REVOLUTIONARY
LED NEON FLEX
SERIES
For decades, glass neon has been the mainstay of outdoor linear lighting. The deficiencies of glass neon are well known and include complicated installation, fragile tubing and components, potential shock hazards, high maintenance cost, high power consumption, and are typically ruined in severe weather. Manufacturers have worked towards offering new alternatives but none have been able to completely solve these deficiencies effectively. Most alternatives to glass neon still suffer from one or more of the weaknesses of traditional glass neon.

Utilizing advanced LED technology and new material processing techniques, LED Neon Flex compares visually to traditional glass neon without giving off any hot spots. LED Neon Flex is flexible and not ridged and easily breakable like traditional glass neon tubing. LED Neon Flex can be cut with standard tools and bent and formed by hand. Installation can be completed in minutes instead of hours without expensive, professional help. LED Neon Flex is waterproof and utilizes standard AC or DC voltages which make the product significantly safer than glass neon. LED Neon Flex is not breakable and is virtually indestructible.

In keeping with our tradition of continually researching and developing the latest technology and processes, LEDPRO is proud to announce new revolutionary enhancements to the LED Neon Flex Series. LEDPRO has incorporated the latest encapsulated high-grade SMD LEDs in a new and unique PVC jacket housing which achieves equal brightness and visual intensity as that of traditional glass neon. Now there truly is a glass neon replacement which is the “new and improved” LED Neon Flex Professional.

We also hold a portfolio of worldwide patents for the LED Neon Flex Series. This invention patent stands to strengthen the promotion and distributing of our LED Neon Flex Series by our global partners who continue to share in this product’s success and profitability.

Leadership and Innovation comes at a cost. Due to the enormity of the success of LED Neon Flex, there has been a surge of “non-licensed” imitations emerging in the market that infringe on our patents. These unscrupulous copies are of poor quality and are being sold at prices relative to their inferior quality level.

Introduction to the REVOLUTIONARY LED NEON FLEX SERIES
LEDPRO’s LED Neon Flex is manufactured by a fully-automated process. No plating. No corrosion. Does not produce harmful ultraviolet or infra-red. It does not contain mercury and/or other harmful substances. Does not use chemicals in production. Conservies water resources, offers significant energy saving and is environmentally friendly. LEDPRO is compliance with ROHS standards.

**Environmentally Friendly**

**Heat Radiation**

Traditional LED Neon Flex uses a thin copper foil to conduct heat, the radiation area is relatively small, with low thermal efficiency, and may allow the light to overheat causing light decay, which may affect longevity. LEDPRO’s LED Neon Flex uses a continuous ribbon of flattened pure copper to enhance thermal conductivity. This method reduces overheating from traditional production by up to 35%.

**Durability**

Traditional DIP LEDs uses a thin copper foil and a fine conductive copper wire that bends and stretches and is prone to failure. LEDPRO’s new SMD lamps offer a new stable circuit technologies and has upgraded the SMD structure so that the body becomes more durable and reliable even during bending and stretching.

**Brightness and Quality**

LEDPRO’s new LED Neon Flex uses advanced large-size SMD LEDs. The light source is 30% brighter than similar products on the market. SMD LEDS are mounted on a circuit board bonded with Polyimide Film, rated one of the best insulating material available. Polyimide Film can endure long durations in temperatures ranging between -270°C and 230°C. New automated production methods and new technology ensured our products have good environmental adaptability, greatly increasing light strength and product longevity.

**Color Uniformity**

LEDPRO’s new LED Neon Flex has a reasonable distribution of bulbs on the flexible circuit board surface. The new LED Neon Flex will have higher brightness with even light distribution than what is currently on the market.

**Versatility**

LEDPRO’s new LED Neon Flex can be cut in different lengths according to the need. It is very easy to install without professional help, and can be connected up to 100 meters in length with simple accessories. It can be bent into any pattern or shape.
COLOR

Single Color
Available Colors for LED Neon Flex

Color Temperature
Nominal CCT:
WW: 2700K, 3000K
NW: 4000K
CW: 6500K

Function for LED RGB Neon Flex
Color Changing for every color, Chasing, Flashing, Cascading & Illusion

LED Vision Neon Flex
Color Changing and Motion Graphic display effect
REVOLUTIONARY
LED NEON FLEX
SERIES

8X16mm
8.5X18mm
15X26mm
Ø24mm
20X20mm
16X20mm
12X15mm
LED MINI NEON FLEX

FEATURES
- Super bright LEDs
- Smaller than Neon Rope Light, up to 8x16mm
- Ultra-Flexible, unbreakable light body
- Eco-friendly with low energy consumption
- Various colors available
- Low Voltage with low heat, highly safe

APPLICATIONS
Residential/Commercial/Municipal; Interior/Exterior; Architectural; Landscaping; Gardens; Seasonal/Artistic Décor. Effects: Outlining, Back Light, Motif Designs, Mood Creation – applications only limited by imagination.
### 240V LED Mini Neon Flex

