

LED made simple



About
Us

Why
choose
LED lighting
from
Lumilum®?

At Lumilum® we are passionate about lifestyle enhancing, energy efficient LED lighting. We offer a prime selection of residential and commercial lighting products that will provide the results that you expect for years to come.

We meticulously search the LED electronic component markets for the highest quality parts for our line of products. We are committed to using only top quality LED components that generate the highest possible output of lumens per watt, as well as CRI (Color Rendering Index). Our products are UL and/or ETL certified and are built to high quality standards and made to perform optimally. Our Power Drivers and Adapters have been extensively and thoroughly tested in our lab to guarantee a stable light output and very long lifespan. We provide a complete solution with our assortment of accessories that work with our LED line of products, making each project simple.

At Lumilum®, providing you with proven LED products is just one part of our business. The other part is providing you with the most complete information so that you have the best understanding of our product lines. This is followed by our great customer service and expedited delivery time when possible.



lumilum®

LED made simple

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**B34XT SERIES RGB
LED STRIP LIGHT
120V (HIGH VOLTAGE)**



Words from our Team

Lumilum® is a U.S.A. based LED lighting manufacturer and distributor, founded in 2012. Our innovative line of energy efficient LED lighting products are ideal for use in commercial, residential, hospitality, and institutional settings. Our products exclusively use LED technology and are distributed nationwide as well as in some international locations. At Lumilum® we are proud to offer products of the highest quality, caliber, and efficiency. Each item is engineered to the highest standards meeting the requirements and expectations of the emerging LED technology.

This catalog features a variety of complementary, high-quality “green” energy efficient LED lighting products. In addition to our catalog contribution, we welcome your suggestions, comments, and concerns for our products. You are invited to view our website at <https://Green-Energy-Products.com>

Lumilum® distributes products through representatives of which Green-Energy-Products.Com,LLC is a member.

Please contact us at <https://Green-Energy-Products.com/lumilum> or phone us at 305-251-9630

We look forward to working with you in the future.

Sincerely,

The Lumilum® Team



Lumilum[®] LED Lighting vs. Other Lighting Alternatives?



LED lights reduce energy costs as they use 75% or less energy than incandescent lighting. Over time, LED lighting will save the consumer on operating expenses.





LEDs produce very little heat output and are a great way to reduce cooling costs.

The cost of maintaining an LED light is considerably lower than traditional lighting, with fewer bulb replacements and disposals. LEDs also offer a greener disposal method as they do not contaminate the environment with mercury.

LED lasts 35 to 50 times longer than incandescent lighting and about 2 to 5 times longer than fluorescent lighting. LEDs offer a life cycle that can last up to 100,000+ hours. Unlike other lighting alternatives, LEDs are made to be durable, long lasting because they won't break like a traditional bulb. All Lumilum[®] LED lighting products come with a standard 3 Year Warranty.

Over the course of history, the way we use light has changed drastically. With so many rapidly ever changing technological advances, we have now shifted into a more “Green” society. Consumers are looking to save more energy and lower their monthly power consumption. In the lighting business, we are striving to enhance light intensity in order to create a brighter light at a minimal cost. Artificial light cannot reproduce the intensity of light that the sun emits. Therefore, artificial light must be analyzed in the same way as natural light which is through the spectral power distribution (SPD) curve. The SPD describes the flux of radiant energy per unit area across the entire visible spectrum. Take candle light for example, one of the first initial light sources used in history with a 1900K, appearing orange in color in the spectrum. On the other

hand, a CFL Daylight bulb with a 5500K will appear much brighter and vivid but, emits a whiter and bluer shade of light found in the spectrum. CFL bulbs use a combination of light with spikes of power strategically placed across the spectrum to create a specific color temperature. Incandescent bulbs achieve their temperature by emitting light over a smooth curve, with the balance tilted toward yellow and red. LED lights on the other hand have been so technologically developed that one can get a very high lumen output while using significantly less energy. LED lighting works by bringing together positive and negative currents. This creates a charge that causes energy to be released in the form of light. The result is a fast source of light that is reliable, rapid-working and dimmable.

EFFICIENCY	Least Most			
BULB TYPE				
LUMENS	<i>STANDARD</i>	<i>HALOGEN</i>	<i>CFL</i>	<i>LED</i>
450	40 W	29 W	9 W	6 W
800	60 W	43 W	14 W	11 W
1100	75 W	53 W	19 W	14 W
1600	100W	72 W	23 W	15 W
RATED LIFE	1 year	1–3 years	6–10 years	25–30 years
SAVINGS	✗	up to 30%	up to 75%	up to 80%



Warm

COLOR TEMPERATURE SCALE

Cool





LINE VOLTAGE LED STRIP LIGHT SERIES



SINGLE COLOR / 120V

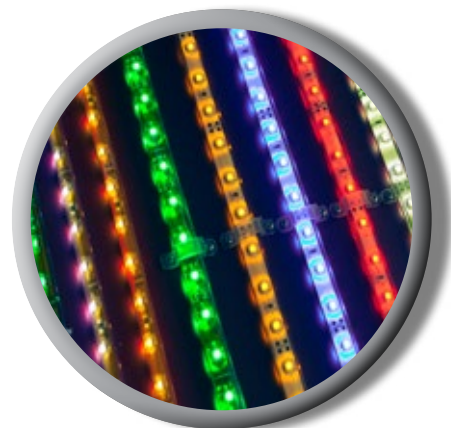
DIMMABLE

This Line Voltage (120V) LED Strip Light requires no power adapters or drivers, instead it uses a rectifier that converts AC into DC Current. The light source in the LED strip consists of 3,300 equally distributed high brightness SMD 5050 chips per 164ft. spool which come in incremental segments of 12 inches (1ft).

This Single Color LED Strip Light is dimmable, using conventional dimmers. The entire 164ft. of this high voltage strip can be used without the risk of voltage drop. This product is rated for indoor and outdoor uses. This strip can be installed using four alternative methods: (See Installation Diagram page for details).

Color Options	Model #	UPC
• Ultra Warm White	LUM-120505-2700K	854160004428
• Warm White	LUM-120505-3000K	854160004831
• Natural White	LUM-120505-4000K	854160004480
• Cool White	LUM-120505-5500K	854160004411
• Blue	LUM-120505-BLUE	854160004510
• Red	LUM-120505-RED	854160004497
• Pink	LUM-120505-PINK	854160004749
• Green	LUM-120505-GREEN	854160004503

MODEL:
LUM-120505-XXXXK
LUM-120505-XXXXX



LINE VOLTAGE LED STRIP LIGHT SERIES



FEATURES & SPECIFICATIONS / SINGLE COLOR / 120V

PRODUCT FEATURES

- 164 ft. spool (50 meters)
- Input: 120 Volts AC. No Adapter or Driver required, 164 ft. works with a rectifier included in the power plug
- Dimmable with conventional dimmers with >700W handling capacity
- 12 inch (1 ft) increments (marked)
- 4.0 Watts/ft
- Outdoor / Indoor rated
- Flexible, high transmittance UV protective cover
- 20 LED diodes per ft
- Beam angle 120°
- Ambient operating temperature: -13°F ~ 113°F
- LED spacing: 0.5"
- Width: 0.59"
- Height: 0.31"

IDEAL USES

- Any place where a long distance of LED strip light is required
- Cove and other indirect lighting
- Landscape lighting
- Under cabinets
- Stairways
- Building exteriors
- Bars / liquor displays
- Back-lit signs
- Under tables / furniture
- Window trims
- Fences
- Decks
- Columns
- Building Exteriors
- Bridges

PERFORMANCE

Color	Model	Color Temp.	CRI	Lumen/ Ft.	Viewing Angle	Voltage	Current/Ft.	Power Consumption/ Ft.
Ultra Warm White	LUM-120505-2700K	2,700°K	80	380	120°	120V	0.03A	4.00W
Warm White	LUM-120505-3000K	3,000°K	80	385	120°	120V	0.03A	4.00W
Natural White	LUM-120505-4000K	4,000°K	80	390	120°	120V	0.03A	4.00W
Cool White	LUM-120505-5500K	5500°K	80	400	120°	120V	0.03A	4.00W
Blue	LUM-120505-BLUE	465nm	-	-	120°	120V	0.03A	4.00W
Red	LUM-120505-RED	626nm	-	-	120°	120V	0.03A	4.00W
Pink	LUM-120505-PINK	590nm	-	-	120°	120V	0.03A	4.00W
Green	LUM-120505-GREEN	525nm	-	-	120°	120V	0.03A	4.00W



**BLUE
LED STRIP LIGHT
120V (HIGH VOLTAGE)**





LINE VOLTAGE LED STRIP LIGHT SERIES



COLOR OPTIONS & PACKAGING / SINGLE COLOR / 120V

Ultra Warm White / 2,700K
Model# LUM-120505-2700K



Warm White / 3,000K
Model# LUM-120505-3000K



Natural White / 4,000K
Model# LUM-120505-4000K



Cool White / 5,500K
Model# LUM-120505-5500K



Blue
Model# LUM-120505-BLUE



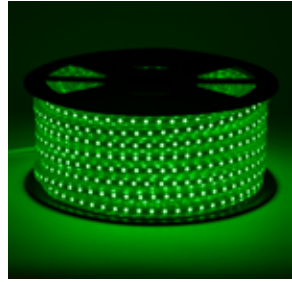
Red
Model# LUM-120505-RED



Pink
Model# LUM-120505-PINK



Green
Model# LUM-120505-GREEN



PACKAGING SHIPPING DIMENSIONS & WEIGHT

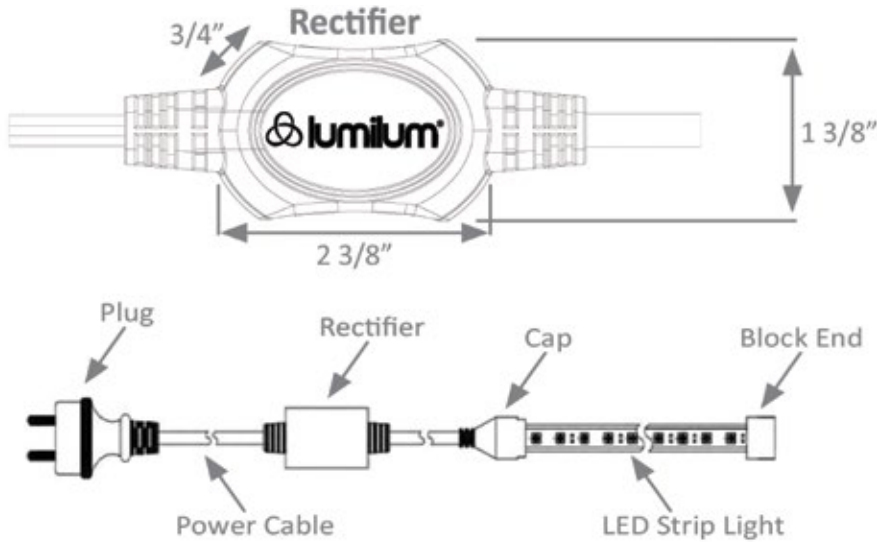
13"(L) x 13" W) x 6.5" (H), 20 lbs.



LINE VOLTAGE LED STRIP LIGHT SERIES



INSTALLATION DIAGRAM / SINGLE COLOR



J-BOX HARDWIRED

External view

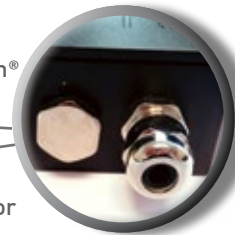


Only compatible with Lumilum® strip lights



4 ft. Connector to Lumilum® 120V strip light.

Second connector option for an additional 164 ft.



J-Box Measurements:
(4.33" L x 3.15" W x 1.78" H)

Line Voltage side includes 4 ft. of cable with loose wire ends.

Single Color Cable:
SJTW 2X18AWG 300V

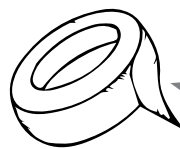
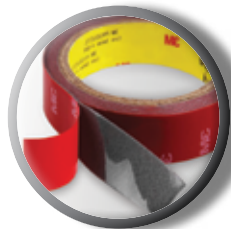


Internal view



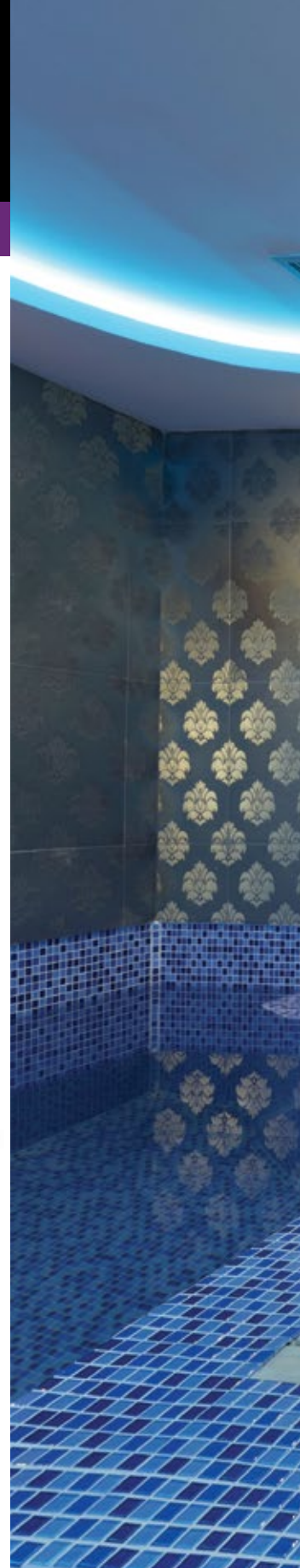
LED STRIP INSTALLATION METHODS

1. Double Sided Tape (3M Tape)



3M

Double sided tape Lumilum® recommends 3M Tape





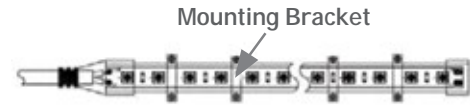


LINE VOLTAGE LED STRIP LIGHT SERIES

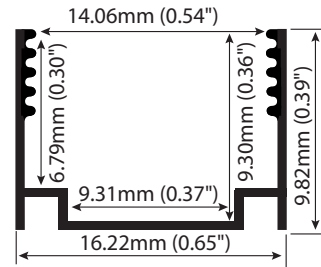
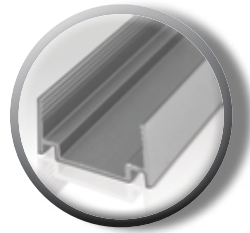
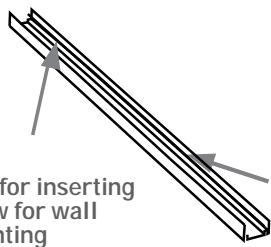


INSTALLATION DIAGRAM / SINGLE COLOR

2. Using Lumilum® Mounting Bracket



3. Using Lumilum® Aluminum U-Channel

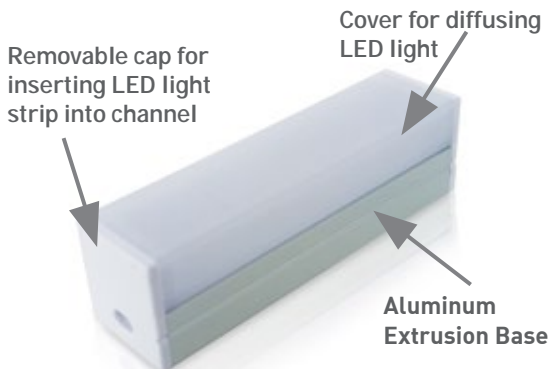


Hole for inserting
screw for wall
mounting

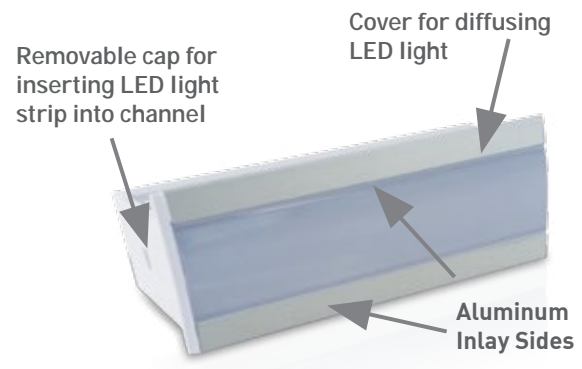
Aluminum U-Channel
same length arms for
inserting LED light strip

Aluminum U-Channel
LUM-120505U0 - 0.5" (Set of 6)
LUM-120505U1 - 1 FT.
LUM-120505U4 - 4 FT.

