# lumilum®
## LED MADE SIMPLE.

# 24V IP20 PRO
# SINGLE COLOR SERIES

Shipping Dimensions & Weight: 9.25" x 0.75" x 6.5", 0.6 lbs

## SPECIFICATIONS:

| | |
|---|---|
| SKU: | LUM-573120 |
| Available Colors: | 2200K, 2700K, 3000K, 3500K, 4000K, & 5500K |
| IP Rating: | IP20 (Indoor Only) |
| Voltage: | 24V DC |
| Power Output: | 3.05 Watts/Ft. |
| Reel Length: | 16.4 Ft. |
| Dimensions: | 0.39" X 0.049" Inches (W X H) |
| CRI: | > 95 |
| LED Diodes: | 38/Ft. |
| Chip Type: | SMD 2835 |
| Lumens: | 300-380/Ft. |
| Operating Temp: | -68°F ~ 176°F |

## PRODUCT FEATURES:

| |
|---|
| ETL Certified |
| Dimmable |
| Cuttable every 1.92" inches |
| High performance, low energy chips |
| 50,000+ Hours of rated life |
| UV protected and fire retardant |

## PERFORMANCE:

| Color | Model | Color Temp. | CRI | Lumen/ ft. | Beam Angle | Power Consumption/ft. | Voltage | Current/ft. |
|---|---|---|---|---|---|---|---|---|
| Antique Warm White | LUM-573120-2200K | 2,200K | > 95 | 300 | 120° | 3.05W | 24V | 0.13A |
| Ultra Warm White | LUM-573120-2700K | 2,700K | > 95 | 310 | 120° | 3.05W | 24V | 0.13A |
| Warm White | LUM-573120-3000K | 3,000K | > 95 | 320 | 120° | 3.05W | 24V | 0.13A |
| Modern Warm White | LUM-573120-3500K | 3,500K | > 95 | 330 | 120° | 3.05W | 24V | 0.13A |
| Natural White | LUM-573120-4000K | 4,000K | > 95 | 350 | 120° | 3.05W | 24V | 0.13A |
| Cool White | LUM-573120-5500K | 5,500K | > 95 | 380 | 120° | 3.05W | 24V | 0.13A |

## USES:
- Cove, Soffit, Indirect Lighting
- Decorative Lighting
- Headboards & Mirrors
- Restaurants, Hotels, Theaters
- Staircase, Handrail, Step Lighting
- Bookshelves & Display Cases
- Gallery & Museum Lighting
- Wine Racks & Desks
- Back-lit Signs, Retail Spaces, Window Displays
- Accent & Mood Lighting

# WIRE EXTENDER SERIES

End to End Clip (6 Pack)
LUM-WIRECT

End to End Clip (6 Pack)
LUM-WIREXT

# CLEAR LOCK SERIES

End to Wire Clip (6 Pack)
LUM-SCSE2W

End to End Clip (6 Pack)
LUM-SCSE2E

# SOLID LOCK SERIES
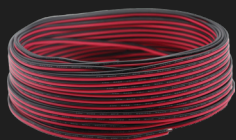
Snap Connector Clip
LUM-CC12SCXC

# BEETLE SERIES

End to Wire Clip (6 Pack)
LUM-SCS2W-BET

End to End Clip (6 Pack)
LUM-SCS2S-BET

# 18 GAUGE WIRE SPOOLS

18 Gauge Wire Spool
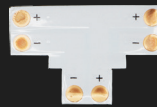LUM-W18SC025ft | 50ft | 100ft
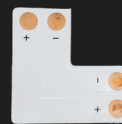
# POWER ADAPTER CABLE

Male Power Adapter Cable
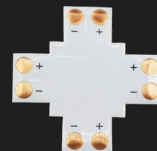LUM-MPP8ST21

Female Power Adapter Cable
LUM-FPP8ST21

# CONNECTORS

T Connector
LUM-FCSCTASM

L Connector
LUM-FCSCLASM

X Connector
LUM-FCSCXASM

# POWER SUPPLIES

Power Adapter
LUM-PA24XXW
36W | 60W | 96W |

Magnetic LED Transformer
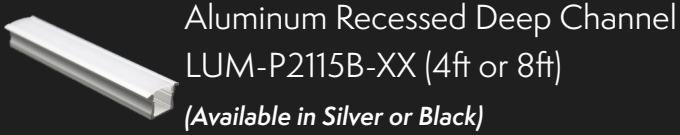LUM-PD24XXXD | 40W | 60W |
96W | 150W | 200W | 300W

Electronic LED Transformer
LUM-PD24XXWE
40W | 60W | 96W

Mean Well Driver
LUM-MWXXX24H 35W | 100W |
185W | 240W | 320W | 600W

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# RECESSED CHANNELS WITH DIFFUSER
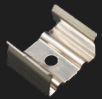
Aluminum Recessed Deep Channel
LUM-P2115B-XX (4ft or 8ft)
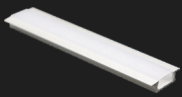*(Available in Silver or Black)*