**PRODUCT PARAMETERS**

<table>
<thead>
<tr>
<th>Item NO.</th>
<th>LED</th>
<th>Voltage</th>
<th>Length (m)</th>
<th>LED Qty (pcs/m)</th>
<th>LED Color</th>
<th>Cutting Unit (m)</th>
<th>Watts (W/m)</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>LP-ISN-FX-FPC-2835</td>
<td>628x7 2835</td>
<td>240V</td>
<td>10</td>
<td>0.83</td>
<td>WW / W</td>
<td>0.33</td>
<td>120</td>
<td>0.33</td>
</tr>
</tbody>
</table>

- Input voltage: 100-240V
- Output voltage: 50-110V, 1.7A
- Input voltage: 100-240V
- Output voltage: 25-60V, 1.7A
- Input voltage: 100-240V
- Output voltage: 8-30V, 1.7A

**MARKET PACKAGING**

- Commercial Market
- Seasonal Market
- DIY Market

**Colour Rendering Index**

Ra ≥ 80

**Length:** 50m

**IP68**

### 120V LED Mini Neon Flex

**PRODUCT PARAMETERS**

<table>
<thead>
<tr>
<th>Item NO.</th>
<th>LED</th>
<th>Voltage</th>
<th>Length (m)</th>
<th>LED Qty (pcs/m)</th>
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<th>Watts (W/m)</th>
<th>Driver</th>
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<tbody>
<tr>
<td>LP-ISN-FX-FPC-2835</td>
<td>628x7 2835</td>
<td>120V</td>
<td>10</td>
<td>0.83</td>
<td>WW / W</td>
<td>0.33</td>
<td>120</td>
<td>16</td>
</tr>
</tbody>
</table>
- Input voltage: 100-240V
- Output voltage: 50-110V, 1.7A
- Input voltage: 100-240V
- Output voltage: 25-60V, 1.7A
- Input voltage: 100-240V
- Output voltage: 8-30V, 1.7A

**MARKET PACKAGING**

- Commercial Market
- Seasonal Market
- DIY Market

**Colour Rendering Index**

Ra ≥ 80

**Length:** 50m

**IP68**

**Wattage:** 1.6A
### 24V LED MINI NEON FLEX

**PRODUCT PARAMETERS**

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<tr>
<th>Item NO.</th>
<th>LED</th>
<th>Voltage</th>
<th>LED Spacing (cm)</th>
<th>LED Qty (pcs/m)</th>
<th>LED Color</th>
<th>Cutting Unit (m)</th>
<th>Watts (W/m)</th>
<th>Max Loading Length with 1.6A convertor (m)</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>LP-SN-FX-FPC-3528</td>
<td>3528</td>
<td>24V</td>
<td>1.67</td>
<td>60</td>
<td>WW /W /B /G</td>
<td>0.1</td>
<td>4.8</td>
<td>10</td>
<td>power wire + convertor</td>
</tr>
</tbody>
</table>

**MARKET PACKAGING**

- **COMMERCIAL MARKET**
  - Length: 50m
- **SEASONAL MARKET**
  - Length: 4 / 6 / 10m
- **DIY MARKET**
  - Length: 4 / 6 / 10m

### 12V LED MINI NEON FLEX

**PRODUCT PARAMETERS**

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<tr>
<th>Item NO.</th>
<th>LED</th>
<th>Voltage</th>
<th>LED Spacing (cm)</th>
<th>LED Qty (pcs/m)</th>
<th>LED Color</th>
<th>Cutting Unit (m)</th>
<th>Watts (W/m)</th>
<th>Max Loading Length with 1.6A convertor (m)</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>LP-SN-FX-FPC-3528</td>
<td>3528</td>
<td>12V</td>
<td>1.67</td>
<td>60</td>
<td>WW /W /B /G</td>
<td>0.05</td>
<td>4.8</td>
<td>5</td>
<td>power wire + convertor</td>
</tr>
</tbody>
</table>

**MARKET PACKAGING**

- **COMMERCIAL MARKET**
  - Length: 50m
- **SEASONAL MARKET**
  - Length: 4 / 6 / 10m
- **DIY MARKET**
  - Length: 4 / 6 / 10m
LED MINI NEON FLEX

CONNECTION AND ACCESSORIES

1. Easy Splice Connector (Indoor and Outdoor use)

- Power Connector
- Splicable Connector
- Attachable End Cap

2. Molded Connector (IP65)

- Power Connector
- Molded End Cap

ACCESSORIES

For 240V/120V

- Power Connector
- Splicable Connector
- Attachable End Cap

ACCESSORIES

For 24V/12V

- Transformer
- Simple Connector
- Heat Shrink Tube
- Aluminum Clip

ACCESSORIES

For Constant Current Power Supply

- Constant Current Power Supply - CCP(W)-5017 (for 6-10m)
- Constant Current Power Supply - CCP(W)-2517 (for 3-6m)
- Constant Current Power Supply - CCP(W)-0817 (for 1-3m)

INSTALLATION NOTES

- Cutting Mark
- Linear Installation
- Curve Installation
REVOLUTIONARY LED NEON FLEX SERIES

