LED MADE SIMPLE.

Shipping Dimensions & Weight: 13" x 13"x 6.5" inches, 20lbs

SPECIFICATIONS:

SKU:	LUM-120505
Available Colors:	2200K, 2700K, 3000K, 4000K, 5500K, Blue, Red, Pink, Green, & Amber
IP Rating:	IP65 (Indoor and Outdoor)
Voltage:	120V AC
Power Output:	3.5 Watts/ft.
Reel Length:	164 ft. (50 meters)
Dimensions:	0.58" X 0.32" Inches (W X H)
CRI:	> 90
LED Diodes:	20/ft.
Chip Type:	SMD 5050
Lumens:	350-400/ft.
Operating Temp:	-13°F ~ 113°F

PRODUCT FEATURES:

- ETL Certified
- Dimmable
- Cuttable every 12" inches (1 ft.)
- Long runs with no voltage drop
- 50,000+ hours of rated life
- UV protected and fire retardant

3 YEAR WARRANTY · RoHS COMPLIANT · ETL Intertek · IP65 · CE

PERFORMANCE:

Color	Model	Color Temp.	CRI	Lumen/ft.	Beam Angles	Power Consumption/ft.	Voltage	Current/ft.
Antique Warm White	LUM-120505-2200K	2,200K	> 90	350	120°	3.5W	120V	0.03A
Ultra Warm White	LUM-120505-2700K	2,700K	> 90	380	120°	3.5W	120V	0.03A
Warm White	LUM-120505-3000K	3,000K	> 90	385	120°	3.5W	120V	0.03A
Natural White	LUM-120505-4000K	4,000K	> 90	390	120°	3.5W	120V	0.03A
Cool White	LUM-120505-5500K	5,500K	> 90	400	120°	3.5W	120V	0.03A
Blue	LUM-120505-BLUE	465nm	-	-	120°	3.5W	120V	0.03A
Red	LUM-120505-RED	626nm	-	-	120°	3.5W	120V	0.03A
Pink	LUM-120505-PINK	590nm	-	-	120°	3.5W	120V	0.03A
Green	LUM-120505-GREEN	525nm	-	-	120°	3.5W	120V	0.03A
Amber	LUM-120505-AMBER	560nm	-	-	120°	3.5W	120V	0.03A

USES:

- Cove, Soffit, Indirect Lighting
- Accent & Decorative Lighting
- Architectural Design & Wall Washing
- Restaurants, Hotels, Theaters
- Bridges, Columns, Exterior Structures
- Casinos, Nightclubs, Bars, Resorts
- Back-lit Signs, Retail Spaces, Window Displays
- Patios, Landscape Paths, Fences
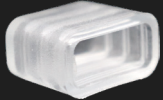- Gallery & Museum Lighting
- Under Cabinets, Tables, Toe-Kicks
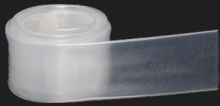
![Lumilum logo] lumilum®

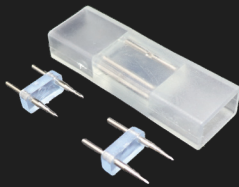LED MADE SIMPLE.

ACCESSORIES
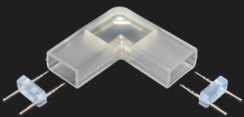
Mounting Clips (Set of 10)
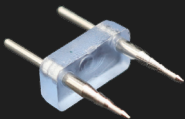LUM-120505-CL

End Cap (Set of 2)
LUM-120505-EC

Shrink Wrap
LUM-SRKWAP-120B34
(Sold in 12" Increments)

Splice Connector
LUM-120505-IC

90° L Connector
LUM-120505-AC

Connecting Pin
LUM-120505-PSC

Waterproof Inline Connector
LUM-120505-IJT

4ft. Power Plug with Rectifier
LUM-120505-PP

CABLES

Interconnector Cable
LUM-120505CC-XX
(6in, 12in, 20in, 40in, & 10ft)

Extension Cable for Power Plug
LUM-120505-XT-XX
(10ft, 75ft, & 175ft)

