

## FlexiPower-120 LED Strip

Luminux is proud to introduce you the FlexiPower series of flexible LED strips that will exceed the requirements of the most demanding architecture and interior design applications.

Luminux also offers a full line of accessories to include controllers, amplifiers, power supplies, aluminium profiles, cable splitters and specialty connectors, making Luminux your one-stop destination for all your LED strip needs.



### Applications

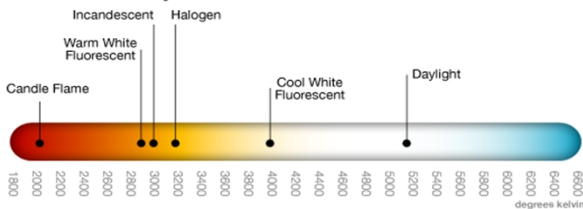
- Decorative lighting and backlighting applications
- Large company logos, advertising and signage boards
- Outdoor and indoor decorative and safety lighting
- Outdoor pathway, theatre and auditorium walkway, emergency hallway lighting
- Furniture and under the cabinet, display case, door edge and stairway accent lighting

### Features

- Available for Monocolor from 2700K (Super Warm) to 6000K (Daylight)
- Precision Color Temperature Control to ensure uniformity of lighting effect
- Full Spectrum brings you the true color, CRI95+
- Dimmable by external control gear: 0/1-10V, DALI, DMX, EcoSystem and LED Dimmer
- LED distribution available in 120 LEDs per meter, LED pitch 8mm
- IP65, IP67 or IP 68 come with silicon sleeves for highest IP rating
- Can be cut every 6 LEDs (12V), or 12 LEDs (24V)
- Optional specialty connectors for waterproof and easy connection
- Supports 12 or 24 VDC power supply installations
- All models come with 3M adhesive backing for quick and easy installation



### Colour Temperature Selection Reference



### Order Code Matrix:

FlexiPower-120	28IP	V
↑	↑	↑
Color Option:	IP Rating Option:	Input Voltage Option:
2700K=27	IP20=20	12VDC=12
3000K=30	IP65=65	24VDC=24
4000K=40	IP67=67	
5000K=50	IP68=68	
6000K=60		

## FlexiPower-120 LED Strip Ordering Specifications

Ordering Code	LED Type	Color Temperature	No. of LED / Meter	IP Rating Option	Input Voltage Option	Dimmable	Power / Meter	Lumen / Meter
FlexiPower-1202728IP <sub>xx</sub> V <sub>xx</sub>	SMD	2700K	120	IP20/IP65/IP67/IP68	12/24VDC	Yes	19.2W	1650
FlexiPower-1203028IP <sub>xx</sub> V <sub>xx</sub>	SMD	3000K	120	IP20/IP65/IP67/IP68	12/24VDC	Yes	19.2W	1700
FlexiPower-1204028IP <sub>xx</sub> V <sub>xx</sub>	SMD	4000K	120	IP20/IP65/IP67/IP68	12/24VDC	Yes	19.2W	1750
FlexiPower-1205028IP <sub>xx</sub> V <sub>xx</sub>	SMD	5000K	120	IP20/IP65/IP67/IP68	12/24VDC	Yes	19.2W	1800
FlexiPower-1206028IP <sub>xx</sub> V <sub>xx</sub>	SMD	6000K	120	IP20/IP65/IP67/IP68	12/24VDC	Yes	19.2W	1800

### Remark:

5 meter per reel

Connector and LED Driver are not included

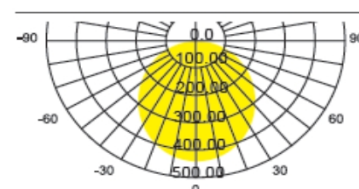
IP20 Size: 1000 X 10 X 1mm

IP65 Size: 1000 X 12 X 4mm

IP67 Size: 1000 X 12 X 4mm

IP68 Size: 1000 X 12 X 4mm

### FlexiPower-120 Average Beam Angle



# FlexiPower-120 LED Strip

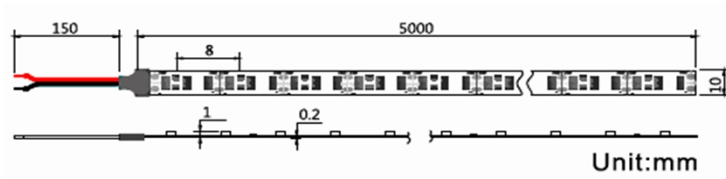


**Specifications:**

Input Power Option	12/24VDC
Power Consumption per Meter	19.2W
Power Consumption per Roll	96W
LED per Meter	120
LED per Roll	600
LED Rows	2
Channels	1
IP Rating Option	IP20/IP65/IP67/IP68
Material / Characteristics	Flexible
LED Type	SMD
LED Color Option	2700K/3000K/4000K/5000K/6000K
Lumen /Meter	1650-1800
LED Beam Angle	120°
CRI	Full Spectrum CRI95 +
Housing Color	White
Mounting	Surface Mount
Connection Strip	2 Cables (V+, V-)
Energy Efficiency Rated	A
Working Temperature	-5°C - +40°C
Cutting per LED	3 / 6 LEDs
Dimmable	0/1-10V, DALI, DMX, EcoSystem, LED Dimmer Control
Non-Waterproof Dimensions	5000 X 10 X 1mm
Waterproof Dimensions	5000 X 12 X 4mm



Cutting and Installation



Waterproof LED Strip Installation Diagram



Non-Waterproof LED Strip Installation Diagram