8X16mm
8.5X18mm
15X26mm
Ø24mm
20X20mm
16X20mm
12X15mm
LED DOUBLE SIDED NEON FLEX

FEATURES
- Double sided lighting effect
- Super Bright LEDs
- Smaller than Neon Rope Light, up to 8.5x18mm
- Ultra-Flexible, unbreakable light body
- Eco-friendly with low energy consumption
- Various colors available
- Low Voltage with low heat, highly safe

APPLICATIONS
Residential/Commercial/Municipal; Interior/Exterior; Architectural; Landscaping; Gardens; Seasonal/Artistic Décor. Effects: Outlining, Back Light, Motif Designs, Mood Creation – applications only limited by imagination.
# 240V LED DOUBLE SIDED NEON FLEX

## PRODUCT PARAMETERS

<table>
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<tr>
<th>Item NO.</th>
<th>LED</th>
<th>Voltage</th>
<th>Length (m)</th>
<th>LED Qty (pcs/m)</th>
<th>LED Color</th>
<th>Cutting Unit (m)</th>
<th>Watts (W/m)</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED-IDSN-FX-FPC-2835</td>
<td>2835</td>
<td>240V</td>
<td>5</td>
<td>120</td>
<td>WW / W</td>
<td>0.33</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.83-110V</td>
<td>1.7A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item NO.</th>
<th>LED</th>
<th>Voltage</th>
<th>Length (m)</th>
<th>LED Qty (pcs/m)</th>
<th>LED Color</th>
<th>Cutting Unit (m)</th>
<th>Watts (W/m)</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED-IDSN-FX-FPC-3528</td>
<td>3528</td>
<td>240V</td>
<td>1.67</td>
<td>60</td>
<td>WW / W / G / P / PP</td>
<td>1</td>
<td>4.8</td>
<td>100</td>
</tr>
</tbody>
</table>

Max. Loading Length with 1.6A converter (m): 100

- Power wire + converter

## MARKET PACKAGING

- **COMMERCIAL MARKET**
- **SEASONAL MARKET**
- **DIY MARKET**

Length: 50 m
Length: 4 / 6 / 10 m
Length: 4 / 6 / 10 m

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# 120V LED DOUBLE SIDED NEON FLEX

## PRODUCT PARAMETERS

<table>
<thead>
<tr>
<th>Item NO.</th>
<th>LED</th>
<th>Voltage</th>
<th>Length (m)</th>
<th>LED Qty (pcs/m)</th>
<th>LED Color</th>
<th>Cutting Unit (m)</th>
<th>Watts (W/m)</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED-IDSN-FX-FPC-2835</td>
<td>2835</td>
<td>120V</td>
<td>5</td>
<td>120</td>
<td>WW / W</td>
<td>0.33</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.83-110V</td>
<td>1.7A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item NO.</th>
<th>LED</th>
<th>Voltage</th>
<th>Length (m)</th>
<th>LED Qty (pcs/m)</th>
<th>LED Color</th>
<th>Cutting Unit (m)</th>
<th>Watts (W/m)</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED-IDSN-FX-FPC-3528</td>
<td>3528</td>
<td>120V</td>
<td>1.67</td>
<td>60</td>
<td>WW / W / G / P / PP</td>
<td>0.5</td>
<td>4.8</td>
<td>40</td>
</tr>
</tbody>
</table>

Max. Loading Length with 1.6A converter (m): 40

- Power wire + converter

## MARKET PACKAGING

- **COMMERCIAL MARKET**
- **SEASONAL MARKET**
- **DIY MARKET**

Length: 50 m
Length: 4 / 6 / 10 m
Length: 4 / 6 / 10 m

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## 24V LED DOUBLE SIDED NEON FLEX

**PRODUCT PARAMETERS**

<table>
<thead>
<tr>
<th>Item NO.</th>
<th>LED</th>
<th>Voltage</th>
<th>LED Spacing (cm)</th>
<th>LED Qty (pcs/m)</th>
<th>LED Color</th>
<th>Cutting Unit (m)</th>
<th>Max Loading Length with 5A convertor (m)</th>
<th>Watts (W/m)</th>
<th>Power wire + convertor</th>
</tr>
</thead>
<tbody>
<tr>
<td>LP-DSN-FX-FPC-3528</td>
<td>3528</td>
<td>24V</td>
<td>1.67</td>
<td>60</td>
<td>WW / W / B / G / P / PP / R / Y / A</td>
<td>0.1</td>
<td>4.8</td>
<td>10</td>
<td>24V 50W Transformer</td>
</tr>
</tbody>
</table>

**MARKET PACKAGING**

- **COMMERCIAL MARKET**
  - Length: 50m
- **SEASONAL MARKET**
  - Length: 4 / 6 / 10m
- **DIY MARKET**
  - Length: 4 / 6 / 10m

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## 12V LED DOUBLE SIDED NEON FLEX

