mm, 14 W/m

2 Roll

10M 10 m

EXAMPLE **LCLS24VFLX-POOL-SV-RGBW-30K - 10M**

12 × 25 mm, 14 W/m 10 m roll

PRODUCT RANGE — ALL CODES

Color 10 m roll

RGB + 3000K LCLS24VFLX-POOL-SV-RGBW-30K-10M

SUGGESTED APPLICATIONS

- Swimming pools
- Spas

LOCATION RATING · IP68

- ✓ Dry
- ✓ Damp (covered)
- ✓ Wet
- ✓ Submersible

CHOOSING THE POWER SUPPLY: THE WATTS-PER-FOOT LOGIC

1 Watts per foot

$$14 \text{ W/m} \div 3.28 = 4.27 \text{ W/ft}$$

2 Flex neon load

$$16 \text{ ft} \times 4.27 \text{ W/ft} = 68.3 \text{ W}$$

3 Load at 80% max

$$68.3 \text{ W} \div 0.80 = 85.3 \text{ W} \rightarrow 96 \text{ W}$$

Example: 16 ft of flex neon → LCPSL CODIM-24V-96W (96 W dimmable, 24 V).

24 V DIMMABLE POWER SUPPLIES — MAXIMUM FLEX NEON LENGTH (80% LOAD)

Power	Code	Dimming	Maximum flex
24 W	LCPSL CODIM-24V-24W	TRIAC	4.5 ft · 1.4 m
48 W	LCPSL CODIM-24V-48W	TRIAC	9.0 ft · 2.7 m
96 W	LCPSL CODIM-24V-96W	TRIAC	18.0 ft · 5.5 m
200 W	LCPSL CODIM-24V-200W	TRIAC	37.5 ft · 11.4 m
300 W	LCPSL CODIM-24V-300W	TRIAC	56.2 ft · 17.1 m
96 W	LCPSL CODIM-5IN1-24V-96W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	18.0 ft · 5.5 m
192 W	LCPSL CODIM-5IN1-24V-192W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	36.0 ft · 11.0 m
288 W	LCPSL CODIM-5IN1-24V-288W-IP67	5-in-1: TRIAC, 0-10 V, 1-10 V, PWM, resistance	54.0 ft · 16.5 m

The 192 W and 288 W 5-in-1 units have multiple outputs.



24 V LED FLEX NEON
POOL FLEX NEON RGBW - SIDE BEND
LCLS24VFLX-POOL-SV-RGBW-30K

ACCESSORIES

Code	Description	Sold
LCLS24VFLX-POOL-ACC-CLIP	Mounting clip (pool)	each
LCLS24VFLX-POOL-ACC-ENDCAP	End cap (pool)	each