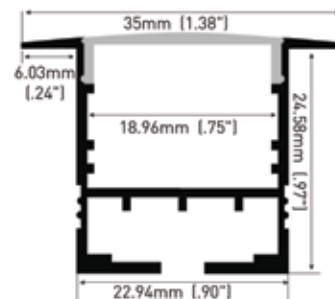
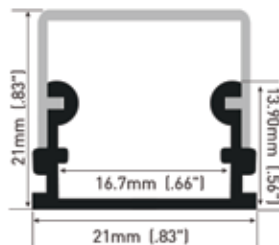
4. Aluminum Extrusion Surface Mount Channel with Diffuser & Aluminum Extrusion Recessed Channel with Diffuser



Aluminum Extrusion Surface Mount
Channel with Diffuser
LUM-P2114-U4 - 4 FT.
LUM-P2114-U8 - 8 FT.



Aluminum Extrusion Recessed
Channel with Diffuser
LUM-LT3525 - U4 - 4 FT.
LUM-LT3525 - U8 - 8 FT.





LINE VOLTAGE LED STRIP LIGHT SERIES



ACCESSORIES / CONNECTORS, PINS & CABLES / SINGLE COLOR



End Cap
LUM-120505EC
(2 Unit Packs)



Inter-Connector Cable

- LUM-120505CC-06 (6 in.)
- LUM-120505CC-12 (12 in.)
- LUM-120505CC-20 (20 in.)
- LUM-120505CC-40 (40 in.)



Intermediate Connector
LUM-120505IC



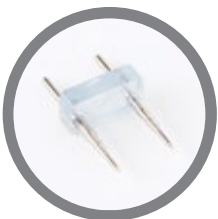
Inter-Connector Cable
Single Hub / Loose Wire
LUM-120505SH-5FT
(5ft. Cable)



L Connector
LUM-120505AC
90° Angle Connector



Inter-Connector Cable
Double Hub
LUM-120505CC-10FT
(10ft. Cable)



Connecting Pin
LUM-12050PSC
Sold Separately



Extension Cable for
Power Plug

- LUM-120505-XT10FT
(10ft. Cable)
- LUM-120505-XT75FT
(75ft. Cable)
- LUM-120505-XT175FT
(175ft. Cable)



Power Plug with Rectifier
LUM-120505PP



Hardwired Line Voltage
Connection J-Box
LUM-120505JB

LINE VOLTAGE LED STRIP LIGHT SERIES



ACCESSORIES / CHANNELS / SINGLE COLOR / 120V



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



Mounting Clip
LUM-120505CL
(10 Unit Packs)



U Channel / 1 Ft.
LUM-120505U1
Strip not Included



LUM-P2114-CL
Mounting Clip



U Channel / 4 Ft.
LUM-120505U4
Strip not Included



4 Ft. Recessed Aluminum
Channel with Diffuser
LUM-T3525-U4



4 Ft. Surface Mount
Channel with Diffuser
LUM-P2114-U4



8 Ft. Recessed Aluminum
Channel with Diffuser
LUM-T3525-U8



8 Ft. Surface Mount
Channel with Diffuser
LUM-P2114-U8



LUM-T3525-ECH
Endcap with Hole



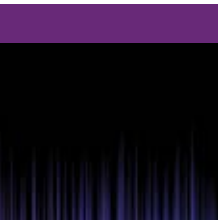
LUM-P2114-ECH
Endcap with Hole



LUM-T3525-ECN
Endcap Solid



LUM-P2114-ECN
Endcap Solid



LUM-T3525-CL
Spring Clip



BLUE
LED STRIP LIGHT
120V (HIGH VOLTAGE)





LINE VOLTAGE LED STRIP LIGHT SERIES



RGB / COLOR CHANGING / 120V

DIMMABLE



This high voltage LED Strip Light 120V and requires no power adapter or driver. The light source consists of 3,300 equally distributed high brightness SMD 5050 chips per 164ft. spool which is marked every 12 inches (1ft). The color changing possibilities are endless with over 16 million color variations all of which can be selected by using one of our Lumilum® DMX Decoder / Controllers. DMX Decoders are compatible with DMX Control Panels. (See accessories page for more details).

The colors and intensity on this RGB LED Strip Light can be changed and modified by using a DMX Controller. The entire 164ft. of this high voltage strip length can be used without the risk of voltage drop. This product is rated for outdoor and indoor use.

Color Options	Model #	UPC
• RGB - 164Ft.	LUM-B34XTS-165	854160004572
• RGB - 50Ft.	LUM-B34XTS-050	854160004589
• RGB - 25Ft.	LUM-B34XTS-025	854160004596

(Color Changing Option)



MODEL:
LUM-B34XTS-XXX



LINE VOLTAGE LED STRIP LIGHT SERIES



FEATURES, SPECIFICATIONS, PERFORMANCE & MANUALS

PRODUCT FEATURES

- 164 ft. spool (50 meters), 50 ft. spool (15.24 meters), 25ft. spool (7.62meters)
- 120 Volts AC. No Adapter or Driver required
- Controlled with DMX Decoder / Controller (Model: LUM-B34XTS-DMX)
- DMX Controller Decoder supplies power and color selection
- 12 inch (1 ft) increments (marked)
- 3.0 Watts/ ft.
- Outdoor/ Indoor rated
- Flexible, high transmittance UV protective cover
- 20 LED diodes per ft. and LED spacing: 0.5"
- Beam angle 120°
- Ambient operating temperature: -13°F ~ 113°F
- Width: 0.59"
- Height: 0.31"
- SMD 5050 high brightness RGB LED chips
- Multiple mounting and channel options available

IDEAL USES

- Any place where a long distance of LED strip light is required
- Cove and other indirect lighting
- Landscape lighting
- Under cabinets
- Stairways
- Building exteriors
- Bars / liquor displays
- Backlit signs
- Under tables
- Around furniture
- Window trims
- Fences
- Columns

PERFORMANCE

Color	Model	Color	Viewing Angle	Voltage	Current/Ft.	Power Consumption/Ft.
RGB	LUM-B34XTS-025 LUM-B34XTS-050 LUM-B34XTS-165	Red, Green, Blue (Color Changing)	120°	120V	0.03A	3.00W

ACCESSORY CONTROLLER MANUALS (ONLINE)

MODEL	PRODUCT DESCRIPTION	CUTSHEETS & MANUALS
LUM-B34XTS-DMX	Manual for DMX Controller	https://www.lumilum.com/pages/cut-sheets-forms
LUM-B34XTS-HRT	Manual for Handheld Remote	https://www.lumilum.com/pages/cut-sheets-forms
LUM-B34XTS-RF2	Manual for Radio Frequency to DMX Module	https://www.lumilum.com/pages/cut-sheets-forms
LUM-RGBUX8	Manual for Color Wheel Wall Panel DMX Controller	https://www.lumilum.com/pages/cut-sheets-forms



RED
LED STRIP LIGHT
120V (HIGH VOLTAGE)

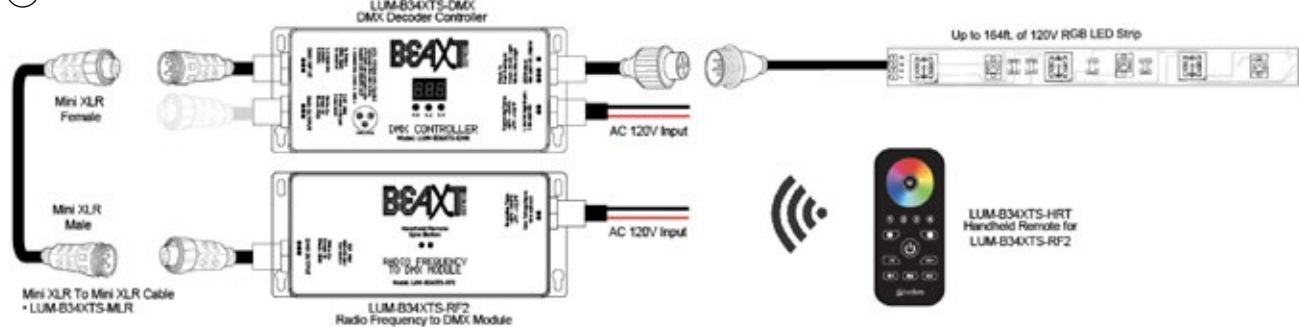


LINE VOLTAGE LED STRIP LIGHT SERIES

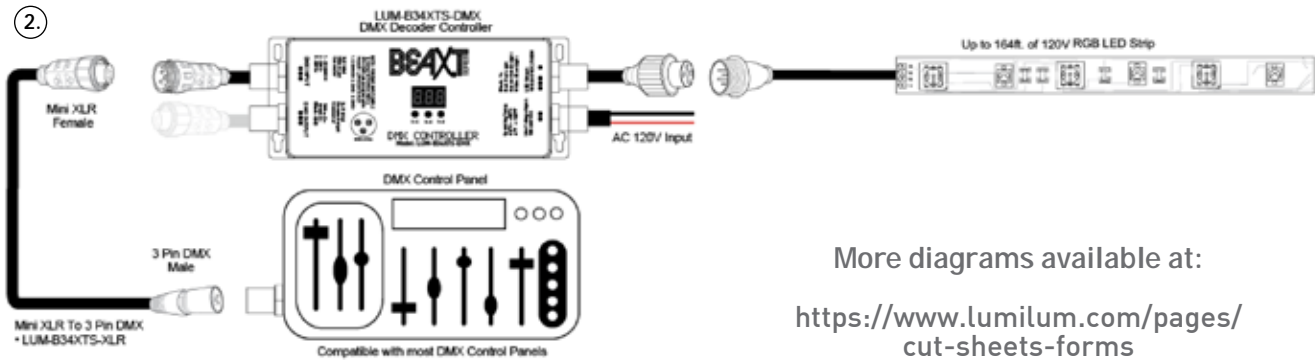


INSTALLATION DIAGRAMS & METHODS

①



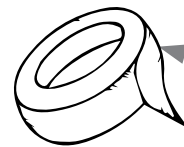
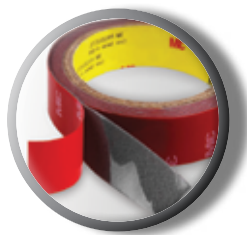
②



More diagrams available at:
<https://www.lumilum.com/pages/cut-sheets-forms>

LED STRIP INSTALLATION METHODS

1. Double Sided Tape
(3M Tape)



3M

Double sided tape Lumilum® recommends 3M Tape

2. Using Lumilum®
Mounting Bracket

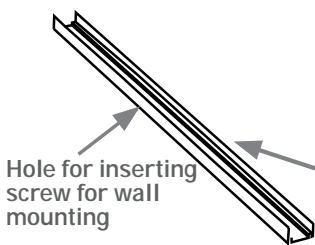
(Uses #4 screws not provided)



Mounting Bracket

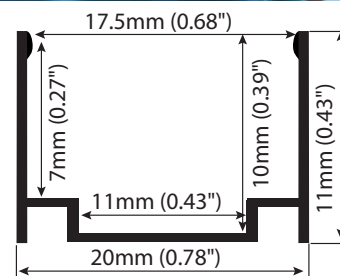
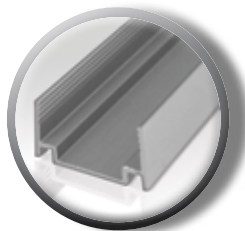


3. Using Lumilum® Aluminum U-Channel



Hole for inserting screw for wall mounting

Aluminum U-Channel same length arms for inserting LED light strip



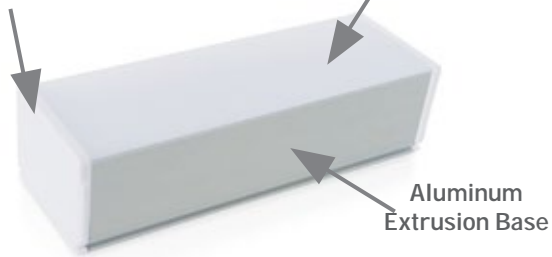
Aluminum U-Channel
 LUM-B34XTSU0 - 0.5" (Set of 6)
 LUM-B34XTSU1 - 1 FT.
 LUM-B34XTS5U4 - 4 FT.

LED STRIP INSTALLATION METHODS

4. Aluminum Extrusion Surface Mount Channel with Diffuser & Aluminum Extrusion Recessed Channel with Diffuser

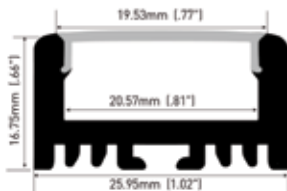
Removable cap for inserting LED light strip into channel

Cover for diffusing LED light



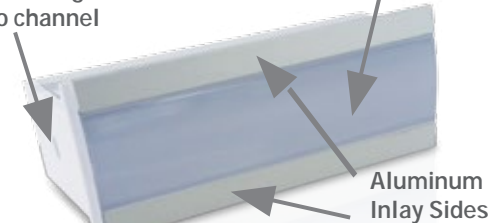
Aluminum Extrusion Base

Aluminum Extrusion Surface Mount Channel with Diffuser
 LUM-P2617 - U4 - 4 FT.
 LUM-P2617 - U8 - 8 FT.



Removable cap for inserting LED light strip into channel

Cover for diffusing LED light



Aluminum Inlay Sides

Aluminum Extrusion Recessed Channel with Diffuser
 LUM-T3525 - U4 - 4 FT.
 LUM-T3525 - U8 - 8 FT.



**RGB B34XTS SERIES
LED STRIP LIGHT**
120V (HIGH VOLTAGE)



LINE VOLTAGE LED STRIP LIGHT SERIES



PACKAGING, SHIPPING DIMENSIONS & WEIGHT



LINE VOLTAGE 120V LED STRIP LIGHT
Model: LUM-B34XTS-025
25 Ft. Spool

BOX DIMENSIONS & WEIGHT:
8.3"(L) x 8.3"(W) x 4.2"(H), 4.6 lbs.



LINE VOLTAGE 120V LED STRIP LIGHT
Model: LUM-B34XTS-050
50 Ft. Spool

BOX DIMENSIONS & WEIGHT:
8.3"(L) x 8.3"(W) x 6.5"(H), 7.7 lbs.



LINE VOLTAGE 120V LED STRIP LIGHT
Model: LUM-B34XTS-165
164 Ft. Spool

BOX DIMENSIONS & WEIGHT:
13"(L) x 13"(W) x 9.1"(H), 24.6 lbs.