**PRODUCT PARAMETERS**

<table>
<thead>
<tr>
<th>Item NO.</th>
<th>LED</th>
<th>Voltage</th>
<th>LED Spacing (cm)</th>
<th>LED Qty (pcs/m)</th>
<th>LED Color</th>
<th>Cutting Unit (m)</th>
<th>Max Loading Length with 5A convertor (m)</th>
<th>Watts (W/m)</th>
<th>Power wire + convertor</th>
</tr>
</thead>
<tbody>
<tr>
<td>LP-DSN-FX-FPC-3528</td>
<td>3528</td>
<td>12V</td>
<td>1.67</td>
<td>60</td>
<td>WW / W / B / G / P / PP / R / Y / A</td>
<td>0.05</td>
<td>4.8</td>
<td>5</td>
<td>12V 25W Transformer</td>
</tr>
</tbody>
</table>

**MARKET PACKAGING**

- **COMMERCIAL MARKET**
  - Length: 50m
- **SEASONAL MARKET**
  - Length: 4 / 6 / 10m
- **DIY MARKET**
  - Length: 4 / 6 / 10m
LED DOUBLE SIDED NEON FLEX

CONNECTION AND ACCESSORIES

1. Easy Splice Connector (Indoor and Outdoor use)

2. Molded Connector (IP65)

ACCESSORIES

For 240V/120V

- SH Power Cord with 1.6A or 4A converter
- Simple Connector
- End Cap
- Heat Shrink Tube

For 24V/12V

- Transformer (only for low voltage)
- SH Power Cord with 1.6A or 4A converter
- Simple Connector
- End Cap
- Heat Shrink Tube

For Constant Current Power Supply

- Constant Current Power Supply - CCP(W)-0817 (for 1-3m)
- Constant Current Power Supply - CCP(W)-2517 (for 3-6m)
- Constant Current Power Supply - CCP(W)-5017 (for 6-10m)

INSTALLATION NOTES
REVOLUTIONARY

LED NEON FLEX

SERIES

8X16mm
8.5X18mm

15X26mm
Ø24mm
20X20mm
16X20mm
12X15mm
FEATURES
- Super Bright LEDs
- Ultra-Flexible, unbreakable light body
- Eco-friendly with low energy consumption
- Various colors available
- Low Voltage with low heat, highly safe

APPLICATIONS
Residential/Commercial/Municipal; Interior/Exterior; Architectural; Landscaping; Gardens; Seasonal/Artistic Décor.
Effects: Outlining, Back Light, Motif Designs, Mood Creation – applications only limited by imagination.

LED NEON FLEX

300 Lm/m

200 Lm/m
# LED LINEAR LIGHTING

## LED Neon Flex Series

### 240V LED NEON FLEX

**Product Parameters**

<table>
<thead>
<tr>
<th>Item NO.</th>
<th>LED Voltage</th>
<th>LED Spacing (cm)</th>
<th>LED Qty (pcs/m)</th>
<th>LED Color</th>
<th>Cutting Unit (m)</th>
<th>Watts (W/m)</th>
<th>Max. Loading Length with 1.6A convertor (m)</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>LP-LN(HQ)-FX-FPC-5252</td>
<td>240V</td>
<td>1.67</td>
<td>60</td>
<td>WW / W / B / G / P / PP</td>
<td>1</td>
<td>14.4</td>
<td>25</td>
<td>+ convertor</td>
</tr>
</tbody>
</table>

**Colour Rendering Index**

Ra ≥ 80

**Markets & Packaging**

- Commercial Market
- Seasonal Market
- DIY Market

- Length: 25m (300Lm/m)
- Length: 50m (200Lm/m)

### 120V LED NEON FLEX

**Product Parameters**

<table>
<thead>
<tr>
<th>Item NO.</th>
<th>LED Voltage</th>
<th>LED Spacing (cm)</th>
<th>LED Qty (pcs/m)</th>
<th>LED Color</th>
<th>Cutting Unit (m)</th>
<th>Watts (W/m)</th>
<th>Max. Loading Length with 1.6A convertor (m)</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>LP-LN-HQ-FX-FPC-5252</td>
<td>120V</td>
<td>1.67</td>
<td>60</td>
<td>WW / W / B / G / P / PP</td>
<td>1</td>
<td>7.2</td>
<td>15</td>
<td>+ convertor</td>
</tr>
</tbody>
</table>

**Colour Rendering Index**

Ra ≥ 80

**Markets & Packaging**

- Commercial Market
- Seasonal Market
- DIY Market

- Length: 25m
- Length: 4 / 6 / 10m
# 24V LED NEON FLEX

## PRODUCT PARAMETERS

<table>
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<th>LED Color</th>
<th>Cutting Unit (m)</th>
<th>Watts (Watt)</th>
<th>Max. Loading Length with 1.6A converter (m)</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>LP-LN(HQ)-FX-FPC-5252</td>
<td>High Bright 5252</td>
<td>24V</td>
<td>1.67</td>
<td>60</td>
<td>WW / W / B / G / P / PP / R / Y / A</td>
<td>0.1</td>
<td>14.4</td>
<td>power wire + convertor</td>
<td></td>
</tr>
<tr>
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<tr>
<td>LP-LN(FX-FPC-5050</td>
<td>5050</td>
<td>24V</td>
<td>1.67</td>
<td>60</td>
<td>WW / W / B / G / P / PP / R / Y / A</td>
<td>0.1</td>
<td>12</td>
<td>power wire + convertor</td>
<td></td>
</tr>
</tbody>
</table>

