

FlexiLinear-120 LED Strip

Luminux is proud to introduce you the FlexiLinear 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

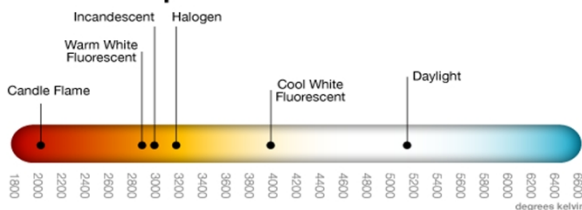
- Decorative lighting and backlighting applications
- Company logos, advertising and signage boards
- Outdoor and Indoor decorative lighting
- Outdoor pathway, theatre and auditorium walkway, emergency hallway lighting
- Furniture and under the cabinet, display case, door edge and stairway accent lighting

Features

- Available for Monocolor from 2200K (Super Warm) to 6000K (Daylight)
- Precision Color Temperature Control to ensure uniformity of lighting effect
- Minimize LED space to ensure super Linear lighting effect, LED pitch by 8mm only
- Dimmable by external control gear: 0/1-10V, DALI, DMX, EcoSystem and LED Dimmer
- LED distribution available in 120 LEDs per meter
- IP65, IP67 or IP 68 come with silicon sleeves for highest IP rating
- Can be cut every 3 LEDs (12V), or 6 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:

FlexiLinear-120	35IP	V
↑	↑	↑
Color Option:	IP Rating Option:	Input Voltage Option:
2200K=22	IP20=20	12VDC=12
2400K=24	IP65=65	24VDC=24
2700K=27	IP67=67	
3000K=30	IP68=68	
4000K=40		
5000K=50		
6000K=60		

FlexiLinea-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
FlexiLinear-1202235IPxxVxx	SMD	2200K	120	IP20/IP65/IP67/IP68	12/24VDC	Yes	9.6W	680
FlexiLinear-1202435IPxxVxx	SMD	2400K	120	IP20/IP65/IP67/IP68	12/24VDC	Yes	9.6W	680
FlexiLinear-1202735IPxxVxx	SMD	2700K	120	IP20/IP65/IP67/IP68	12/24VDC	Yes	9.6W	720
FlexiLinear-1203035IPxxVxx	SMD	3000K	120	IP20/IP65/IP67/IP68	12/24VDC	Yes	9.6W	720
FlexiLinear-1204035IPxxVxx	SMD	4000K	120	IP20/IP65/IP67/IP68	12/24VDC	Yes	9.6W	780
FlexiLinear-1205035IPxxVxx	SMD	5000K	120	IP20/IP65/IP67/IP68	12/24VDC	Yes	9.6W	840
FlexiLinear-1206035IPxxVxx	SMD	6000K	120	IP20/IP65/IP67/IP68	12/24VDC	Yes	9.6W	840

Remark:

5 meter per reel

Connector and LED Driver are not included

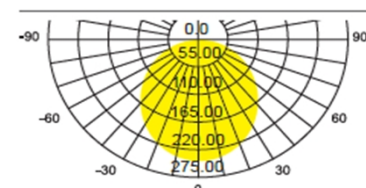
IP20 Size: 5000 X 8 X 2.2mm

IP65 Size: 5000 X 12 X 4mm

IP67 Size: 5000 X 12 X 4mm

IP68 Size: 5000 X 12 X 4mm

FlexiLinear-120 Average Beam Angle



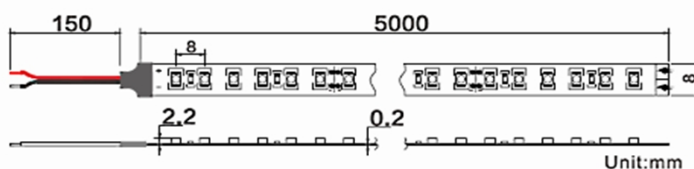
FlexiLinear-120 LED Strip

**Specifications:**

Input Power Option	12/24VDC
Power Consumption per Meter	9.6W
Power Consumption per Roll	48W
LED per Meter	120
LED per Roll	600
LED Rows	1
Channels	1
IP Rating Option	IP20/IP65/IP67/IP68
Material / Characteristics	Flexible
LED Type	SMD
LED Color Option	2200K/2400K/2700K/3000K/4000K/5000K/6000K
Lumen /Meter	680-840
LED Beam Angle	120°
CRI	80+ (95+ Optional)
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 8 X 2.2mm
Waterproof Dimensions	5000 X 12 X 4mm



Cutting and Installation

Waterproof LED Strip Installation DiagramNon-Waterproof LED Strip Installation Diagram

3M Adhesive in the backside



Attached and Fixed Directly

**IPXX**