RGB B34XTS SERIES
LED STRIP LIGHT
(RED SETTING)
120V (HIGH VOLTAGE)



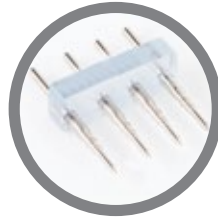
LINE VOLTAGE LED STRIP LIGHT SERIES



ACCESSORIES / CABLES, CONNECTORS & PINS / RGB / 120V



B34XTS Extension Cable
LUM-B34XTS-XT-10FT
10ft. Cable
(DMX Decoder to RGB Strip)



Connecting Pin
LUM-B34XTS-PSC
Sold Separately



B34XTS Extension Cable
LUM-B34XTS-XT-75FT
75ft. Cable
(DMX Decoder to RGB Strip)



Mounting Bracket
LUM-B34XTS-CL
(10 Unit Packs)
(Requires #4 Screw)



B34XTS Extension Cable
LUM-B34XTS-XT-175FT
175ft. Cable
(DMX Decoder to RGB Strip)



End Cap
LUM-B34XTS-EC
(2 Unit Packs)



B34XTS RGB Interconnector Cable
LUM-B34XTS-CX-4FT
(4 Pin Female Hub to 4 Pin Male
Round Cup)



Intermediate Connector
LUM-B34XTS-IC



Interconnector Cable
(4 Pin Female Hub to 4 Pin Hub)

LUM-B34XTS-CC-06
6 in. Cable

LUM-B34XTS-CC-12
12 in. Cable

LUM-B34XTS-CC-20
20 in. Cable

LUM-B34XTS-CC-40
40 in. Cable

LINE VOLTAGE LED STRIP LIGHT SERIES



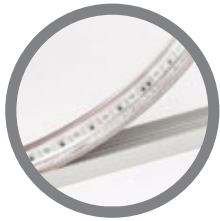
ACCESSORIES / CHANNELS / RGB / 120V



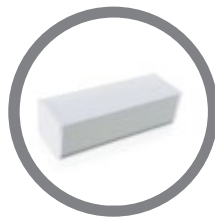
U Channel / 0.5"
LUM-B34XTS-U0
(Set of 6)



LUM-T3525-CL
Spring Clip



U Channel / 1 Ft.
LUM-B34XTS-U1
Strip not Included



4 Ft. Surface Mount
Channel with Diffuser
LUM-P2617-U4



U Channel / 4 Ft.
LUM-B34XTS-U4
Strip not Included



8 Ft. Surface Mount
Channel with Diffuser
LUM-P2617-U8

LUM-P2617-ECH
Endcap with Hole



4 Ft. Recessed Aluminum
Channel with Diffuser
LUM-T3525-U4



LUM-P2617-ECN
Endcap Solid



8 Ft. Recessed Aluminum
Channel with Diffuser
LUM-T3525-U8

LUM-P2617-CL
Mounting Clip



LUM-T3525-ECH
Endcap with Hole

LUM-T3525-ECN
Endcap Solid



LINE VOLTAGE LED STRIP LIGHT SERIES



DMX CONTROLLERS (DECODER) & REMOTES / RGB / 120V

DMX DECODER / CONTROLLER

Model: LUM-B34XTS-DMX
100-240 VAC / 500W
DMX 3-Pin Connector Ready
IP67 Rated (Wet Location)
For use with: Lumilum® RGB Line Voltage 120V Strip Lights:

- 25 ft. Strip: LUM-B34XTS-025 (Sold Separately)
- 50 ft. Strip: LUM-B34XTS-050 (Sold Separately)
- 164 ft. Strip: LUM-B34XTS-165 (Sold Separately)

(Max Run is 164 ft.)



MINI XLR TO DMX CABLE

Model: LUM-B34XTS-XLR
Measures : 50" in Length



MINI XLR (Female) TO MINI XLR (Male) CABLE

Model: LUM-B34XTS-MLR
Measures : 52" in Length



IN-LINE JUNCTION CONNECTOR

Model: LUM-B34XTS-IJC
(3 WIRE / WATERPROOF)



RADIO FREQUENCY TO DMX MODULE

Model: LUM-B34XTS-RF2
100-240 VAC / 500W
DMX 3-Pin Connector Ready
IP67 Rated (Wet Location)
Requires: Handheld Remote / LUM-BE4XTS-HRT (Sold Separately)
For use with: Lumilum® DMX Controller / LUM-B34XTS-DMX



HANDHELD REMOTE

Model: LUM-B34XTS-HRT
Handheld Remote with Wall Mount Bracket
Compatible with: Lumilum® Radio Frequency
to DMX Module / LUM-BE4XTS-RF2 /
B34XTS Series (Sold Separately)





COLOR WHEEL WALL PANEL DMX CONTROLLER

Model: LUM-RGBUX8

Wall Mounted DMX Control Panel that requires to be hardwired to a DMX Decoder Compatible with: Lumilum® DMX Decoder / Controller/ LUM-BE4XTS-DMX / 120V RGB B34XTS Series Strip Light (Sold Separately) LUM-RGBUX8-RC (Wireless Remote Control)



REMOTE CONTROL RF FOR COLOR WHEEL WALL PANEL DMX CONTROLLER

Model: LUM-RGBUX8-RC



WIFI MODULE FOR COLOR WHEEL WALL PANEL DMX CONTROLLER

Model: LUM-RGBUX8-WF

(WIFI Receiver with Wireless remote Control Included)
Also works with Lumilum® RGB Low Voltage DMX Decoder / LUM-DMX212 & RGB Low Voltage DMX Hardwired Decoder IP65 LUM-DMXWP2 / 24V RGB Low Voltage Series Strip Light (Sold Separately)



COOL WHITE
LED STRIP LIGHT
24V (LOW VOLTAGE)



LOW VOLTAGE LED STRIP LIGHT SERIES



IP54 SERIES / SINGLE COLOR / 24V

DAMP LOCATION RATED - DIMMABLE

Bright, commercial grade, >95 CRI (Color Rendering Index), damp location rated, 16.4ft. spool, with 300 LED super bright, SMD 5050 high performance / low energy chips, 24 Volts, cuttable every 4 inches, 55 Watts, 3M industrial strength adhesive backing, silicone coating, plug and play connector, loose wire at the end of spool, damp location rated.

Color Options	Model #	UPC
• Ultra Warm White	LUM-2430IP54-2700K	854160004190
• Warm White	LUM-2430IP54-3000K	854160004909
• Natural White	LUM-2430IP54-4000K	854160004732
• Cool White	LUM-2430IP54-5500K	854160004206
• Blue	LUM-2430IP54-BLUE	854160004190

MODEL:
LUM-2430IP54-XXXXK



LOW VOLTAGE LED STRIP LIGHT SERIES



FEATURES & SPECIFICATIONS / IP54 / SINGLE COLOR / 24V

PRODUCT FEATURES

- 16.4 ft. spool
- Cuttable every 4" / 5 LED chips
- 50,000 hours rated life
- >95 CRI (Color Rendering Index)
- Silicone coated for water and humidity protection
- Up to two rolls (32.8 ft.) can be connected in series
- Can be used with 3 options of power source:
 - Desktop Adapter PA2496W2 (indoor use)
 - Meanwell Power Driver (indoor/outdoor use)
 - Dimmable Electronic Driver (indoor)
- Free of projected heat, UV and IR radiation
- ETL rated
- 3 Year warranty

SPECIFICATIONS

- 24 Volts DC. Power Adapter or Driver required
- 55 Watts (3.35 watts/foot = 11 watts/meter)
- Current per reel = 2.3 A
- Water Resistant rated IP54
- Width: 0.39" (10mm)
- Height: 0.08" (2mm)
- Length: 16.4ft (5 meters)
- LED spacing: 0.66" (16.7mm)
- 18 LED diodes per ft
- Can be cut in segments marked every 5 LED chips across copper connectors; cutting Increment: 4" (101.6 mm)
- Beam angle 120°
- Ambient operating temperature: -68°F to +17

PERFORMANCE

Color	Model	Color Temp.	Lumen/Ft.	Power Consumption/Ft.	CRI
Ultra Warm White	LUM-2430IP54-2700K	2,700°K	360	3.35 W	>95
Warm White	LUM-2430IP54-3000K	3,000°K	360	3.35 W	>95
Natural White	LUM-2430IP54-4000K	4,000°K	360	3.35 W	>95
Cool White	LUM-2430IP54-5500K	5,500°K	360	3.35 W	>95
Blue	LUM-2430IP54-BLUE	465nm	300	3.35 W	N/A

PACKAGING

SHIPPING DIMENSIONS & WEIGHT

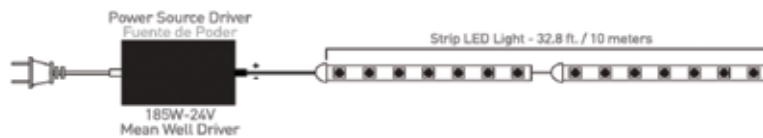
9.25"(L) x 0.75"(W) x 6.5 "(H), 0.6 lbs.



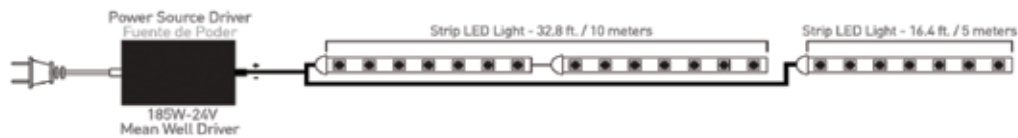


INSTALLATION DIAGRAM

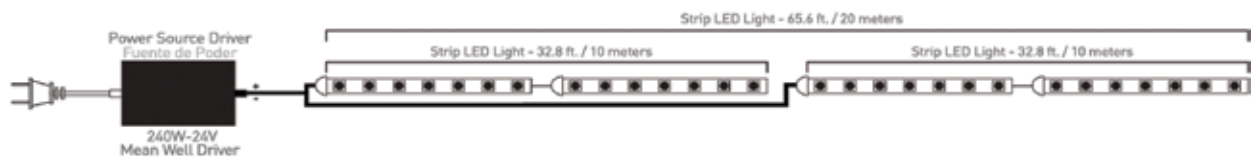
Up to 32.8 ft. (2 rolls)



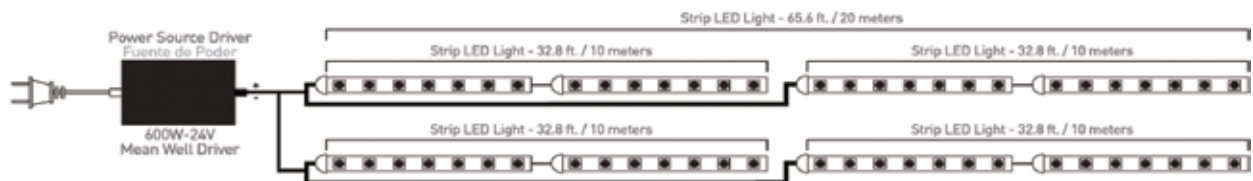
Up to 49.2 ft. (3 rolls)



Up to 65.6 ft. (4 rolls)



Up to 131.2 ft. (8 rolls)



COOL WHITE
LED STRIP LIGHT
24V (LOW VOLTAGE)





LOW VOLTAGE LED STRIP LIGHT SERIES



COLOR OPTIONS / IP54 SERIES / 24V

Ultra Warm White
Model# LUM-2430IP54-2700K



Warm White
Model# LUM-2430IP54-3000K



Natural White
Model# LUM-2430IP54-4000K



Cool White
Model# LUM-2430IP54-5500K



Blue
Model# LUM-2430IP54-BLUE



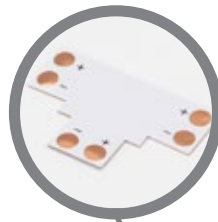
LOW VOLTAGE LED STRIP LIGHT SERIES



ACCESSORIES / IP54 / SINGLE COLOR / 24V



Connector Wire
Clip 10mm 24V
LUM-CC12SCBC



T Connector 10mm
LUM-FCSCCTASM
(3 Way Connector)



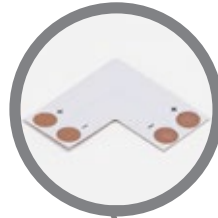
Clip 10mm 24V
LUM-CC12SCXC



T Connector 10mm
Clips Included



18 Gauge Wire
50ft. Spool
LUM-W18SC100



L Connector 10mm
LUM-FCSCCLASM
(90° Angle Connector)
Clips Included



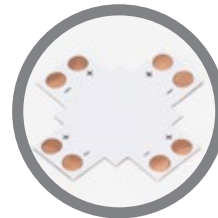
Male Power Plug
Connection Cable 24V
LUM-MPP8ST21



L Connector 10mm
Clips Included



Female Power Plug
Connection Cable 24V
LUM-FPP8ST21



X Connector 10mm
LUM-FCSCXASM
(4 Way Connector)
Clips Included



X Connector 10mm
Clips Included





BLUE LED STRIP LIGHT
24V (LOW VOLTAGE)





RGB (PURPLE SETTING)
LED STRIP LIGHT
24V (LOW VOLTAGE)



LOW VOLTAGE LED STRIP LIGHT SERIES



IP54 SERIES / RGB / 24V

DAMP LOCATION RATED - DIMMABLE

Commercial grade, super bright, damp location rated, 16.4 ft. spool, with 300 LED SMD 5050 high performance chips, 24 Volts, cuttable every 4 inches, 3M industrial strength adhesive backing, 50 Watts, silicone coating, plug and play connector, color coded loose wires at the beginning and end of spool.

Color Options	Model #	UPC
• RGB (Color changing option)	LUM-601206-RGB	854160004213

Over 16 million color variations in RGB strip light

MODEL:
LUM-601206-RGB



LOW VOLTAGE LED STRIP LIGHT SERIES



FEATURES, SPECIFICATIONS & PACKAGING / IP54 / RGB

PRODUCT FEATURES

- 16.4ft spool
- Cuttable every 4" / 6 LED chips
- 50,000 hours rated life
- Silicone coated for water and humidity protection
- Up to two rolls (32.8ft.) can be connected in series
- Can be used with 2 options of power source:
 - Desktop Adapter PA2496W2 (indoor use)
 - Meanwell Power Driver (indoor/outdoor use)
- Free of projected heat, UV and IR radiation
- SMD5050 high brightness LED chips
- ETL rated
- 3 Year limited warranty

SPECIFICATIONS

- 24 Volts DC. Power Adapter or Driver required
- 55 Watts (3.35 watts/foot = 11 watts/meter)
- Current per reel = 2.3 A
- Damp location rated IP54
- Width: 0.39" (10mm)
- Height: 0.08" (2mm)
- Length: 16.4ft (5 meters)
- LED spacing: 0.66" (16.7mm)
- 18 LED diodes per foot
- Can be cut in segments every 6 LED chips across copper connectors; cutting increment: 4" (101.6 mm)
- Beam angle 120°
- Ambient operating temperature: -68°F to +176°F

PERFORMANCE

Color	Model	Color Temp.	Power Consumption/Ft.
RGB	LUM-601206-RGB	R=626nm G=525nm B=470nm	4.39W/367mA

PACKAGING

SHIPPING DIMENSIONS & WEIGHT

9.25" (L) x 0.75" (W) x 6.5" (H), 0.6 lbs.





**RGB (GREEN SETTING)
LED STRIP LIGHT
24V (LOW VOLTAGE)**

INSTALLATION DIAGRAM (ONLINE)

MODEL	PRODUCT DESCRIPTION	CUTSHEETS & MANUALS
LUM-RFCPRX53	Compact Radio Frequency Wireless RGB Controller	https://www.lumilum.com/pages/cut-sheets-forms
LUM-RCTOSR01	GB LED Controller Touch Series (Radio Frequency)	https://www.lumilum.com/pages/cut-sheets-forms
LUM-1Z138W	1 Zone In-Wall RGB Controller	https://www.lumilum.com/pages/cut-sheets-forms
LUM-U1228W	3 Zone In-Wall RGB Controller	https://www.lumilum.com/pages/cut-sheets-forms
LUM-RGBUX8	Manual for Color Wheel Wall Panel DMX Controller	https://www.lumilum.com/pages/cut-sheets-forms

LOW VOLTAGE LED STRIP LIGHT SERIES



ACCESSORIES / IP54 / RGB / 24V



Connector Wire
(2 Clips on both ends)
10mm 24V
LUM-C12RGBBC



T Connector 10mm
LUM-FCRGBTSM
(3 Way Connector)



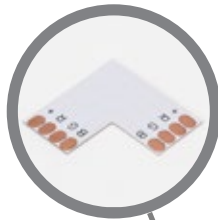
Clip 10mm 24V
LUM-CC12RGBC



T Connector 10mm
Clips Included



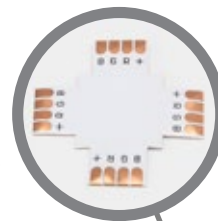
18 Gauge Wire
LUM-W3RGB100
100ft. Spool



L Connector 10mm
LUM-FCRGBLSM
(90° Angle Connector)
Clips Included



L Connector 10mm
Clips Included



X Connector 10mm
LUM-FCRGBXSM
Clips Included



X Connector 10mm
Clips Included



RGB STRIP LIGHT
(ORANGE SETTING)
24V (LOW VOLTAGE)



RGB (BLUE SETTING)
24V (LOW VOLTAGE)



LOW VOLTAGE LED STRIP LIGHT SERIES



ACCESSORIES / IP54 / RGB / 24V

**Compact Radio Frequency
Wireless RGB Controller
Model: LUM-RFCPRX53**



Controls color and brightness of RGB strip lights; easy to use and simple functionality to control color and brightness as well as color changing patterns and speed mode; can be easily connected directly to Lumilum® RGB Strip Lights as well as to our Power Adapter.