## Colour Rendering Index

<table>
<thead>
<tr>
<th>Ra ≥ 80</th>
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<tr>
<td>120°</td>
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<tr>
<td>IP68</td>
</tr>
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</table>

## MARKET PACKAGING

- **COMMERCIAL MARKET**
  - Length: 50m
- **SEASONAL MARKET**
  - Length: 4 / 6 / 10m
- **DIY MARKET**
  - Length: 4 / 6 / 10m

# 12V LED NEON FLEX

## PRODUCT PARAMETERS

<table>
<thead>
<tr>
<th>Item NO.</th>
<th>LED</th>
<th>Voltage</th>
<th>LED Spacing (cm)</th>
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<th>LED Color</th>
<th>Cutting Unit (m)</th>
<th>Watts (Watt)</th>
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<tbody>
<tr>
<td>LP-LN(HQ)-FX-FPC-5252</td>
<td>High Bright 5252</td>
<td>12V</td>
<td>1.67</td>
<td>60</td>
<td>WW / W / B / G / P / PP / R / Y / A</td>
<td>0.05</td>
<td>14.4</td>
<td>power wire + convertor</td>
<td></td>
</tr>
<tr>
<td></td>
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<tr>
<td>LP-LN(FX-FPC-5050</td>
<td>5050</td>
<td>12V</td>
<td>1.67</td>
<td>60</td>
<td>WW / W / B / G / P / PP / R / Y / A</td>
<td>0.05</td>
<td>12</td>
<td>power wire + convertor</td>
<td></td>
</tr>
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## Colour Rendering Index

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<th>Ra ≥ 80</th>
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<td>IP68</td>
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## MARKET PACKAGING

- **COMMERCIAL MARKET**
  - Length: 50m
- **SEASONAL MARKET**
  - Length: 4 / 6 / 10m
- **DIY MARKET**
  - Length: 4 / 6 / 10m
LED NEON FLEX

CONNECTION AND ACCESSORIES

1. Easy Splice Connector (Indoor and Outdoor use)

   - Power Connector
   - Splice Connector
   - Attachable End Cap

   1. Transparent movable electric plug
   2. Simple front connector
   3. Heat shrink tube
   4. PVC glue
   5. Simple middle connector
   6. Movable end cap

2. Molded Connector (IP65)

   - Power Connector
   - Molded End Cap

3. Conch Connector (IP65)

   - Power Connector
   - Splice connector
   - Attachable End Cap

   1. Electric plug
   2. Simple front connector
   3. Silicone glue
   4. PVC glue
   5. Simple middle connector
   6. Movable end cap
   7. Shell
   8. Self-attack screws

4. Extendible Connector (IP65)

   - Power Connector
   - Splice Connector
   - Attachable End Cap

   1. Electric plug
   2. Male connector with waterproof sleeve wrap
   3. Nuts and screws
   4. Female connector
   5. End plug with waterproof sleeve wrap

ACCESSORIES

For 240V/120V

- SH Power Cord with 1.6A or 4A converter
- Simple Connector
- End Cap
- Heat Shrink Tube
- Conch and accessories
- Aluminum Clip

For 24V/12V

- Transformer (only for 24V/12V)
- SH Power Cord with 1.6A or 4A converter
- Simple Connector
- End Cap
- Heat Shrink Tube
- Conch and accessories
- Aluminum Clip

INSTALLATION NOTES

- Cutting Mark
  - Must be cut only on the indicated mark
- Curve Installation
- Convex Installation
- Concave Installation
- Linear Installation
  - Apply an adhesive silicone between the channel base and fixture housing to prevent slippage and stretching over time.
- Convex Installation
  - Press LED Neon Flex into the channel with even pressure from the beginning to the end.
REVOLUTIONARY LED NEON FLEX SERIES

8X16mm
8.5X18mm
15X26mm
Ø24mm
20X20mm
16X20mm
12X15mm
LED OMNI NEON FLEX

FEATURES
- Super Bright LEDs
- Emits 360° light
- Equally radiant from any angle
- Ultra-Flexible, unbreakable light body
- Eco-friendly with low energy consumption
- Various colors available
- Low Voltage with low heat, highly safe

APPLICATIONS
Residential/Commercial/Municipal; Interior/Exterior; Architectural; Landscaping; Gardens; Seasonal/Artistic Décor.
Effects: Outlining, Back Light, Motif Designs, Mood Creation – applications only limited by imagination.
240V LED OMNI NEON FLEX