Endcap Solid
LUM-P2115B-ECN
*(Available in White or Black)*

Endcap with Hole
LUM-P2115B-ECH
*(Available in White or Black)*

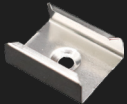Channel Mounting Clip
LUM-P2115B-CL

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Aluminum Recessed Channel
LUM-P2206D-XX (4ft or 8ft)

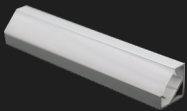Endcap Solid
LUM-P2206D-ECN

Endcap with Hole
LUM-P2206D-ECH

Channel Mounting Clip
LUM-P2206D-CL
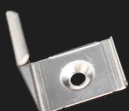
# CORNER CHANNEL WITH DIFFUSER

Aluminum Corner Channel
LUM-LP1919U-XX (4ft or 8ft)
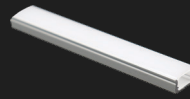
Endcap Solid
LUM-LP1919U-ECN

Endcap with Hole
LUM-LP1919U-ECH

Channel Mounting Clip
LUM-LP1919U-CL

# SURFACE MOUNT CHANNEL WITH DIFFUSER

Aluminum Surface Mount Channel
LUM-P1707D-XX (4ft or 8ft)

Endcap with Hole
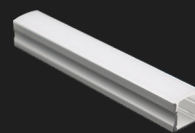LUM-P1707D-ECH

Endcap Solid
LUM-P1707D-ECN

Channel Mounting Clip
LUM-P1707D-CL

Straight Channel Connector
LUM-P1707D-SC

90° Angle Channel Connector
LUM-P1707D-AC

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Aluminum Surface Mount High Channel
LUM-P1715B-XX (4ft or 8ft)

Endcap with Hole
LUM-P1715B-ECH

Endcap Solid
LUM-P1715B-ECN

Channel Mounting Clip
LUM-P1715B-CL

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# COLOR OPTIONS:



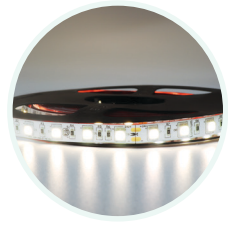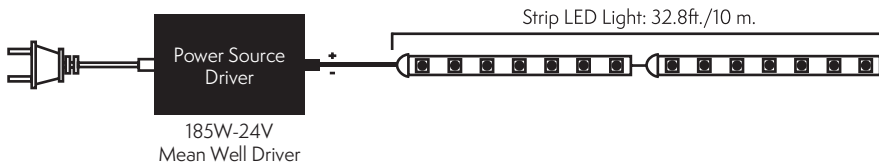| Antique Warm White 2,200K | Ultra Warm White 2,700K | Warm White 3,000K | Modern Warm White 3,500K | Natural White 4,000K | Cool White 5,500K |

| Channel Type: | SKU: | Channel Profile: | End Caps: | Channel Mockup: |
|---|---|---|---|---|
| Aluminum Recessed Deep Channel | LUM-P2115B-XX (4ft or 8ft) *(Available in Silver or Black)* | 23.3mm (.91") 15.3mm (.60") 12.5mm (.49") 17.2mm (.67") | | |
| Aluminum Recessed Channel | LUM-P2206D-XX (4ft or 8ft) | 22mm (.87") 11.26mm (.44") 5.95mm (.23") 12.8mm (.50") 15.50mm (.61") | | |
| Aluminum Corner Channel | LUM-LP1919U-XX (4ft or 8ft) | 25.4 mm (1") Wall Facet 18.25 mm (.72") 12.04 mm (.48") 7.48 mm (.29") 13.20 mm (.52") | | |
| Aluminum Surface Mount Channel | LUM-P1707D-XX (4ft or 8ft) | 15.47mm (.61") 7.78 mm (.30") 12.41mm (.49") 17.10mm (.675") | | |
| Aluminum Surface Mount High Channel | LUM-P1715B -XX (4ft or 8ft) | 15.47mm (.61") 14.8 mm (.58") 12.2mm (.48") 17.10mm (.675") | | |

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# INSTALLATION DIAGRAM : 24V LED STRIP LIGHTS

Cutting Point

Copper
Connector
Pads



## Up to 32.8 ft. (2 Rolls)

Power Source
Driver

185W-24V
Mean Well Driver

Strip LED Light: 32.8ft./10 m.

## Up to 49.2 ft. (3 Rolls)

Power Source
Driver

185W-24V
Mean Well Driver

Strip LED Light: 32.8ft./10 m.

Strip LED Light: 16.4ft./5 m.

## Up to 65.6 ft. (4 Rolls)

Power Source
Driver

185W-24V
Mean Well Driver

Strip LED Light: 65.6ft./ 20m.

Strip LED Light: 32.8ft./10 m.

Strip LED Light: 32.8ft./10 m.

## Up to 131.2 ft. (8 Rolls)

Power Source
Driver

185W-24V
Mean Well Driver

Strip LED Light: 65.6ft./ 20m.

Strip LED Light: 32.8ft./10 m.

Strip LED Light: 32.8ft./10 m.

Strip LED Light: 32.8ft./10 m.

Strip LED Light: 32.8ft./10 m.

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