**RGB Touch Series Controller
(Radio Frequency)
(Type 1: Unique Frequency)
Model: LUM-RCT0SR01-1**



Each remote and receiver in this series works on an individual frequency from other remotes and receivers in the series. Ergonomically designed, this remote controller uses a touch wheel to generate color combinations and brightness control, color changing patterns and speed mode. Works in conjunction with Touch Series Amplifier when strip light distance requires > 16.4ft.

**RGB Touch Series Controller
(Radio Frequency)
(Type 2: Common Frequency)
Model: LUM-RCT0SR01-2**



Each remote and receiver in this series have the same frequency. Our remote will control several receivers. Ergonomically designed, this remote controller uses a touch wheel to generate color combinations and brightness control, color changing patterns and speed mode. Works in conjunction with Touch Series Amplifier when strip light distance requires > 16.4ft.

**RGB LED Controller Signal
Amplifier Touch Series
Model: LUM-RCAT0SR3**



Use this amplifier together with the RGB LED Controller - Touch Series when you need to connect several strips together. This amplifier works to keep the remote controller signal strong over long distance. You will also need additional power sources for each stretch of strip.

**1 Zone In-Wall RGB Controller
Model: LUM-1Z138W**



Control Lumilum® RGB Lighting in one zone using one or as many RGB receivers as required. All receivers will respond to the same color changes. Controller is hardwired to the receiver.

Transformer for Controller
Model: LUM-PA9120

Included with In-Wall RGB Controllers:
LUM-1Z138W & LUM-U1228W

**3 Zone In-Wall RGB Controller
Model: LUM-U1228W**



Control Lumilum® RGB Lighting in 1-3 different zones using one controller. Controller is hardwired to the receiver. Receiver or receivers groups can be set to a specific address to function as a group (1, 2 or 3).

Transformer for Controller Model:
LUM-PA9120

Included with In-Wall RGB Controllers:
LUM-1Z138W & LUM-U1228W

LOW VOLTAGE LED STRIP LIGHT SERIES



ACCESSORIES / KIT / IP54 / RGB / 24V

RGB Low Voltage
DMX Decoder
Model: LUM-DMX212



DMX Decoder for hardwired installations.

RGB Low Voltage DMX
Hardwired Decoder IP65
Model: LUM-DMXWP2



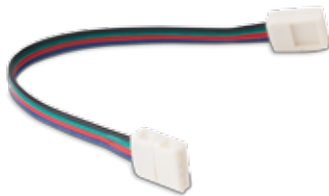
DMX Decoder for hard-wired installations (Damp location rated IP65)

RGB Signal Amplifier
(for In-Wall Series)
Model: LUM-PR3002



Signal Amplifier for In-Wall mounted series.

RGB Strip Light
Connector Clips
Model: C12RGBBC



Connector clips to copper connectors to unite two segments of strip light. Can be used with RGB strips. Works mechanically, can be soldered if required.

Spool of Color Coded
RGB Wire
Model: W3RGB100



Wire for RGB low voltage strip lights 18 gauge - 100 ft. roll

Remote Control
Model: LUM-RGBUX8-RC



Remote Control RF for Color Wheel Wall Panel DMX Controller (Compatible with 24V -IP54, IP20, IP67)

Color Wheel Wall Panel
DMX Controller
Model: LUM-RGBUX8



Wall Mounted DMX Control Panel that requires to be hardwired to a DMX Decoder compatible with: Lumilum® DMX Decoder LUM-DMX212 (Sold Separately) and LUM-RGBUX8-RC (Wireless Remote (Compatible with 24V Strips -IP54, IP20, IP67)

Wifi Module for Color Wheel Wall
Panel DMX Controller
Model: LUM-RGBUX8-WF



(WIFI Receiver with Wireless remote Control Included) Also works with Lumilum® RGB Low Voltage DMX Decoder / LUM-DMX212 & RGB Low Voltage DMX Hardwired Decoder IP65 LUM-DMXWP2 (Compatible with 24V Strips -IP54, IP20, IP67)

See installation diagrams and required components on our website:

www.lumilum.com/diagrams



RGB LED STRIP LIGHT KIT

Model: LUM-60RGBKIT

All components included

SMD 5050 RGB Super Bright LED Chips

24 Volts / 55 Watts

RGB Controller with Radio Frequency Remote

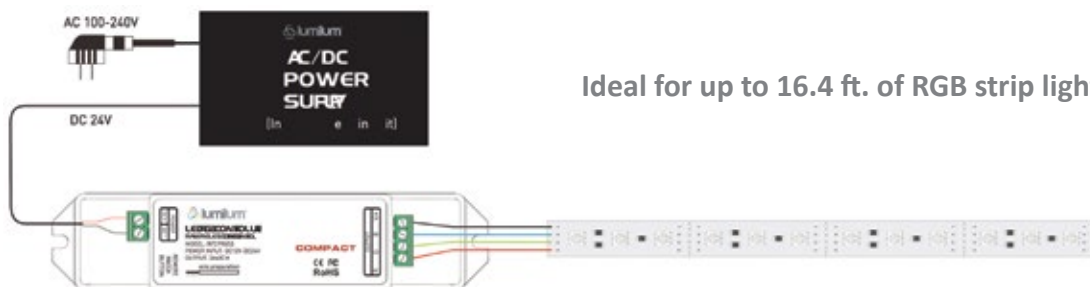
3M Industrial Strength Adhesive Backing



RGB LED STRIP LIGHT KIT INCLUDES:

- Led Strip Light (16.4 ft.): LUM-601206-RGB
- Remote Controller: LUM-RFCPRX53
- Power Adapter: LUM-PA2496W2

INSTALLATION DIAGRAM



Ideal for up to 16.4 ft. of RGB strip light



LOW VOLTAGE LED STRIP LIGHT SERIES



IP54 SERIES / RGB LIGHT WAVE / 24V

LIGHT *wave*

DAMP LOCATION RATED - COLOR CHASING

"Color Changing" strip light with independently addressable LED chips. Commercial grade, super bright, damp location rated (IP54), 16.4ft. spool, with 300 LED SMD 5050 high performance chips, 24 Volts, cuttable every 4 inches, 3M Industrial strength adhesive backing, 50 Watts, silicone coating, plug and play connector, dimmable with controller, color coded loose wires at the beginning and end of spool.

Color Options	Model #	UPC
• RGB WAVE (Segmented color changing option)	LUM-601206-WAV	854160004893

Over 16 million dynamic color variations in RGB strip light

MODEL:
LUM-601206-WAV



LOW VOLTAGE LED STRIP LIGHT SERIES



FEATURES, SPECS & PACKAGING / RGB LIGHTWAVE

PRODUCT FEATURES

- 16.4ft spool
- Cuttable every 4"/ 6 LED chips
- 50,000 hours rated life
- Silicone coated for water and humidity protection
- Up to two rolls (32.8ft.) can be connected in series
- Can be used with 2 options of power source:
 - Desktop Adapter PA2496W2 (indoor use)
 - Meanwell Power Driver (indoor/outdoor use)
- Free of projected heat, UV and IR radiation
- SMD5050 high brightness LED chips
- ETL rated
- 3 year limited warranty

SPECIFICATIONS

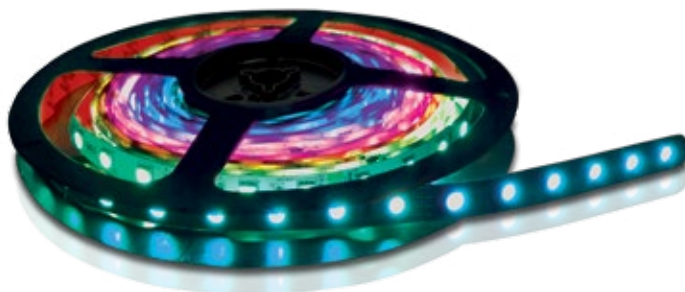
- 24 Volts DC. Power Adapter or Driver required
- 55 Watts (3.35 watts/foot = 11 watts/meter)
- Current per reel = 2.3 A
- Damp location rated IP54
- Width: 0.39" (10mm)
- Height: 0.08" (2mm)
- Length: 16.4ft (5 meters)
- LED spacing: 0.66" (16.7mm)
- 18 LED diodes per ft
- Can be cut in segments every 6 LED chips across copper connectors; cutting increment: 4" (101.6 mm)
- Beam angle 120°
- Ambient operating temperature: -68°F to +176°F

PERFORMANCE

Color	Model	Color Temp.	Power Consumption/Ft.
RGB	LUM-601206-WAV	R=626nm G=525nm B=470nm	4.39W/367mA

PACKAGING

SHIPPING DIMENSIONS & WEIGHT
9.25" (L) x 0.75" (W) x 6.5" (H), 0.6 lbs.





LIGHT WAVE STRIP LIGHT
24V (LOW VOLTAGE)

COMPACT CONTROLLER WITH RF REMOTE
Model: LUM-RFCPRX54-WAV

PACKAGING
SHIPPING DIMENSIONS & WEIGHT
5.25" (L) x 0.09" (W) x 7.87" (H), 0.6 lbs.







LOW VOLTAGE LED STRIP LIGHT SERIES



IP20 SERIES / SINGLE COLOR & RGB / 24V

PRO SERIES - DIMMABLE

IP20 LED strip light for the professional installer with 600 LED SMD 2835 chips per roll (single color) and 300 LED chips per roll (RGB) high performance, 24 Volts, cuttable every 2 inches (single color) and every 4 inches (RGB), 3M industrial strength adhesive backing, bright >300 lumens / ft and >95 CRI (Color Rendering Index), rated for indoor use, 16.4 ft. spool, plug and play connector, 2.1mm loose wire at the end of spool. Can be used together with the Lumilum® Aluminum Extrusion Channels.

Color Options	Model #	UPC
• 2,200K	LUM-573120-2200K	854160004626
• 2,700K	LUM-573120-2700K	854160004633
• 3,000K	LUM-573120-3000K	854160004640
• 4,000K	LUM-573120-4000K	854160004657
• 5,500K	LUM-573120-5500K	854160004664
(Color changing option)		
• RGB	LUM-501206-RGB	854160004671

Over 16 million color variations in RGB strip light

MODEL:
LUM-573120-XXXXK
LUM-501206-RGB



MALE CONNECTOR
INCLUDED WITH STRIP



LOW VOLTAGE LED STRIP LIGHT SERIES



FEATURES, SPECIFICATIONS & COLOR OPTIONS / IP20

PRODUCT FEATURES

- 16.4ft spool
- Cuttable every 2" (Single Color) / 6 LED Chips
- Cuttable every 4" (RGB) / 6 LED Chips
- 50,000 hours rated life
- Single Color CRI > 95 (Color Rendering Index)
- Up to (32.8ft.) 2 rolls can be connected
- Can be used with 2 options of power source:
 - Desktop Adapter PA2496W2 (indoor use)
 - Meanwell Power Driver (indoor/outdoor use)
 - Dimmable LED Drivers (Single Color only)
- Free of projected heat, UV and IR radiation
- ETL rated
- Industrial Strength 3M Adhesive Back
- Super Bright SMD 2835 LED Chips (Single Color)
- Super Bright SMD 5050 LED Chips (RGB)
- 3 Year limited warranty

SPECIFICATIONS

- 24 Volts DC Power Adapter or Driver required
- 50 Watts (3.05 watts/foot = 10 watts/meter)
- Current per reel = 2.08 A
- For indoor use only IP20 rated
- Width: 0.39" (10mm)
- Height: 0.039" (1mm)
- Length: 16.4ft (5 meters)
- LED spacing: 0.66" (16.7mm)
- 36 SMD2835 diodes per ft.
- Can be cut in segments across copper connectors; cutting increment:
 - RGB: 4" (101.6 mm)
 - Single Color: 2" (50.8 mm)
- Beam angle 120°
- Ambient operating temperature:
 - 68°F to +176°F

PERFORMANCE

Color	Model	Color Temp.	Lumen/Ft.	Power Consumption (Watts/Ft.)
Antique Warm White	LUM-573120-2200K	2,200K	300	3.05
Ultra Warm White	LUM-573120-2700K	2,700K	310	3.05
Warm White	LUM-573120-3000K	3,000K	320	3.05
Natural White	LUM-573120-4000K	4,000K	350	3.05
Cool White	LUM-573120-5500K	5,500K	375	3.05

LED STRIP LIGHT (CHIPSET)



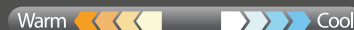
RGB
SMD5050

SINGLE
COLOR
SMD2835

COLOR OPTIONS IN PRO SERIES



COLOR TEMPERATURE SCALE







**WARM WHITE
LED STRIP LIGHT**
24V (LOW VOLTAGE)



LOW VOLTAGE LED STRIP LIGHT SERIES



PACKAGING / SINGLE COLOR & RGB / IP20 / 24V

PACKAGING

SHIPPING DIMENSIONS & WEIGHT

SINGLE COLOR: 6.5" (L) x 0.63" (W) x 6.5" (H), 0.3 lbs.

RGB: 7.28" (L) x 7.28" (W) x 0.63"(H), 0.3 lbs.