**PRODUCT PARAMETERS**

<table>
<thead>
<tr>
<th>Item NO.</th>
<th>LED Voltage</th>
<th>LED Spacing (cm)</th>
<th>LED Qty (pcs/m)</th>
<th>LED Color</th>
<th>Cutting Unit (m)</th>
<th>Watts (W)</th>
<th>Max.Lotading Length with 1.6A converter (m)</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>LP-OLN-FCB-352B</td>
<td>240V</td>
<td>1.27</td>
<td>78/2</td>
<td>WW / W / B / G / P / P / R / N / J / A</td>
<td>1</td>
<td>9.6</td>
<td>40</td>
<td>power wire + convertor</td>
</tr>
</tbody>
</table>

**MARKET PACKAGING**

- **COMMERCIAL MARKET**
  - Length: 25m
- **SEASONAL MARKET**
  - Length: 4 / 6 / 10m
- **DIY MARKET**
  - Length: 4 / 6 / 10m

**120V LED OMNI NEON FLEX**

**PRODUCT PARAMETERS**

<table>
<thead>
<tr>
<th>Item NO.</th>
<th>LED Voltage</th>
<th>LED Spacing (cm)</th>
<th>LED Qty (pcs/m)</th>
<th>LED Color</th>
<th>Cutting Unit (m)</th>
<th>Watts (W)</th>
<th>Max.Lotading Length with 1.6A converter (m)</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>LP-OLN-FCB-352B</td>
<td>120V</td>
<td>1.27</td>
<td>78/2</td>
<td>WW / W / B / G / P / P / R / N / J / A</td>
<td>0.5</td>
<td>9.6</td>
<td>20</td>
<td>power wire + convertor</td>
</tr>
</tbody>
</table>

**MARKET PACKAGING**

- **COMMERCIAL MARKET**
  - Length: 25m
- **SEASONAL MARKET**
  - Length: 4 / 6 / 10m
- **DIY MARKET**
  - Length: 4 / 6 / 10m
LED OMNI NEON FLEX

CONNECTION AND ACCESSORIES

1. Easy Splice Connector (Indoor and Outdoor use)

- Power Connector
- Splice Connector
- Attachable End Cap

2. Molded Connector (IP65)

- Power Connector
- Molded End Cap

ACCESSORIES

- 5ft Power Cord with 1.6A or 4A converter
- Simple Connector
- End Cap
- Heat Shrink Tube
- Aluminum Clip
- PVC glue

INSTALLATION NOTES
REVOLUTIONARY

LED NEON FLEX

SERIES

8X16mm
8.5X18mm
15X26mm
Ø24mm
20X20mm
16X20mm
12X15mm
LED RGB NEON FLEX

FEATURES
- Super Bright LEDs
- Color Counter-Change
- Color Twinkle
- Gray Scale change
- Ultra-Flexible, unbreakable light body
- Eco-friendly with low energy consumption
- Various colors available
- Low Voltage with low heat, highly safe

APPLICATIONS
Residential/Commercial/Municipal; Interior/Exterior; Architectural; Landscaping; Gardens; Seasonal/Artistic Décor. Effects: Outlining, Back Light, Motif Designs, Mood Creation – applications only limited by imagination.
240V LED RGB NEON FLEX

**PRODUCT PARAMETERS**

<table>
<thead>
<tr>
<th>Item NO.</th>
<th>LED</th>
<th>Voltage</th>
<th>LED Spacing (cm)</th>
<th>LED Qty (pcs/m)</th>
<th>LED Color</th>
<th>Cutting Unit (m)</th>
<th>Watts (W/m)</th>
<th>Max Loading Length</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>LP-LN-FX-4W-5050RGB</td>
<td>5050 RGB</td>
<td>240V</td>
<td>1.47</td>
<td>68</td>
<td>RGB</td>
<td>1</td>
<td>12</td>
<td>160 (SRC-181)</td>
<td>SRC-181</td>
</tr>
</tbody>
</table>

**MARKET PACKAGING**

- COMMERCIAL MARKET
- SEASONAL MARKET
- DIY MARKET

Length: 25m

120V LED RGB NEON FLEX

**PRODUCT PARAMETERS**

<table>
<thead>
<tr>
<th>Item NO.</th>
<th>LED</th>
<th>Voltage</th>
<th>LED Spacing (cm)</th>
<th>LED Qty (pcs/m)</th>
<th>LED Color</th>
<th>Cutting Unit (m)</th>
<th>Watts (W/m)</th>
<th>Max Loading Length</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>LP-LN-FX-4W-5050RGB</td>
<td>5050 RGB</td>
<td>120V</td>
<td>1.47</td>
<td>68</td>
<td>RGB</td>
<td>0.5</td>
<td>12</td>
<td>80 (SRC-181)</td>
<td>SRC-181</td>
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</tbody>
</table>