5ft. Interconnector Cable
Round Water Resistant
LUM-120505RH-5FT

8ft. Y Connector Cable
LUM-120505-YCO

2 Conductor SJTW Cable
LUM-120SJW2X-500
(Sold in 12" Increments)

Splice Connector Cable
LUM-120505SH-XX
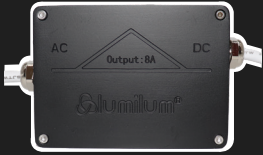(5ft, 25ft, 50ft, & 100ft)

CONVERTER CABLES

10in Static Color to DMX Converter
LUM-120505-SDMX

10in Static Color to DMX Converter
LUM-120505-RDMX

RECTIFIERS

Hardwired Rectifier
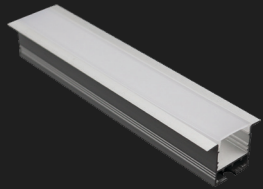Junction Box
LUM-120505-JB

Compact Hardwired Rectifier
Junction Box
LUM-120505-CJB

Stroboscopic Effect Mitigator
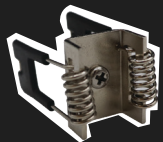LUM-120505-SNIX

RECESSED CHANNEL WITH DIFFUSER

Aluminum Recessed Channel
LUM-T3535C-XX (4ft or 8ft)
(Available in Silver or Black)

Endcap with Hole
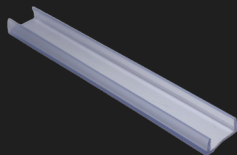LUM-T3525-ECH
(Available in White or Black)

Endcap Solid
LUM-T3525-ECN
(Available in White or Black)

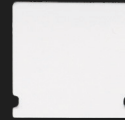Channel Mounting Clip
LUM-T3525-CL

PVC U-CHANNEL

4ft. PVC U-Channel
LUM-120505-PVCU4
(Not Recommended for Outdoor)

SURFACE MOUNT CHANNEL WITH DIFFUSER

Aluminum Surface Mount
Channel
LUM-P2114-XX(4ft or 8ft)
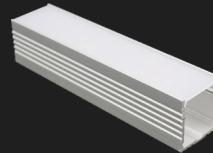*(Available in Silver or Black)*

Endcap Solid
LUM-P2114-ECN
(Available in White or Black)

Endcap with Hole
LUM-P2114-ECH
(Available in White or Black)

Channel Mounting Clip
LUM-P2114-CL

Aluminum Surface Mount
Mega Channel
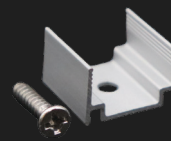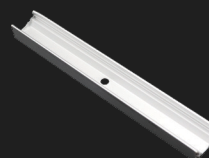LUM-P3535C-XX (4ft or 8ft)

Endcap with Hole
LUM-P3535C-ECH

Endcap Solid
LUM-P3535C-ECN

ALUMINUM U-CHANNELS

0.5" Aluminum U-Channel
(Set of 6)
LUM-120505-U0

Aluminum U-Channel
LUM-120505-XX (1ft or 4ft)

INSTALLATION DIAGRAM : 120V LED STRIP LIGHTS

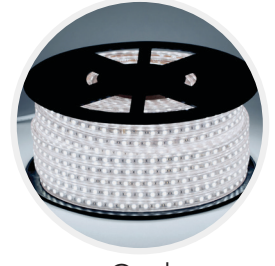Antique Warm White 2,200K

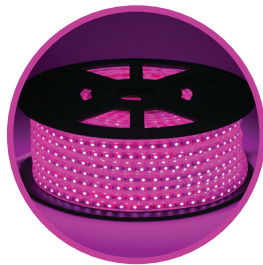Ultra Warm White 2,700K

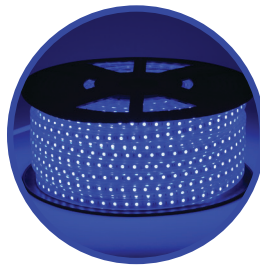Warm White 3,000K

Natural White 4,000K

Cool White 5,500K

Red

Pink

Blue

Green

Amber

Channel Type:	SKU:	Channel Profile:	End Caps:	Channel Mockup:
Aluminum U-Channel	LUM-120505-XX (1ft or 4ft)		N/A	
PVC U-Channel	LUM-120505-PVCU4		N/A	
Aluminum Surface Mount Channel	LUM-P2114-XX (4ft or 8ft) *(Available in Silver or Black)*			
Aluminum Surface Mount Mega Channel	LUM-P3535C-XX (4ft or 8ft)			
Aluminum Recessed Channel	LUM-T3535C-XX (4ft or 8ft) *(Available in Silver or Black)*			