ANTIQUÉ WARM WHITE
LED STRIP LIGHT
24V (LOW VOLTAGE)



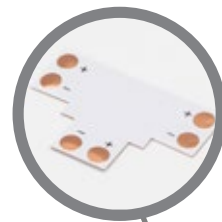
LOW VOLTAGE LED STRIP LIGHT SERIES



ACCESSORIES / SINGLE COLOR / IP20 / 24V



Connector Wire Clip
10mm 24V
LUM-CCIP20BC
(Set of 6)



T Connector 10mm
(3 Way Connector)
LUM-FCSCCTASM



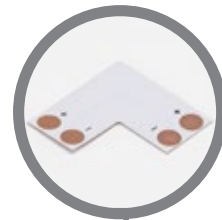
Clip 10mm 24V
LUM-CC12SCXC



T Connector 10mm
Clips Included



18 Gauge Wire
100ft. Spool
LUM-W18SC100



L Connector 10mm
(90° Angle Connector)
LUM-FCSCCLASM
Clips Included



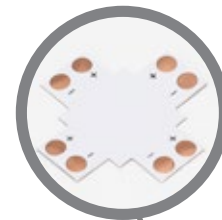
Male Power Plug
Connection Cable 24V
LUM-MPP8ST21



L Connector 10mm
Clips Included



Female Power Plug
Connection Cable 24V
LUM-FPP8ST21



X Connector 10mm
(4 Way Connector)
LUM-FCSCXASM
Clips Included



X Connector 10mm
Clips Included



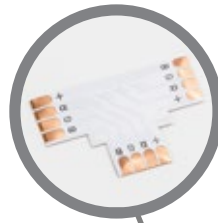
LOW VOLTAGE LED STRIP LIGHT SERIES



ACCESSORIES / RGB / IP20 / 24V



Connector Wire
(2 Clips on both ends)
10mm 24V
LUM-C12RGBBC



T Connector 10mm
(3 Way Connector)
LUM-FCRGBTSM



Clip 10mm 24V
LUM-CC12RGBC



T Connector 10mm
Clips Included



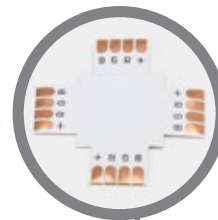
18 Gauge Wire
100ft. Spool
LUM-W3RGB100



L Connector 10mm
(90° Angle Connector)
LUM-FCRGBLSM
Clips Included



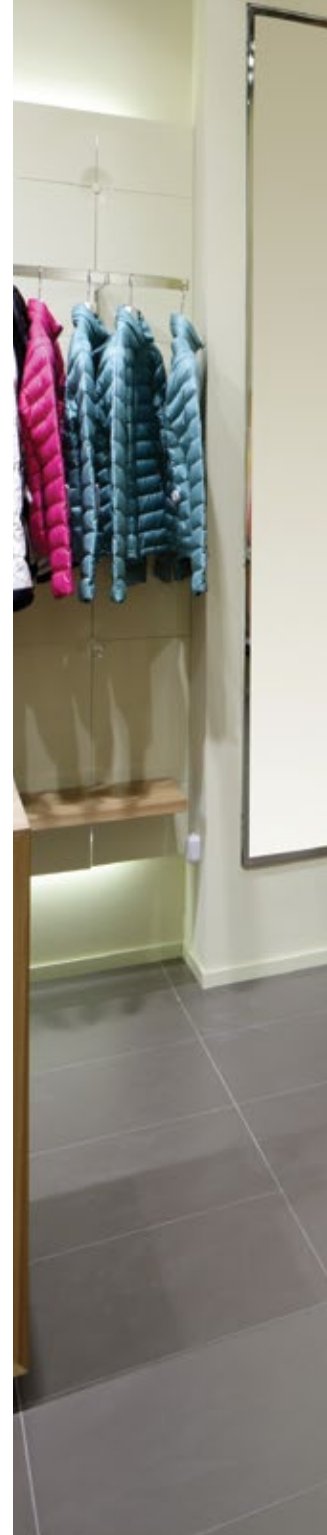
L Connector 10mm
Clips Included



X Connector 10mm
LUM-FCRGBXSM
Clips Included



X Connector 10mm
Clips Included





LOW VOLTAGE LED STRIP LIGHT SERIES

ACCESSORIES / IP20 / 24V

ALUMINUM EXTRUSION CHANNELS

Lumilum® Extrusion Channels have an aluminum casing that are available in different sizes, equal leg lengths, squared corners, and come with a frosted polished diffuser cover. Each extrusion channel is meant to house LED strip lights. Endcaps are also available in two options (with or without a hole for wires) for a professional finish. They have excellent corrosion resistance, moderate formability, and good weldability. Different connectors are also available for the most precise LED lighting jobs. The additional diffuser cover for the extrusion channels help minimize the LED dot effect on reflective surfaces, making it the perfect go-to accessory for a uniform light effect.

IP20 SINGLE COLOR & RGB

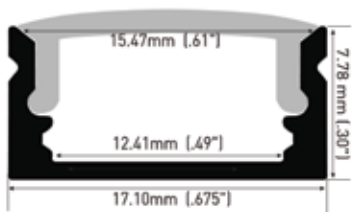


Aluminum Extrusion Surface Mount Channel
LUM-P1707D-U4 / 4 Ft./ Channel w/ Diffuser
LUM-P1707D-U8 / 8 Ft./ Channel w/ Diffuser
LUM-P1707D-ECN / Endcap Solid
LUM-P1707D-ECH / Endcap with Hole
LUM-P1707D-CL / Mounting Clip
LUM-P1707D-SC / Straight Connector
LUM-P1707D-AC / Angle Connector

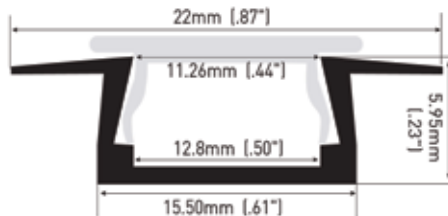


Aluminum Extrusion Recessed Channel
LUM-P2206D-U4 / 4 Ft./ Channel w/ Diffuser
LUM-P2206D-U8 / 8 Ft./ Channel w/ Diffuser
LUM-P2206D-ECN / Endcap Solid
LUM-P2206D-ECH / Endcap with Hole
LUM-P2206D-CL / Mounting Clip

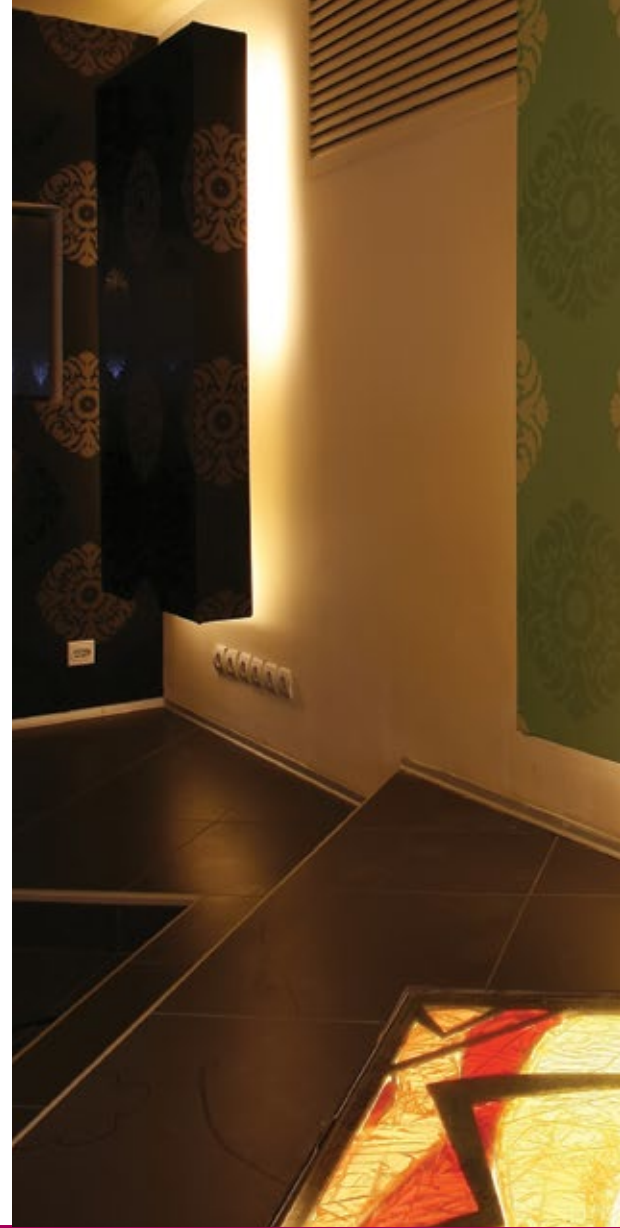
LUM-P1707D-U4
LUM-P1707D-U8



LUM-P2206D-U4
LUM-P2206D-U8



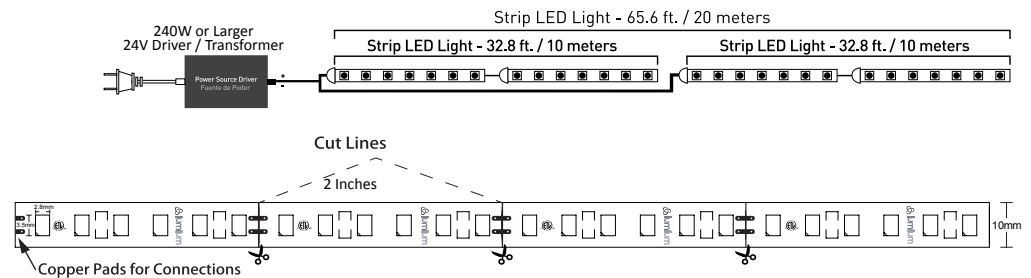
ANTIQUE WARM WHITE
LED STRIP LIGHT
24V (LOW VOLTAGE)



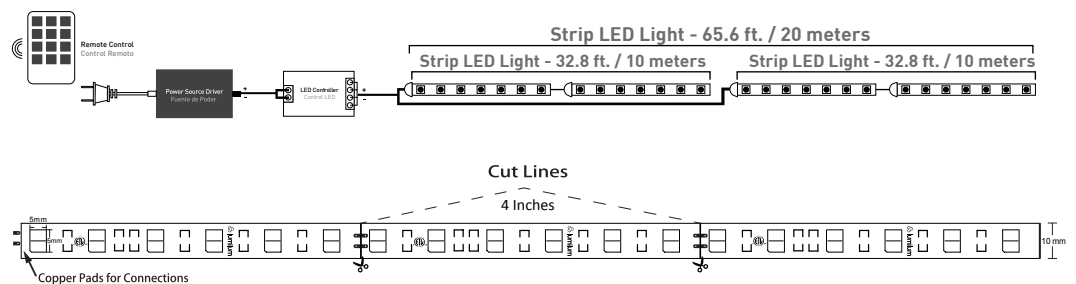


INSTALLATION DIAGRAMS

IP20 SINGLE COLOR



IP20 RGB



Required: A constant voltage power source (Adapter/Driver) is required to operate this strip LED light

Note: Not all magnetic transformers are suitable for LED lighting

Driver Selection Formula:

Total watts of connected strip x 1.2 = Adapter/Driver capacity in watts

Example: For 16.4 ft./5 meters of 50 Watts of Strip Light:
50 Watts x 1.2 = 60 Watts (Vatios) Driver/Adapter

* This product should be installed by a licensed or certified electrician

LOW VOLTAGE LED STRIP LIGHT SERIES



CHANNELS / RGB / SINGLE COLOR / IP20



4 Ft. Surface Mount
Channel with Diffuser
LUM-P1707D-U4



LUM-P1707D-AC
90° Angle Connector



8 Ft. Surface Mount
Channel with Diffuser
LUM-P1707D-U8



4 Ft. Recessed Aluminum
Channel with Diffuser
LUM-P2206D-U4



LUM-P1707D-ECH
Endcap with Hole



8 Ft. Recessed Aluminum
Channel with Diffuser
LUM-P2206D-U8



LUM-P1707D-ECN
Endcap Solid



LUM-P2206D-ECH
Endcap with Hole



LUM-P1707D-CL
Clear Mounting Clip



LUM-P2206D-ECN
Endcap Solid



LUM-P1707D-SC
Straight Connector



LUM-P2206D-CL
Mounting Clip





LOW VOLTAGE LED STRIP LIGHT SERIES



IP67 SERIES / SINGLE COLOR & RGB / 24V

WATER PROOF - DIMMABLE

Bright Commercial Grade, >90 CRI (Color Rendering Index), Water-proof rated, 16.4ft. Singlecolor /RGB and 32.8ft (RGB option) Spool, with 300 LED SMD 5050 High Performance / Low Energy Chips, 24 Volts, Silicone-encased LED light strip with rubber seal, Color coated loose wires at the beginning of spool.

Color Options	Model #	UPC
• Cool White	LUM-24505068-5500K	854160004718
• Warm White	LUM-24505068-3000K	854160004701
(Color changing option)		
• RGB	LUM-24RGBP68-05	854160004688
• RGB	LUM-24RGBP68-10	854160004695

MODEL:
LUM-24505068-XXXXK
LUM-24RGBP68-XX



LOW VOLTAGE LED STRIP LIGHT SERIES



FEATURES & SPECIFICATIONS / IP67 / SINGLE COLOR / 24V

PRODUCT FEATURES

- 16.4 ft. spool (Single color and RGB) and 32.8 ft. spool (RGB only)
- 50,000 hours rated life
- >90 CRI (Color Rendering Index)
- Up to two rolls (32.8 ft.) can be connected
- 24 Volts DC Power Adapter or Driver required
- Can be used with 3 options of power source:
 - Meanwell Power Driver (indoor/outdoor use)
 - Dimmable Magnetic Driver (indoor)
- Free of projected heat, UV and IR radiation
- Ambient operating temperature: -68°F to +17
- Beam angle 120°

SPECIFICATIONS

- ETL rated
- 55 Watts (3.35 watts/foot = 11 watts/meter)
- Current per reel = 2.3A
- Water-proof rated IP67
- Width: 0.39" (10mm)
- Height: 0.08" (2mm)
- Length: 16.4 ft (5 meters)
- LED spacing: 0.66" (16.7mm)
- 18 LED diodes per ft
- Silicone-encased with rubber seal
- 3 Year warranty

PERFORMANCE

Color	Model	Color Temp.	Lumen/Ft.	Power Consumption/Ft.	CRI
Cool White	LUM-24505068-5500K	5500°K	360	3.35 W	>90
Warm White	LUM-24505068-3000K	3000°K	360	3.35 W	>90
RGB	LUM-24RGBP68-05 LUM-24RGBP68-10	R=626nm G=525nm B=470nm	R=51 G=127 B=39	-	N/A







LOW VOLTAGE LED STRIP LIGHT SERIES



POWER SOURCES

Lumilum® LEDs provide maximum color vibrancy, longevity, and color rendering possible for your lighting projects; to achieve this, LED fixtures require the best possible power source.

LED fixtures are built with highly sensitive electronic components that are fed by electricity, which needs to be delivered very precisely to achieve a constant current at the LED chip level. In some cases, the power source (driver or adapter) uses constant voltage to achieve this purpose. This is mainly what makes LEDs so very different from all other lighting forms. We have selected the precise type of power source for each of our models, so your final decision should be based only on the location (indoor or outdoor) and the distance covered by your lighting project (when using strip lights).

All of our LED drivers and adapters are UL or ETL rated. Our adapters also have a long life-expectancy and are best suited for indoors. Our adapters are "plug and play" with our fixtures - no need for wire connecting. Lumilum® Mean Well Drivers are commercial grade, waterproof rated and can be used outdoors* or in locations with high humidity.

Power sources that are fully compatible with Lumilum® Low Voltage LED Strip Light Series. With four alternative categories to fit the precise need and budget:

- Power Adapter (Indoor Use) "Plug & Play"
- Mean Well Drivers (Commercial Grade)
- Dimmable Magnetic Transformers
- Dimmable Electronic Transformers



LOW VOLTAGE LED STRIP LIGHT SERIES




POWER SOURCES / POWER ADAPTERS

POWER ADAPTERS

This 36W / 60W / 96W - 24V Power Adapter series (plug and play) is specifically designed for Lumilum® LED strip light products IP20 / IP54 / IP67 series (both single color and RGB). Our LED strip lights come with a compatible connector plug which makes installation easy. As with all of our Lumilum® LED power sources, this one is also UL rated. This adapter is best suited for indoors and has a long life-expectancy (50,000 hours). These power adapters are the LED power supply for LED strip lights - single color & RGB.



TECHNICAL SPECIFICATIONS

Model:	LUM-PA2436W1 Power Adapter 24V-36W	LUM-PA2460W3 Power Adapter 24V-60W	LUM-PA2496W2 Power Adapter 24V-96W
			
Max Load	36W	60W	96W
Input Voltage	100-240V AC - 60Hz		
Input Current at Max Load	1.0A	1.2A	2.0A
Output Voltage	24V DC		
Output Current at Max Load	3.33A	2.0A	1.25A
Dimensions	4.5 x 2 x 1.25in.	4.5 x 2 x 1.25in.	5.5 x 1.38 x 1.25in.
Weight	0.5 lbs.	0.5 lbs.	0.8 lbs.





Power Adapter
36W / 24V
Model: LUM-PA2436W1



Power Adapter
60W / 24V
Model: LUM-PA2460W3



Power Adapter
96W / 24V
Model: LUM-PA2496W2



LOW VOLTAGE LED STRIP LIGHT SERIES

POWER SOURCES / DRIVERS

MEAN WELL DRIVERS

Mean Well is the leading designer and manufacturer of LED power supplies for both indoor and outdoor LED lighting applications. As some of the most demanding lighting products in the world, they are used for: street, tunnel, architectural, commercial signage and large display lighting. These LED drivers for interior use for long distance installations such as in cove lighting. Lumilum® recommends these LED drivers for heavy duty uses or when driver needs to be placed outdoors, subject to the elements. These UL listed drivers are IP65 wet location rated.