**MARKET PACKAGING**

- COMMERCIAL MARKET
- SEASONAL MARKET
- DIY MARKET

Length: 25m
24V LED RGB NEON FLEX

### PRODUCT PARAMETERS

<table>
<thead>
<tr>
<th>Item NO.</th>
<th>LED</th>
<th>Voltage</th>
<th>LED Spacing (cm)</th>
<th>LED Qty (pcs/m)</th>
<th>LED Color</th>
<th>Cutting Unit (m)</th>
<th>Watts (W/m)</th>
<th>Max Loading Length (m)</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>LP-LN-FX-4W-5050RGB</td>
<td>5050 RGB</td>
<td>24V</td>
<td>1.39</td>
<td>72</td>
<td>RGB</td>
<td>0.5</td>
<td>14.4</td>
<td>16.5 (SRC-181)</td>
<td>SRC-181</td>
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</tbody>
</table>

**Colour Rendering Index**: Ra ≥ 80

**Market Packaging**

- **Commercial Market**: Length: 25m
- **Seasonal Market**: Length: 4 / 6 / 10m
- **DIY Market**: Length: 4 / 6 / 10m

**Features**

- Length: 25m
- 24V LED Voltage
- 5050 RGB LED
- IP68 Protection
LED RGB NEON FLEX

CONNECTION AND ACCESSORIES

1. Easy Splice Connector (Indoor and Outdoor use)

2. Molded Connector (IP65)

CONNECTION OPTION

ACCESSORIES

For 240V/120V

For 24V/12V

INSTALLATION NOTES
LED VIDEO NEON FLEX

FEATURES
- Color Uniformity and Brightness
- High Quality Bulk SMD LEDs
- Easy to Install and Access
- Used Outdoors in Wide Temperature Ranges
- Ultra-Flexible, unbreakable light body

APPLICATIONS
Commercial/Municipal; Interior/Exterior; Architectural; Landscaping; Gardens; Artistic Décor. Effects: Outlining, Motif Designs, Mood Creation – applications only limited by imagination.
LED VIDEO NEON FLEX

PRODUCT PARAMETERS

<table>
<thead>
<tr>
<th>Item NO.</th>
<th>LED</th>
<th>Voltage</th>
<th>Length (m)</th>
<th>LED Spacing (cm)</th>
<th>LED Qty (pcs/m)</th>
<th>LED Color</th>
<th>Cutting Unit (m)</th>
<th>Watts (W/m)</th>
<th>Driver</th>
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<tbody>
<tr>
<td>LP-LN-FX-FCB-VI-5050RGB</td>
<td>5050 RGB</td>
<td>12V</td>
<td>2.5</td>
<td>1.67</td>
<td>60</td>
<td>RGB</td>
<td>0.5</td>
<td>12</td>
<td>12V 30W power supply</td>
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<td>5</td>
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<td></td>
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<td>12V 80W power supply</td>
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<td></td>
<td></td>
<td>12V 150W power supply</td>
</tr>
</tbody>
</table>

MARKET PACKAGING

COMMERCIAL MARKET

Length: 2.5/5/8 m
### LED VIDEO NEON FLEX

#### POWER CONNECTION AND SIGNAL CONNECTION

#### CONNECTION OPTION

1. Standalone Control

2. PC Based Control

#### ACCESSORIES

- **PS-12216-192W-A** Rainproof Power Supply
- **PS-12216-192W-B** Waterproof Power Supply
- **SRC-VID-MINI-12V/24V Controller**
- **VC-ST Controller**
- **VC-LP Controller**
- **PS-1216-192W-A Rainproof Power Supply**
- **PS-1216-192W-B Waterproof Power Supply**
- **TTL-OPT-AMP Signal Amplifier**
- **Low Voltage Power Supply**
- **Aluminum Clip**

#### INSTALLATION NOTES

- **Linear Installation**
  1. Aluminum Channel
  2. Apply an adhesive silicone between the channel base on fixture housing to prevent slippage and stretching over time
- **Convex Installation**
  - Mini channel
- **Concave Installation**
  - Mini channel

*78*  *  *79*
REVOLUTIONARY LED NEON FLEX SERIES

8X16mm
8.5X18mm
15X26mm
Ø24mm
20X20mm

16X20mm

12X15mm
LED PRO NEON FLEX

FEATURES
- Super Bright LEDs
- Ultra high lumen output that reaches 800lm/m
- As bright as fluorescent tube
- Ultra-Flexible, unbreakable light body
- Eco-friendly with low energy consumption
- Low Voltage with low heat, highly safe

APPLICATIONS
Suitable for building outlines, back light, motifs.
For home, hotels, retail outlets, street decoration.
Unlimited applications.
## 240V LED PRO NEON FLEX

**PRODUCT PARAMETERS**

<table>
<thead>
<tr>
<th>Item NO.</th>
<th>LED</th>
<th>Voltage</th>
<th>Length (m)</th>
<th>LED Spacing (cm)</th>
<th>LED Qty (pcs/m)</th>
<th>LED Color</th>
<th>Cutting Unit (m)</th>
<th>Watts (W/m)</th>
<th>Driver</th>
</tr>
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<tbody>
<tr>
<td>LP-ILN-FX-FPC-2835-800</td>
<td>60mA</td>
<td>240V</td>
<td>10</td>
<td>0.83</td>
<td>120</td>
<td>WW / W</td>
<td>0.33</td>
<td>17</td>
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</tbody>
</table>