INSTALLATION DIAGRAM : 120V LED STRIP LIGHTS

Using Lumilum®Mounting Bracket (LUM-120505-EC)
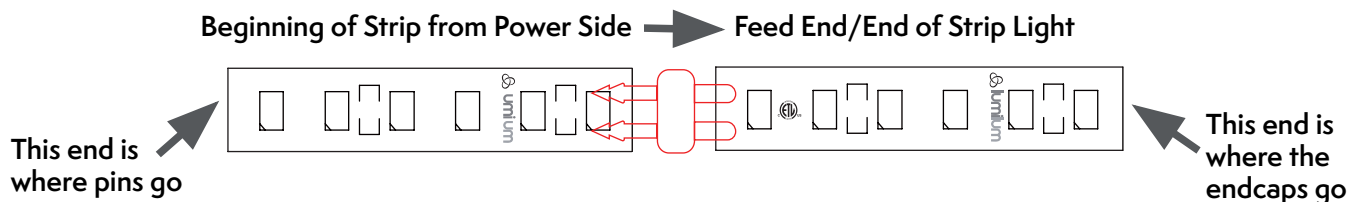

Mounting Bracket
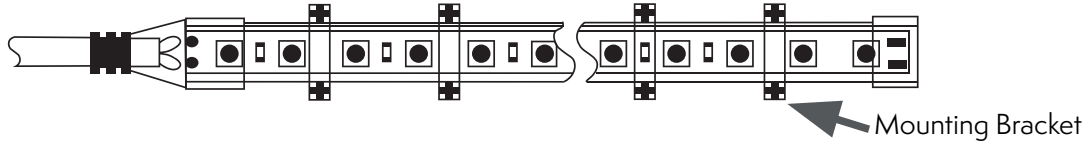
ABOUT CONNECTING PINS AND STRIP POLARITY
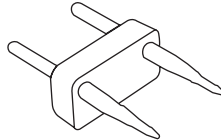
1. Pins should never be fully inserted as this may cause damage to the internal copper wiring.

Insert pins correctly by only pushing them in about halfway between the sharp prongs and the plastic stopper.

Beginning of Strip from Power Side ➡ **Feed End/End of Strip Light**

This end is where pins go

This end is where the endcaps go

2. Strip polarity and how it works; polarity is the direction in which the electrical current runs.

This is important to remember when setting up your LED strip lights because semiconductors only allow electrical currents to run <u>one way.</u>

Therefore, if you have the direction of the current wrong, electricity will not flow through and your strip willl not illuminate.
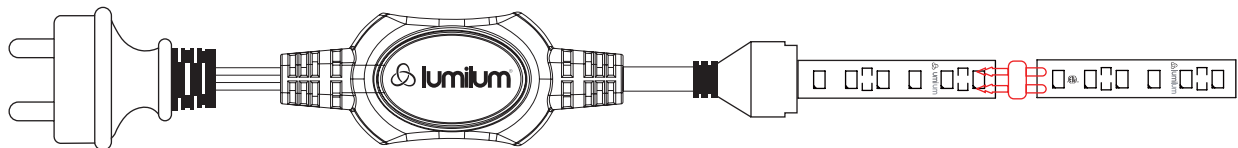
3. Proper sealing (waterproofing) for outdoor applications
Fo a secure and professional finish, it's recommended that at least ONE of the following be used to seal any strip light that will be installed out doors:

*   **Loctite - UV Light Curing Sealant**
*   **Heat Shrink**
*   **Electrical Grade Silicone**

(305)-233-2844
www.lumilum.com