Mean Well Drivers
100W / 24V
Model: LUM-MW10024H



Mean Well Drivers
185W / 24V
Model: LUM-MW18524H



Mean Well Drivers
240W / 24V
Model: LUM-MW24024H



Mean Well Drivers
320W / 24V
Model: LUM-MW32024H








Mean Well Drivers
600W / 24V
Model: LUM-MW60024H





POWER SOURCES / DRIVERS / TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS

Model:	LUM-MW10024H Mean Well LED Driver 100W - 24V	LUM-MW18524H Mean Well LED Driver 185W - 24V	LUM-MW24024H Mean Well LED Driver 240W - 24V	LUM-MW32024H Mean Well LED Driver 320W - 24V	LUM-MW60024H Mean Well LED Driver 600W - 24V Indoor Use
					
DC Voltage Output	24V				
Rated Current	4.0A	7.8A	10A	13.34A	25A
Rated Power	96W	187.2W	240W	320.16W	600W
Ripple and Noise	150mVp-p				
Voltage Adjustment Range	22-27V	22-27V	22.4-25.6V	21-26V	24-25.2V
Voltage Range	90-305V AC				
Frequency Range	47-63Hz				
Over Current	95-106%	95-108%			
Short Circuit	Constant current limiting, Auto-recovery	Constant current limiting, Auto-recovery	Hiccup Mode, Auto-recovery	Hiccup Mode, Auto-recovery	Constant current limiting, Auto-recovery
Over Voltage	28-34V	28-34V	27-34V	27-33V	26-30V
Over Temperature	100-240V Shutdown O/P Voltage, Recovers automatically after temperature goes down			Shutdown & latch off O/P Voltage, Re-power on to recover	Shutdown O/P Voltage, Re-power on to recover
Working Temperature	Tcase= -40°F - +194°F				
Working Humidity	20-95% RH non-condensing				
Storage Temperature Humidity	-40 - 176°F, 10-95% RH				
MTBF	192.2K hrs min. (77°F)	192.2K hrs min. (77°F)	207.9K hrs min. (77°F)	157.1K hrs min. (77°F)	76.9K hrs min. (77°F)
Dimensions	8.66x2.68x1.53 in	8.98x2.68x1.53 in	9.61x2.78x1.53in	9.92x3.54x1.72 in	11.2x5.67x1.91 in
Packing	2.47lbs; 12pcs/31.75lbs	2.54lbs; 12pcs/32.63lbs	2.87lbs; 12pcs/36.6lbs	4.14lbs; 8pcs/35.27lbs	8.6lbs; 4pcs/36.6lbs

LOW VOLTAGE LED STRIP LIGHT SERIES

POWER SOURCES / MAGNETIC DIMMABLE TRANSFORMERS

MAGNETIC DIMMABLE TRANSFORMER

Our dimmable magnetic transformers are compatible with Lumilum® 24V LED Strip Lights and Lumilum® Ultra Flat LED Cabinet Lighting Series. The transformer can be operated with a low voltage wall mounted dimmer that is available at any hardware store. There are no minimum load requirements when used with a dimmer. The transformers cause no flicker or any of the other side effects that can result from a lack of synchronization between voltage mode drivers and PWM low voltage drivers in the light fitting. Fully compatible with low voltage dimmers, in contrast to voltage mode drivers that balance the voltage in the system and prevent the dimmer from working. The transformers are 15% more efficient, due to the avoidance of unnecessary double conversion in the circuitry. They operate at a perfect 60Hz sinus wave, therefore they produce no radio frequency interference whatsoever.



Magnetic Dimmable
Transformer
40W / 24V
Model: LUM-PD2440WD



Magnetic Dimmable
Transformer
60W / 24V
Model: LUM-PD2460WD



Magnetic Dimmable
Transformer
100W / 24V
Model: LUM-PD24100D



Magnetic Dimmable
Transformer
150W / 24V
Model: LUM-PD24150D



Magnetic Dimmable
Transformer
200W / 24V
Model: LUM-PD24200D









Magnetic Dimmable
Transformer
300W / 24V
Model: LUM-PD24300D





POWER SOURCES / TRANSFORMERS/ TECHNICAL SPECS

TECHNICAL SPECIFICATIONS

Model:	LUM-PD2440WD Magnetic Dimmable Transformer 24V-40W 	LUM-PD2460WD Magnetic Dimmable Transformer 24V-60W 	LUM-PD24100D Magnetic Dimmable Transformer 24V-100W 	LUM-PD24150D Magnetic Dimmable Transformer 24V-150W 	LUM-PD24200D Magnetic Dimmable Transformer 24V-200W 	LUM-PD24300D Magnetic Dimmable Transformer 24V-300W 
Max Load	40W	60W	100W	150W	200W	300W
Input Voltage	120V - 60Hz					
Input Current Full Load	0.41A	0.95A	0.96A	1.95A	2.51A	2.86A
Output Voltage Full Load	23.4V DC	23.3V DC	23.3V DC	23.1V DC	23.3V DC	23.5V DC
Max Output Current Full Load	1.72A	2.56A	4.31A	6.5A	10.9A	20.8A
Open Circuit Output Voltage	25.7V DC	25.0V DC	25.8V DC	25.6V DC	26.2V DC	25.5V DC
Avg. Efficiency	82%	85%	85%	85%	87%	90%
Power Factor	.89	.82	.89	.93	.9	.9
Coil Former	Double Section Bobbin					
Max Ambient Temperature	-22°F - 113°F					
Min. Installation Space Between Drivers	5 Inches					
Thermal Class	B130°C					
Leads Primary	PVC 600V #20	PVC 600V #20	PVC 600V #20	PVC 600V #18	PVC 600V #18	PVC 600V #18
Leads Secondary	PVC 300V #16	PVC 300V #14	PVC 300V #14	PVC 300V #12	PVC 300V #12	PVC 300V #12
Circuit Breaker	Primary & Secondary Auto Reset	Primary & Secondary Auto Reset	Primary & Secondary Auto Reset	Primary & Secondary Auto Reset	Secondary Manual Push to Reset	Secondary Manual Push to Reset
Dimensions	5.6 x 2 x 2.14 in.	6.55 x 2.25 x 2.55 in.	6.55 x 2.25 x 2.55 in.	9.8 x 3 x 3 in.	9.8 x 3 x 3 in.	9.8 x 4.2 x 3.5 in.
Weight	2.91 lbs.	3.13 lbs.	3.1 lbs.	5.44 lbs.	5.44 lbs.	8.75 lbs.

LOW VOLTAGE LED STRIP LIGHT SERIES






POWER SOURCES / TRANSFORMERS / TECHNICAL SPECS

ELECTRONIC DIMMABLE TRANSFORMER

Lumilum® dimmable voltage LED driver are class 2 rated and designed to operate with any standard MLV/Incandescent TRIAC (leading edge) dimmer switch. Encased in a low profile aluminum enclosure that includes 2 knock-outs to enable easy installation makes it the perfect choice for under cabinet lights, tape lights, and various LED fixtures installations. Our electrical specification includes auto reset, over current and short circuit protection. Efficiency of 90% and higher allows the driver to operate at low temperatures. Auto-reset protection for short circuits & over-voltage.



TECHNICAL SPECIFICATIONS

Model:	LUM-PD2440WE Electronic Dimmable Transformer 24V-40W	LUM-PD2460WE Electronic Dimmable Transformer 24V-60W	LUM-PD2496WE Electronic Dimmable Transformer 24V-96W
			
Max Load	40W	60W	96W
Input Voltage	120V - 60Hz		
Input Current Full Load	0.41A	0.61A	1.0A
Output Voltage	24V DC		
Output Current at Max Load	1.75A	2.63A	4.0A
Efficiency	>90%		
Power Factor	0.95		
Operating Temperature	-4°F - 158°F		
Short Circuit Protection	Yes		
Overcurrent	Yes		
Over Temperature	Yes		
Open Circuit Protection	Yes		
Input Wires (White/Black)	18 AWG		
Output Wires (Red/Black)	14 AWG		
Dimensions	6.77 x 2.67 x 1.26in.	6.77 x 2.67 x 1.26in.	6.77 x 2.67 x 1.26in.
Weight	1.06 lbs.	1.06 lbs.	1.06 lbs.



Electronic Dimmable
Transformer
40W / 24V
Model: LUM-PD2440WE



Electronic Dimmable
Transformer
60W / 24V
Model: LUM-PD2460WE



Electronic Dimmable
Transformer
96W / 24V
Model: LUM-PD2496WE





RGB (COLOR CHANGING SETTING)
FLEXIBLE LED NEON STRIP
120V (HIGH VOLTAGE)



FLEXIBLE LED NEON LIGHT SERIES



SINGLE COLOR / RGB / 120V

DIMMABLE

Bright architectural and commercial grade, indoor / outdoor use rated, 131ft. spool, 120 Volts, 50,000 hour lifespan, variable lengths, cuttable every 18 inches, PVC encasement, white UV protective coating, extreme temperature resistant, connects directly into (AC) line voltage.

*Special Order Item

Color Options	CCT #	Model #
• Ultra Warm White	2,700°K	LUM-120NEO-2700K
• Warm White	3,000°K	LUM-120NEO-3000K
• Natural White	4,000°K	LUM-120NEO-4000K
• Cool White	5,500°K	LUM-120NEO-5500K
• RGB (Color changing option)		LUM-120NEO-RGB

MODEL:
LUM-120NEO-XXXXK



FLEXIBLE LED NEON LIGHT SERIES



SINGLE COLOR / RGB / 120V

PRODUCT FEATURES

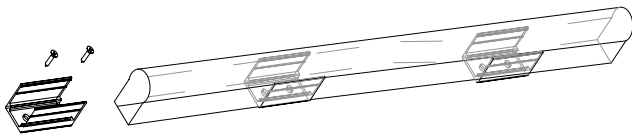
- 131ft spool (39.6 meters)
- 120 Volts, Plugs directly into any AC outlet
- Dimmable with conventional dimmers with >700W handling capacity
- 18 inch (1.5ft) increments (marked)
- 2.5Watts/ft
- Indoor / Outdoor use rated
- Flexible, high transmittance, PVC Encasement (Polished White Top / White Base)
- UV Protective Coating for extreme temperatures
- 33 LED diodes per ft / 4280 LED diodes per spool
- Beam angle 180°
- Ambient operating temperature: -10°F ~ 140°F
- Width: 1.05"
- Height: 0.60"

IDEAL USES

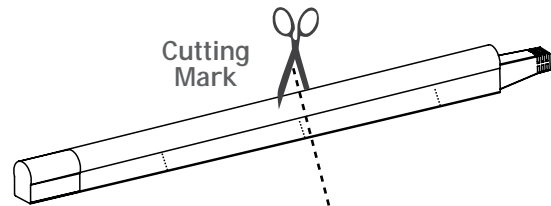
- Any place where a long distance of Flexible LED Neon Strip Light is required
- Cove and other Indirect lighting
- Accent and Decorative lighting
- Architectural Design & Lighting Walls
- Buildings, Stairs & Facades
- Landscape Lighting
- Decks, Gardens, Patios
- Kitchens and Bathrooms
- Restaurants, Hotels, Theaters,
- Game Rooms, Play Rooms,
- Barbecue area & Cafeterias
- Retail Spaces
- Casinos & Resorts
- Lounges, Bars etc.

INSTALLATION DIAGRAM

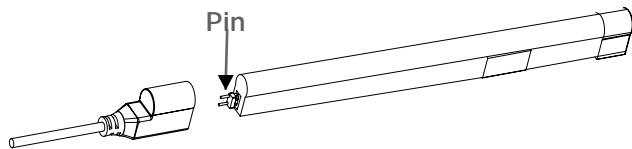
Do not connect the power until the installation is complete



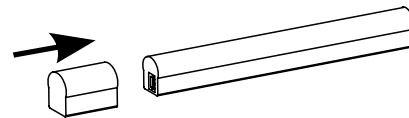
1. To be able to mount the strip you need to slide-in the mounting channel onto the base of the strip and fasten it with screws. The strip is flexible and can be shaped in different angles by using connectors.



2. Once the mounting channel is fastened, connect the sharp side of the H shaped pin onto the strip and then use the smooth side to connect the power cord to the strip. Fasten the connection with glue or silicone.



3. Cut the strip according to your requirement. The strip can be cut in increments of 18 inches.



4. Once the strip is cut into desired size, place the endcap on the cut end and fasten with glue or silicone (waterproof).



WARM & COOL WHITE
 FLEXIBLE LED NEON STRIP
 120V (HIGH VOLTAGE)

PACKAGING

SHIPPING DIMENSIONS & WEIGHT
 13" (L) x 13" (W) x 12.20" (H), 46.5 lbs.



PERFORMANCE

Color	Model	Color Temp.	CRI	Lumen/ Ft.	Viewing Angle	Voltage	Current/ Ft.	Power Consumption/ Ft.
Ultra Warm White	LUM-120NEO-2700K	2700°K	80	55	180°	120V	0.02A	2.5W
Warm White	LUM-120NEO-3000K	3,000°K	80	55	180°	120V	0.02A	2.5W
Natural White	LUM-120NEO-4000K	4,000°K	80	55	180°	120V	0.02A	2.5W
Cool White	LUM-120NEO-5500K	5,500°K	80	55	180°	120V	0.02A	2.5W
RGB	LUM-120NEORGB	-	-	-	180°	120V	0.02A	2.5W

FLEXIBLE LED NEON LIGHT SERIES

ACCESSORIES / RGB / 120V



DMX Decoder/Controller
Model: LUM-B34XTS-DMX



Handheld Remote
Model: LUM-B34XTS-HRT



Radio Frequency to DMX Module
Model: LUM-B34XTS-RF2



Wifi Module for Color Wheel Wall Panel DMX Controller
Model: LUM-RGBUX8-WF



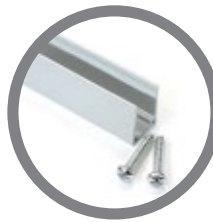
Remote Control
Model: LUM-RGBUX8-RC



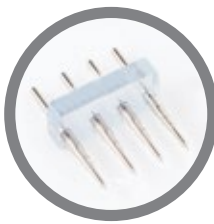
Color Wheel Wall Panel DMX Controller
Model: LUM-RGBUX8



End Cap
LUM-120NEREC



Mounting Channel
LUM-120NERU1-1 ft.
LUM-120NERU4-4 ft.



Pin
LUM-12PNERPC



L-Connector
LUM-12PNERAC



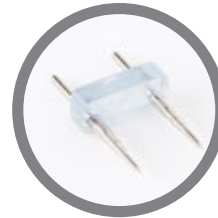
SINGLE COLOR / 120V



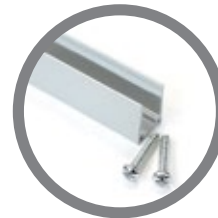
Power Cord
LUM-120NE2PP
(Set of 6)



End Cap
LUM-120NE2EC



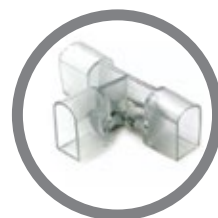
Pin
LUM-120NE2PC



Mounting Channel
LUM-120NE2U1-1 ft.
LUM-120NE2U4-4 ft.



L-Connector
LUM-120NE2AC



T-Connector
LUM-120NE2TC

RGB (PURPLE SETTING)
FLEXIBLE LED NEON STRIP
120V (HIGH VOLTAGE)





ULTRA-THIN LED LIGHT BAR SERIES



UNDER CABINET / 24V / 12" & 20"

DIMMABLE

Modular, Low-Profile, Stylish, 12" or 20" LED Light fixture ideal for under cabinet and display lighting for commercial or residential uses. Easy to install by simply attaching (using the included mounting brackets) the required number of 12 and/or 20 inch Flat-LED strips, interconnecting these with included connectors (linear or 90° angle) or optional connector cable. Once installed, connect to our power source adapter or dimmable transformer to power up to 10 linear feet.

Color / Size	Model #	UPC
• 3,000K (12")	LUM-212LSL-3000K	854160004794
• 4,000K (12")	LUM-212LSL-4000K	854160004800
• 5,500K (12")	LUM-212LSL-5500K	854160004787
• 3,000K (20")	LUM-220LSL-3000K	854160004756
• 4,000K (20")	LUM-220LSL-4000K	854160004763
• 5,500K (20")	LUM-220LSL-5500K	854160004770

Each retail package includes: Light fixture, mounting brackets, and a straight and angled connector.