**CONSTANT CURRENT POWER SUPPLY**

| Colour Rendering Index Ra ≥ 80 |

**MARKET PACKAGING**

- **COMMERCIAL MARKET**
- **SEASONAL MARKET**
- **DIY MARKET**

Length: 10 m
Length: 2 / 4 / 6m

---

## 120V LED PRO NEON FLEX

**PRODUCT PARAMETERS**

<table>
<thead>
<tr>
<th>Item NO.</th>
<th>LED</th>
<th>Voltage</th>
<th>Length (m)</th>
<th>LED Spacing (cm)</th>
<th>LED Qty (pcs/m)</th>
<th>LED Color</th>
<th>Cutting Unit (m)</th>
<th>Watts (W/m)</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>LP-ILN-FX-FPC-2835-400</td>
<td>30mA</td>
<td>240V</td>
<td>10</td>
<td>0.83</td>
<td>120</td>
<td>WW / W</td>
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<td>9</td>
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</table>

**CONSTANT CURRENT POWER SUPPLY**

| Colour Rendering Index Ra ≥ 80 |

**MARKET PACKAGING**

- **COMMERCIAL MARKET**
- **SEASONAL MARKET**
- **DIY MARKET**

Length: 10 m
Length: 2 / 4 / 6m
LED PRO NEON FLEX

CONNECTION
Molded Connector (Indoor and Outdoor use)

ACCESSORIES

INSTALLATION NOTES

Linear Installation
1. Prepare channel
2. Apply adhesive between the channel base and fixture housing to prevent slipping and distributing over time

Convex Installation

Concave Installation
REVOLUTIONARY LED NEON FLEX SERIES

8X16mm
8.5X18mm
15X26mm
Ø24mm
20X20mm
16X20mm
12X15mm
FEATURES
• High Lumens output
• Ultra-Flexible, unbreakable light body
• Easy installation without bracket or tunnel, can be installed with double sided tape
• Replaces traditional T5 Tubes

APPLICATIONS
Residential/Commercial/Municipal; Interior/Exterior; Architectural; Landscaping; Gardens; Seasonal/Artistic Décor. Effects: Outlining, Back Light, Motif Designs, Mood Creation – applications only limited by imagination.
## 240V LED FLEXIBLE T5 TUBE

<table>
<thead>
<tr>
<th>Item NO.</th>
<th>LED</th>
<th>Voltage</th>
<th>Length (m)</th>
<th>LED Spacing (cm)</th>
<th>LED Qty (pcs/m)</th>
<th>LED Color</th>
<th>Cutting Unit (m)</th>
<th>Watts (W/m)</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>LP-ILN-T5-1000</td>
<td>60mA/2835</td>
<td>240V</td>
<td>10</td>
<td>0.83</td>
<td>120</td>
<td>WW / W</td>
<td>0.33</td>
<td>17</td>
<td>input voltage: 100-240V output voltage: 50-110V 1.7A</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>input voltage: 100-240V output voltage: 25-60V 1.7A</td>
</tr>
<tr>
<td></td>
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<td>3</td>
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<td></td>
<td></td>
<td></td>
<td>input voltage: 100-240V output voltage: 8-30V 1.7A</td>
</tr>
</tbody>
</table>

## 120V LED FLEXIBLE T5 TUBE

<table>
<thead>
<tr>
<th>Item NO.</th>
<th>LED</th>
<th>Voltage</th>
<th>Length (m)</th>
<th>LED Spacing (cm)</th>
<th>LED Qty (pcs/m)</th>
<th>LED Color</th>
<th>Cutting Unit (m)</th>
<th>Watts (W/m)</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>LP-ILN-T5-1000</td>
<td>60mA/2835</td>
<td>120V</td>
<td>10</td>
<td>0.83</td>
<td>120</td>
<td>WW / W</td>
<td>0.33</td>
<td>17</td>
<td>input voltage: 100-240V output voltage: 50-110V 1.7A</td>
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<td></td>
<td></td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>input voltage: 100-240V output voltage: 25-60V 1.7A</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>input voltage: 100-240V output voltage: 8-30V 1.7A</td>
</tr>
</tbody>
</table>

## Market Packaging

### Commercial Market
- Length: 10m

### Seasonal Market
- Length: 2/4/6m

### DIY Market
- Length: 2/4/6m
LED FLEXIBLE T5 TUBE

CONNECTION AND ACCESSORIES

1. Molded Connector (IP65)

[Image of Molded Connector]

2. Conch Connector (IP65)

[Image of Conch Connector]

ACCESSORIES

- Constant Current Power Supply - CCP(W)-0817 (for 1-3m)
- Constant Current Power Supply - CCP(W)-2517 (for 3-6m)
- Constant Current Power Supply - CCP(W)-5017 (for 6-10m)

- Constant Current Power Supply - CCP(W)-0809 (for 1-3m)
- Constant Current Power Supply - CCP(W)-2509 (for 3-6m)
- Constant Current Power Supply - CCP(W)-5009 (for 6-10m)

INSTALLATION NOTES

- Convex Installation
- Concave Installation