DayTech LED

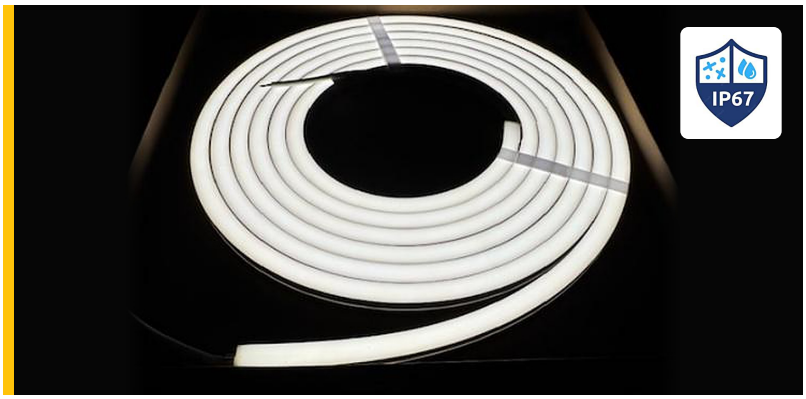
5250 Satellite Drive, Unit 7, Mississauga ON L4W 5G5
Tel 905-617-0298
www.daytechled.com

LED FLEX NEON · PRODUCT SPECIFICATION

1616 Series Flex NEON

PART NO. **FL-1616WW-NEON-10M-24V**

3 output levels · 16 × 16 mm silicone · 24V DC · IP67 · CRI 90 · 2700K–4000K



YOUR SELECTION

POWER · W/M	LUMENS	ROLL · M
8	116 lm/ft	10

BENDING	COLOUR TEMP.	PER ROLL
TOP + SIDE	3000K	80 W

STEP 1 · CHOOSE YOUR OUTPUT

☐ LOW OUTPUT — 8 W/m — 2.5 W/ft

LUMENS	116 lm/ft
ROLL LENGTH	10 m · 80 W
BENDING	Top + side
CCT	2700 / 3000 / 3500 / 4000K
DRIVER	Full roll on 1 × 96W

Best for: Soft accent glow, long runs

☐ MEDIUM OUTPUT — 12 W/m — 3.65 W/ft

LUMENS	188 lm/ft
ROLL LENGTH	6 m · 72 W
BENDING	Side only, R > 60 mm
CCT	2700 / 3000 / 3500 / 4000K
DRIVER	Full roll on 1 × 96W

Best for: Brighter accent, side contours

☐ HIGH OUTPUT — 14.4 W/m — 4.4 W/ft

LUMENS	300 lm/ft
ROLL LENGTH	5.5 m · 79 W
BENDING	Top + side
CCT	2700 / 3000 / 4000K
DRIVER	Full roll on 1 × 96W

Best for: Maximum brightness, feature lines

STEP 2 · CHOOSE COLOUR TEMPERATURE

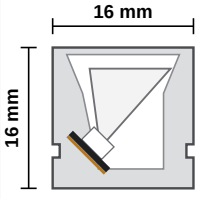
3500K available in low & medium output only

WARM ——— NEUTRAL

☐ 2700K ☐ 3000K std ☐ 3500K ☐ 4000K

COMMON SPECIFICATIONS

Profile	16 × 16 mm silicone
Voltage	24V DC
CRI (Ra)	90
IP rating	IP67 waterproof
Cut unit	Every 50 mm (2 in)
Operating temp.	-25 °C to 45 °C
Lifetime	30,000 h
Warranty	3 years



CROSS SECTION · MM

STEP 3 · ORDER

YOUR PART NUMBER

FL-1616WW-NEON-10M-24V

QTY (ROLLS) _____ PO # _____

PROJECT _____

TIP: All three outputs use the same 16 × 16 mm profile and accessories. See page 2 for the full part number matrix.

Specifications subject to change without notice.

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Part Number Finder & Accessories

PART NUMBER MATRIX

OUTPUT	2700K	3000K (std)	3500K	4000K
Low Output 8 W/m · 10 m	FL-1616WW-NEON-10M-24V-2700K	FL-1616WW-NEON-10M-24V	FL-1616WW-NEON-10M-24V-3500K	FL-1616-NEON-10M-24V-4000K
Medium Output 12 W/m · 6 m	FL-1616WW-NEON-S-6M-24V-2700K	FL-1616WW-NEON-S-6M-24V	FL-1616WW-NEON-S-6M-24V-3500K	FL-1616-NEON-S-6M-24V-4000K
High Output 14.4 W/m · 5.5 m	FL-1616WW-NEON-S-5.5M-24V-2700K	FL-1616WW-NEON-S-5.5M-24V	—	FL-1616-NEON-S-5.5M-24V-4000K

COMPATIBLE ACCESSORIES · FIT ALL 1616 OUTPUTS · SELECT TO ADD



NL-AP-1616-NEON-2M
Aluminum mounting channel
2 m
☐ ADD QTY



NL-AP-1616-NEON-1M-BD
Bendable mounting profile
1 m · bendable
☐ ADD QTY



FL-1616WW-NEON-FC
Metal mounting clip
30 × 17.5 mm
☐ ADD QTY



FL-1616-NEON-EC
End cap, without hole
Closed end
☐ ADD QTY



FL-1616-NEON-EC-P
End cap, wire outlet on side
Feed end
☐ ADD QTY



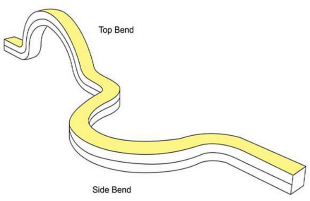
DT-0.8M-Ends
20 AWG flat white cable, tinned ends
LENGTH ☐ 0.8m ☐ 1.5m ☐ 3.5m
☐ ADD QTY



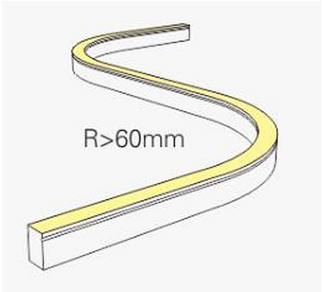
DT-CWSC-2S-STR
Compact low-voltage wire splice
14–20 AWG
☐ ADD QTY

DT-0.8M-Ends: select 0.8 m, 1.5 m or 3.5 m (DT-1.5M-Ends / DT-3.5M-Ends), packed individually. Join leads with DT-CWSC-2S-STR.

BENDING & DIMENSIONS



TOP + SIDE · low & high output



SIDE ONLY · medium output

INSTALLATION NOTES

- Cut only at the marked lines, every 50 mm (2 in).
- Fit EC-P at the feed end and EC at the far end to keep IP67.
- Mount in the 2M channel, 1M-BD bendable profile or FC clips.
- Bend only in the directions listed for your output; do not twist or kink.
- Each full roll runs on a single 96W 24V DC driver.
- Outdoor / wet locations: use a driver rated for the location.