MODEL:
LUM-212LSL-XXXXK
LUM-220LSL-XXXXK



Sizes Available:
12" & 20" Flat LED Strips

ULTRA-THIN LED LIGHT BAR SERIES



FEATURES, SPECIFICATIONS & PACKAGING / 24V / 12" & 20"

PRODUCT FEATURES

- Extruded aluminum body w/ frosted acrylic lens
- End caps are identical on both sides making fixtures seamlessly inter-connectable using the linear, 90° angle connector, or cable connector (optional)
- Rated Lifetime: 50,000 hours
- Linear homogenous light
- LED modular design, expandable to cover desired length
- Extremely low power consumption at 5 Watt (12") / 8 Watt (20"), with high lumen (brightness) output
- Brightness can be controlled with optional Dimmer (Sold Separately)
- Requires a power adapter or driver
- Wall mounted dimmer requires our Lumilum® Dimmable Electronic LED Transformer

SPECIFICATIONS

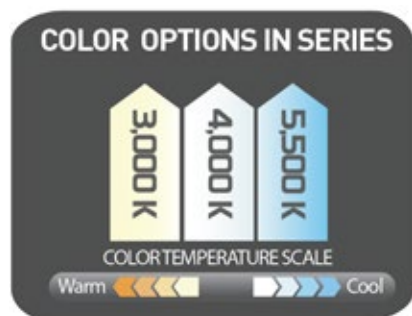
- Beam angle = 180°
- Light source: 42 SMD 3528 LED Chips
- Operating voltage = 24V
- Power consumption per bar = 5 Watt (12") / 8 Watt (20")
- Certifications: cUL listed
- 300 lumens (12") / 480 lumens (20")
- Lumen Output: 0.20A (12") - 0.33A (20") / CRI > 90
- Dimensions: 12": 11.81"(L) x 1.46"(W) x 0.27"(H)
20": 19.68"(L) x 1.46"(W) x 0.27"(H)
- Plastic connector dimension:
5/8"(L) x 1.3"(W) x 0.31"(H)
- Operating temperature = - 4°F to 104°F
- Installation: Stainless Steel mounting clips (2) per fixture and screws.
- Power supply (sold separately); alternatives: 60W power adapter can power up to 10 fixtures 60W
- Dimmable Electronic LED Transformer that can be used with low voltage wall mounted dimmers

PACKAGING

SHIPPING DIMENSIONS & WEIGHT

12" RETAIL BLISTER
3,000°K / 4,000°K / 5,500°K
4.5" (L) x .95" (W) x 17.75" (H), 0.5 lbs.

20" RETAIL BLISTER
3,000°K / 4,000°K / 5,500°K
4.72" (L) x .95" (W) x 26.50" (H), 0.8 lbs.



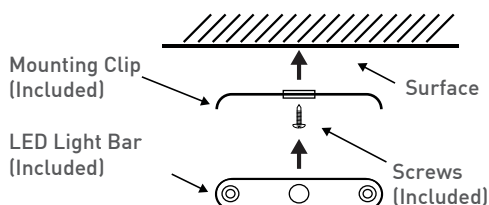
Each Retail Blister Includes:
Light fixture, mounting brackets, and a straight and angled connector



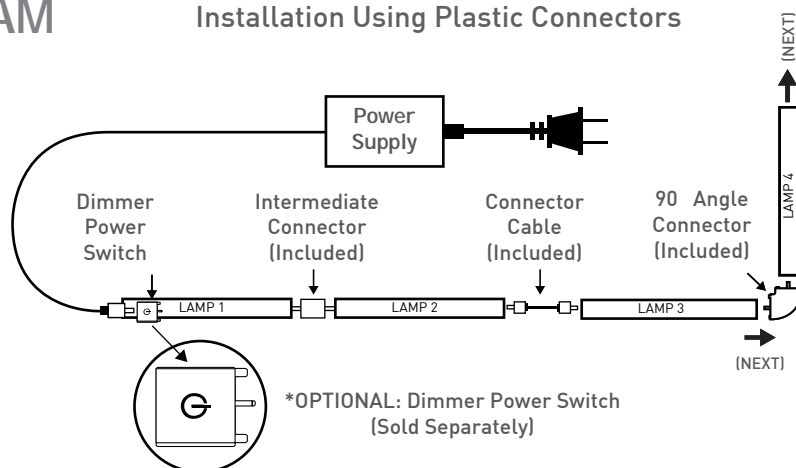
INSTALLATION DIAGRAM

Installation Using Plastic Connectors

Brackets Installation Diagram



Use the screws to attach the mounting clips to the surface where the LED Light Bar will be installed



Required:

Lumilum® Power Source Adapter 60W / 24V > Model: PA2460W3
(Connect up to 6 units of 20" light bars & 10 units of 12" light bars)

Lumilum® Dimmable Electronic LED Transformer 60W / 24V > Model: PD2460WD
(Connect up to 8 units of 20" light bars & 10 units of 12" light bars)

PERFORMANCE

Model	Beam Angle	Color Temperature	Lumen/ Ft.	CRI	Power Consumption	Voltage	Certifications	Rated Lifetime
LUM-212LSL-3000K LUM-212LSL-4000K LUM-212LSL-5500K	180	3,000°K 4,000°K 5,500°K	300	>90	5W / 12 in. Bar	24V	cUL	50,000 Hours
LUM-220LSL-3000K LUM-220LSL-4000K LUM-220LSL-5500K	180	3,000°K 4,000°K 5,500°K	480	>90	8W / 20 in. Bar	24V	cUL	50,000 Hours



ULTRA-THIN LED LIGHT BAR SERIES



ACCESSORIES / 24V / 12" & 20"

DIMMER OPTIONS

Dimmers are optional

On / Off switch is also available

Plug & Play - Easy Installation

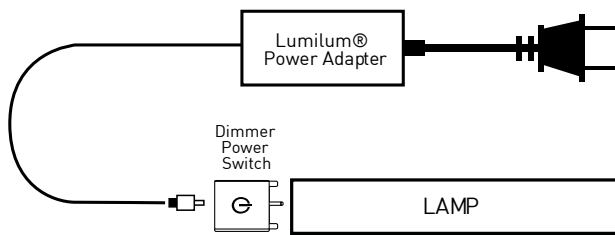
Power On / Off Dimmer

Press and hold Power Button to adjust brightness

Can be used with up to 10 linear feet of Linear Flat LED light bars

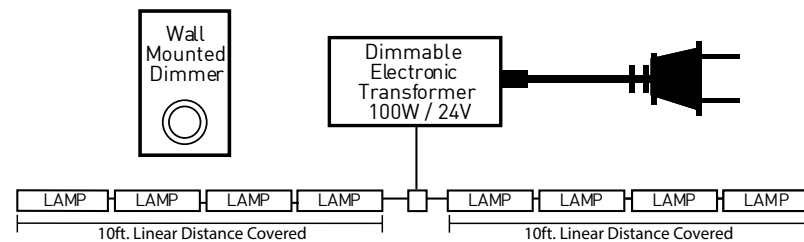
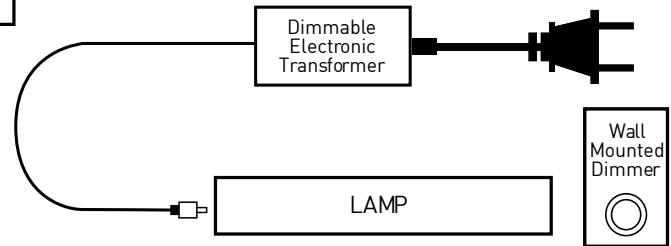


DIMMER INSTALLATION METHODS



A) Using Dimmer Power Switch and Power Adapter

B) Using Wall Mounted Dimmer and Dimmable Electronic Transformer



C) Diagram for Installations >10ft.

Model	LUM-PA2460W3 Plug-in LED Power Adapter 24V-60W Desktop Type (Indoor Use)	LUM-PD2460WD Dimmable Electronic LED Transformer 24V - 60W
Input/Output	Input: AC 100- 240V 50-60Hz Output: 24V DC, 2.5A	Input Voltage: AC 120V 60Hz Output: 24V DC, 2.5A
Power Output	60 Watts	60 Watts
Dimensions	5.51 x 2.36 x 1.34 in.	6.77 x 2.67 x 1.26 in.
Ratings	cUL, CE, RoHs	cUL, CE, RoHs

ULTRA-THIN LED LIGHT BAR SERIES



DIMMING METHODS / ACCESSORIES / 12" & 20"

Power Source Adapter LUM-PA2460W3



[Sold Separately]

Dimmer Power Switch LUM-2DSLSL



Works with Lumilum®
Power Source Adapter
[Sold Separately]

Dimmable LED Voltage Driver LUM-PD2460WD



Works with a Wall Mounted Dimmer
[See List of Approved Dimmer
Switches on Website]

ALTERNATIVE DIMMING METHODS

- A) Use Dimmer Power Switch (Model: LUM-2DSLSL) and connect it to the light fixture. Plug-in and the in LED Power Adapter. (See image above for connection details)
- B) Use a wall mounted dimmer in combination with a Dimmable Electronic LED Transformer (Model PD2460WD).

ACCESSORIES

90° Angle Connector



(1) Included in Retail
Blister

Vertical 90° Angle Connector LUM-2VALSL



Sold Separately

Linear Connector



(1) Included in Retail
Blister

Mounting Brackets with Screws



(2) Included in Retail
Blister

Connector Cable



(1) Included in Retail
Blister





ULTRA-FLAT LED PANEL LIGHT SERIES



1x4 ft. / 2x2 ft. / 2x4 ft.

DIMMABLE

Lumilum® Ultra-flat LED panel series has an outstanding and even luminous efficacy and is typically used in lieu of fluorescent tube fixtures. With an aesthetically pleasing appearance and a very long life span, these LED panels are an excellent choice in today's energy and design conscious environment.

These panels are suitable for office, hospital, educational facilities, and other professional settings and are designed to be used as: lay into drop ceiling, mounted onto hard surface ceilings using mounting frames or suspended by cables.

Size	Color Temp.	Model #
• 1x4 ft.	3,000K	LUM-P1-40W-CDS-3000K
• 1x4 ft.	4,000K	LUM-P1-40W-CDS-4000K
• 1x4 ft.	5,000K	LUM-P1-40W-CDS-5000K
• 2x2 ft.	3,000K	LUM-P4-40W-CDS-3000K
• 2x2 ft.	4,000K	LUM-P4-40W-CDS-4000K
• 2x2 ft.	5,000K	LUM-P4-40W-CDS-5000K
• 2x4 ft.	3,000K	LUM-P7-50W-CDS-3000K
• 2x4 ft.	4,000K	LUM-P7-50W-CDS-4000K
• 2x4 ft.	5,000K	LUM-P7-50W-CDS-5000K

MODEL:
LUM-P1-40WCDS
LUM-P4-40WCDS
LUM-P7-50WCDS



Frame Color: Matte White



ULTRA-FLAT LED PANEL LIGHT SERIES



FEATURES & SPECIFICATIONS / 1x4 ft. / 2x2 ft. / 2x4 ft.

PRODUCT FEATURES

- Color Temperature (CCT): 3,000°K / 4,000°K / 5,000°K
- Lumen Output: 130 Lumens per watt
 - 5,200 lumens (1x4 ft.)
 - 5,200 lumens (2x2 ft.)
 - 6,500 lumens (2x4 ft.)
- CRI >80
- Life Expectancy: 50,000 hours
- Power Consumption:
 - 40W (1x4 ft.)
 - 40W (2x2 ft.)
 - 50W (2x4 ft.)
- Dimmable
- Emergency battery backup option available
- Frame (less than 0.5" thick), and back panel made from aluminum
- Edge-lit by high output LED chips

SPECIFICATIONS & IDEAL USES

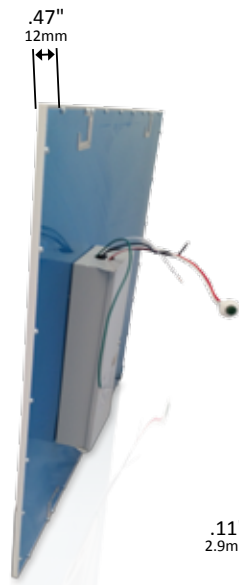
- Lens made from translucent polycarbonate
- Low maintenance & easy installation
- Certifications: UL, DLC
- Warranty: 3 years
- Offices
- Gyms
- Schools
- Hospitals
- Retail Spaces
- Hotels
- Undercover Parking Garages
- Kitchens
- Hallways
- Elevators
- Airports
- Train Stations

PANEL DIMENSIONS

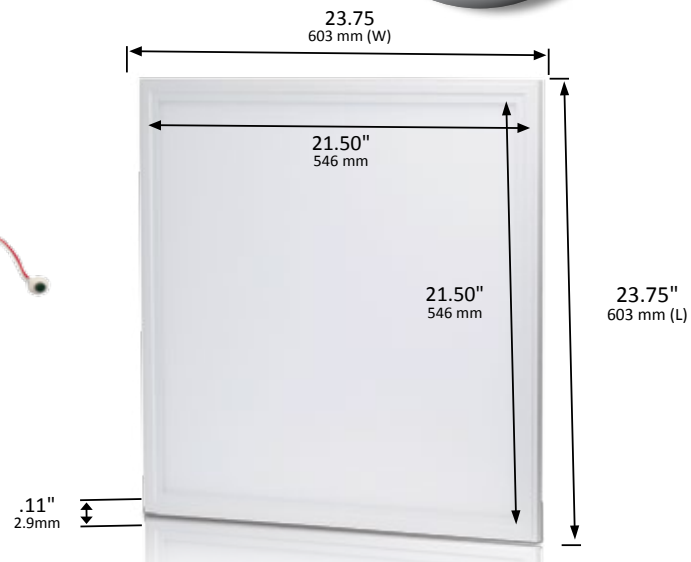
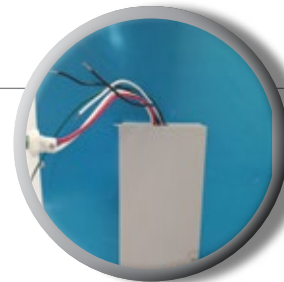
1x4 Length:
47.5" / 1206.5 mm
1x4 Width:
11.87" / 301.5 mm
Weight: 12.15 lbs.

2x2 Length:
23.75" / 603 mm
2x2 Width:
23.75" / 603 mm
(See image for details)
Weight: 8.5 lbs.

2x4 Length:
47.5" / 1206.5 mm
2x4 Width:
23.75" / 603 mm
Weight: 15.8 lbs



Driver
Junction Box





PERFORMANCE

Size / Model:		1x4 feet / LUM-P1-40WCDS	2x2 feet / LUM-P4-40WCDS	2x4 feet / LUM-P7-50WCDS
General Parameters	Power Consumption	40W	40W	50W
	Color Temp. (CCT)	3,000 K - 5,000 K		
	Lumen Output	5,200 lm	5,200 lm	6,500 lm
	Lifespan	50,000 Hours		
	CRI	>80		
	Beam Angle	120°		
	IP Rating	IP20		
	Certificates	UL, DLC		
	Warranty	3 Years		
Physical Description	Housing	Aluminum Frame		
	Lens	Translucent Frosted Polycarbonate		
	Color	White Frame		
	Mounting	Ceiling Drop-in, Mounted, Hung		
Electrical	Input Voltage	AC 100-277V		
	Power Factor	.9936	.9936	.9946
Certification & Safety	Safety Norms	UL Listed, UL1598, UL8750, CSA C22.2 N° 250-0.08 Luminaries		
	Operating Temperature	-4°F - +122°F (-20°C - +50°C)		
	Storage Temperature Humidity	+32°F - +122°F (0°C - +50°C)		



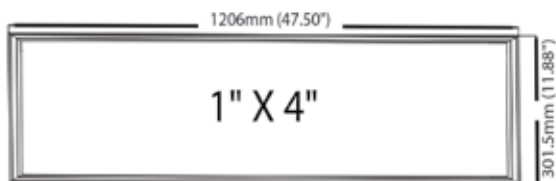
ULTRA-FLAT LED PANEL LIGHT SERIES



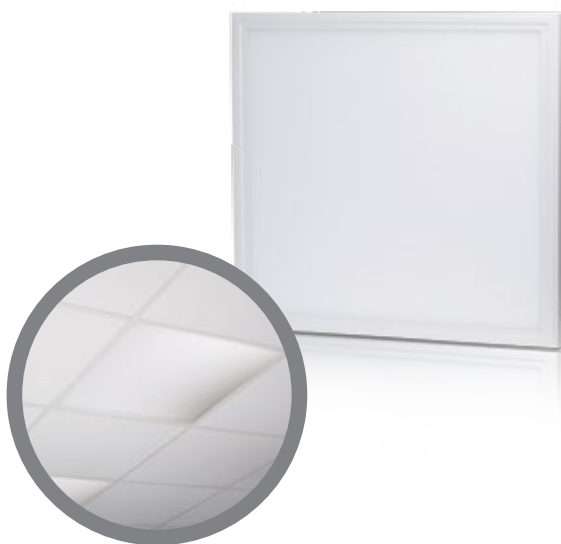
PACKAGING DIMENSIONS / 1x4 ft / 2x2 ft. / 2x4 ft.

PACKAGING

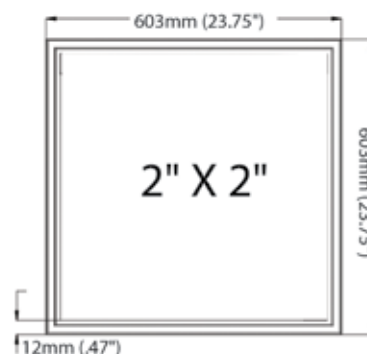
SHIPPING DIMENSIONS & WEIGHT



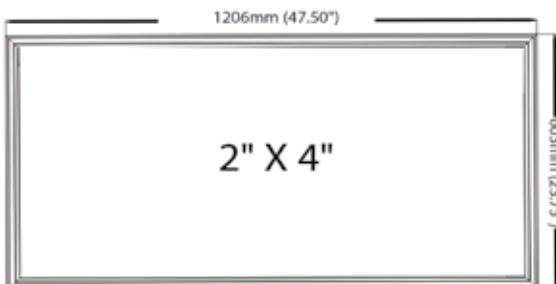
1x4 FT. PANEL
LUM-P1-40W-CDS-3000K
LUM-P1-40W-CDS-4000K
LUM-P1-40W-CDS-5000K
52" (L) x 14" (W) x 5" (H), 30 lbs.



2x2 FT. PANEL
LUM-P4-40W-CDS-3000K
LUM-P4-40W-CDS-4000K
LUM-P4-40W-CDS-5000K
28" (L) x 28" (W) x 5" (H), 22.1 lbs.



2x4 FT. PANEL
LUM-P7-50W-CDS-3000K
LUM-P7-50W-CDS-4000K
LUM-P7-50W-CDS-5000K
52" (L) x 28" (W) x 5" (H), 37.6 lbs.



ULTRA-FLAT LED PANEL LIGHT SERIES

SPECIFICATIONS / COLOR OPTIONS



Mounting Grooves for Sliding LED Panel Light



Surface Mount Frame with LED Panel Light Installed



Surface Mount Frame corners inter-connect with screws



Hanging Hooks with Screws (Included)

3,000K - 1X4ft / 2x2ft / 2x4ft.
Model# LUM-P1-40W-CDS-3000K
LUM-P4-40W-CDS-3000K
LUM-P7-50W-CDS-3000K



4,000K - 1X4ft / 2x2ft / 2x4ft.
Model# LUM-P1-40W-CDS-4000K
LUM-P4-40W-CDS-4000K
LUM-P7-50W-CDS-4000K



5,000K - 1X4ft / 2x2ft / 2x4ft.
Model# LUM-P1-40W-CDS-5000K
LUM-P4-40W-CDS-5000K
LUM-P7-50W-CDS-5000K





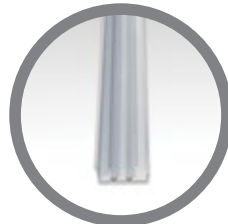
ACCESSORIES / MOUNTING METHODS



Surface Mount Frame
1x4 ft. / Set of 4
LUM-1X4ALP1



Surface Mount Frame
2x2 ft. / Set of 4
LUM-2X2ALP2

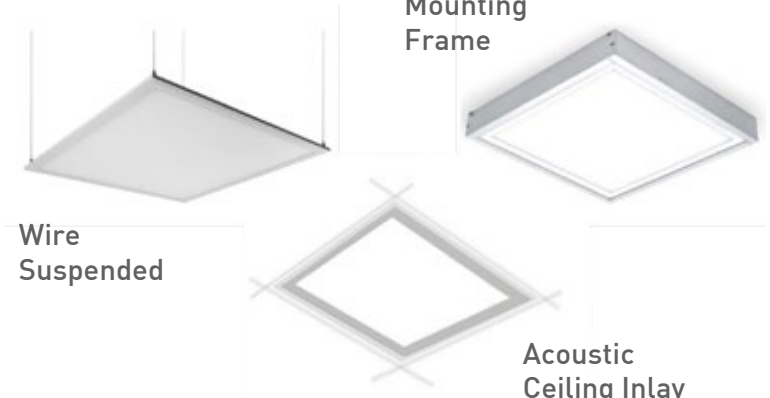


Surface Mount Frame
2x4 ft. / Set of 4
LUM-2X4ALP4



Wire Suspended Kit
LUM-WSKP124

MOUNTING METHODS





T8 LED TUBE SERIES



2 FT. / 4 FT. / 8 FT.

Lumilum® LED T8 Tubes use the latest technology for fluorescent tube replacement, achieving unmatched energy savings of over 50% without compromising brightness and color rendering. These tubes have a unique design to maximize the aluminum heat sink and have a shatterproof polycarbonate lens (clear or frosted). Available in several standard lengths and power output presentations.

Installation is easy, these bulbs use the same terminal connections as the existing fluorescent tubes and have a universal power supply driver that eliminates the need for a ballast. To replace your old fluorescents with new energy saving LED tubes you simply bypass the ballast and remove the starter.

Size / Watt	Color Temp.	Model #
-------------	-------------	---------

BALLAST COMPATIBLE T8 / FROSTED

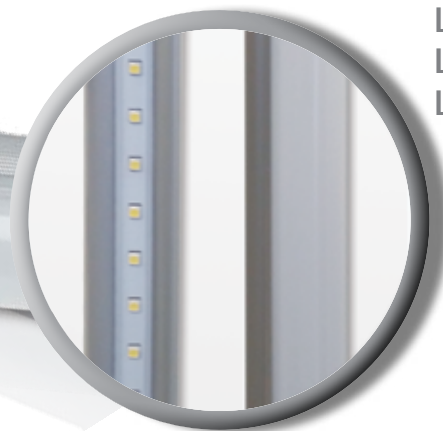
- | | | |
|------------------------|--------|---------------------|
| • 4 ft. / 18W | 4,000K | LUM-T818W1200-4000K |
| • 4 ft. / 18W | 5,000K | LUM-T818W1200-5000K |
| • 2 ft. / 15W | 4,000K | LUM-T831W2400-4000K |
| • 2 ft. / 15W | 5,000K | LUM-T831W2400-5000K |
| • 2 ft. / 15W (U-BEND) | 4,000K | LUM-T815W600-4000K |
| • 2 ft. / 15W (U-BEND) | 5,000K | LUM-T815W600-5000K |

LINE VOLTAGE / CLEAR

- | | | |
|---------------|--------|---------------------|
| • 4 ft. / 18W | 4,000K | LUM-T818W1200-4000K |
| • 4 ft. / 18W | 5,500K | LUM-T818W1200-6000K |
| • 8 ft. / 40W | 5,500K | LUM-T840W2400-6000K |

MODEL:

LUM-T815W6000
LUM-T815W6000U
LUM-T818W1200
LUM-T840W2400



T8 LED TUBE SERIES



FEATURES, USES, PERFORMANCE & PACKAGING

PRODUCT FEATURES

- Life time L70: 50,000hrs
- Universal voltage range 100~277VAC
- Color Rendering Index: >80 CRI
- All color temperatures turn on instantaneously
- Internal driver, no external ballast or starter needed
- Polycarbonate lens available in clear and frosted
- Easy installation, instructions included
- Government incentives and rebates are available in some areas
- Mercury, lead, and UV free
- UL Listed and DLC compliant
- Beam Angle: 180° (aluminum backing) & 360° (all glass)

IDEAL USES

- Offices
- Retail Stores
- Universities & Colleges
- Schools
- Hospitals & Laboratories
- Sports Centers
- Industrial
- Undercover Areas
- Multi-Story Parking Garage
- Commercial Centers
- Warehouses
- Clinics

PERFORMANCE

BALLAST COMPATIBLE OPTION T8 TUBES							
Model	Color Temp.	Length	Lumen Output	CRI	Watt	Lens	Certifications
LUM-T8-18W1200	4,000°K	4 ft.	2,150 lm	82.4	18W	Frosted	UL, cUL, ETL & DLC
LUM-T8-18W1200	5,000°K	4 ft.	2,212 lm	82.4	18W	Frosted	UL, cUL, ETL & DLC
LUM-T8-15W600	4,000°K	2 ft.	1,900 lm	81.1	15W	Frosted	UL, cUL, ETL & DLC
LUM-T8-15W600	5,000°K	2 ft.	2,032 lm	81.1	15W	Frosted	UL, cUL, ETL & DLC
LUM-T8-15W600U (U-BEND)	4,000°K	2 ft.	1,850 lm	81.6	15W	Frosted	UL, cUL, ETL & DLC
LUM-T8-15W600U (U-BEND)	5,000°K	2 ft.	1,929 lm	81.6	15W	Frosted	UL, cUL, ETL & DLC

LINE VOLTAGE (BALLAST BYPASS)							
Model	Color Temp.	Length	Lumen Output	CRI	Watt	Lens	Certifications
LUM-T8-40W2400-BINT	6,000°K	8 ft.	4,450 lm	>80	40W	Clear	UL LISTED

PACKAGING

SHIPPING DIMENSIONS & WEIGHT

8 ft. Tube: 96"(L) x 8.5"(W) x 7.25" (H), 29.1 lbs.

4 ft. Tube: 49"(L) x 8.75"(W) x 9"(H), 23.5 lbs.

2 ft. Tube: 25.5"(L) x 8.5"(W) x 9"(H), 10 lbs.

2 ft. U-Bend Tube: 23.5" (L) x 7.75"(W) x 15"(H), 9.1 lbs.

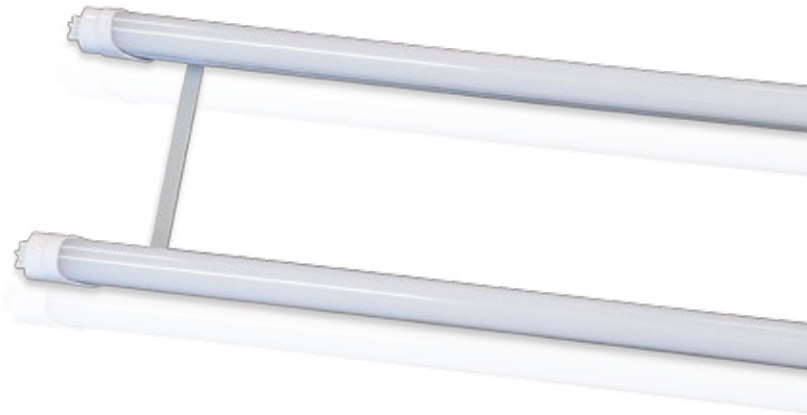


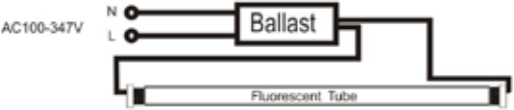
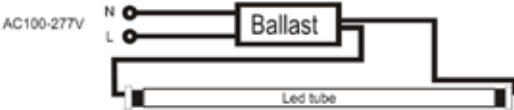

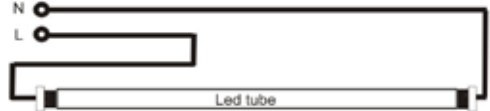
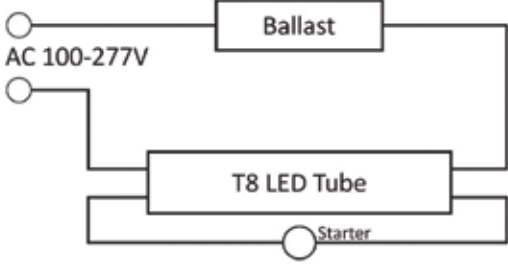
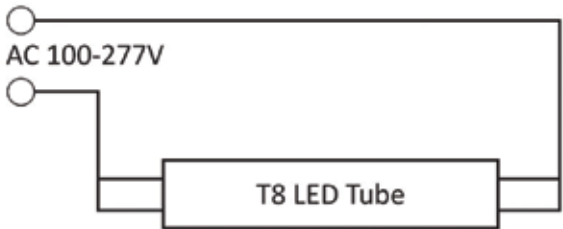


T8 LED TUBE SERIES



INSTALLATION DIAGRAM



PLUG & PLAY PROCEDURE:	RETROFIT PROCEDURE:
<ol style="list-style-type: none"> 1. Turn off the power to the light fixture at the breaker panel before installation. 2. Open the diffuser from the light fixture. 3. Remove the fluorescent tubes. Please dispose of these items properly as they contain mercury.  <ol style="list-style-type: none"> 4. Put led tube into the lighting fixture.  <ol style="list-style-type: none"> 5. Install the LED tubes, close the diffuser. 6. Turn on the Power. 	<ol style="list-style-type: none"> 1. Turn off the power to the light fixture at the breaker panel before installation. 2. Open the diffuser from the light fixture. 3. Remove the fluorescent tubes. Please dispose of these items properly as they contain mercury. 4. Cut the wires shown as the diagram below.  <ol style="list-style-type: none"> 5. Make the new wire connect to branch circuit shown as the diagram below. 6. Replace the cover over the wiring channel.. 7. Install the LED tubes, close the diffuser.  <ol style="list-style-type: none"> 8. Turn on the Power.
<p>AFTER:</p>	<p>BEFORE:</p>
 <p>Light fitting circuit before modification</p>	 <p>Light fitting circuit after modification</p>



SMALL LED LIGHT BULB SERIES



GU10 / MR16 / COB TECHNOLOGY

DIMMABLE

Lumilum® Small LED Bulb Series are fully dimmable and use LED COB technology. These bulbs are highly energy efficient, generating with only 7 watts, close to 600 lumens of super-bright, clear light with a CRI (Color Rendering Index) of > 80; an absolutely superb light performance that you will not find in any other LED Bulb. Direct replacement for 50W halogen bulbs. These energy-efficient, twist-and-lock bulbs are often used for indoor and outdoor accent, task, or display lighting applications.

Color Options	CCT	Model #	UPC
• Ultra Warm White	2,700°K	LUGU10W1	854160004558
• Warm White	3,000°K	LUGU10WW	854160004275
• Natural White	4,000°K	LUGU10NW	854160004268
• Cool White	5,500°K	LUGU10CW	854160004251
• Ultra Warm White	2,700°K	LUMR16W1	854160004565
• Warm White	3,000°K	LUMR16WW	854160004220
• Natural White	4,000°K	LUMR16NW	854160004237
• Cool White	5,500°K	LUMR16CW	854160004244
• Red, Blue or Green	-	LUMR16CL	



MODEL:
LUM-LUGU10-XX
LUM-LUMR16-XX



SMALL LED LIGHT BULB SERIES



FEATURES, SPECIFICATIONS & PACKAGING / GU10 / MR16

PRODUCT FEATURES

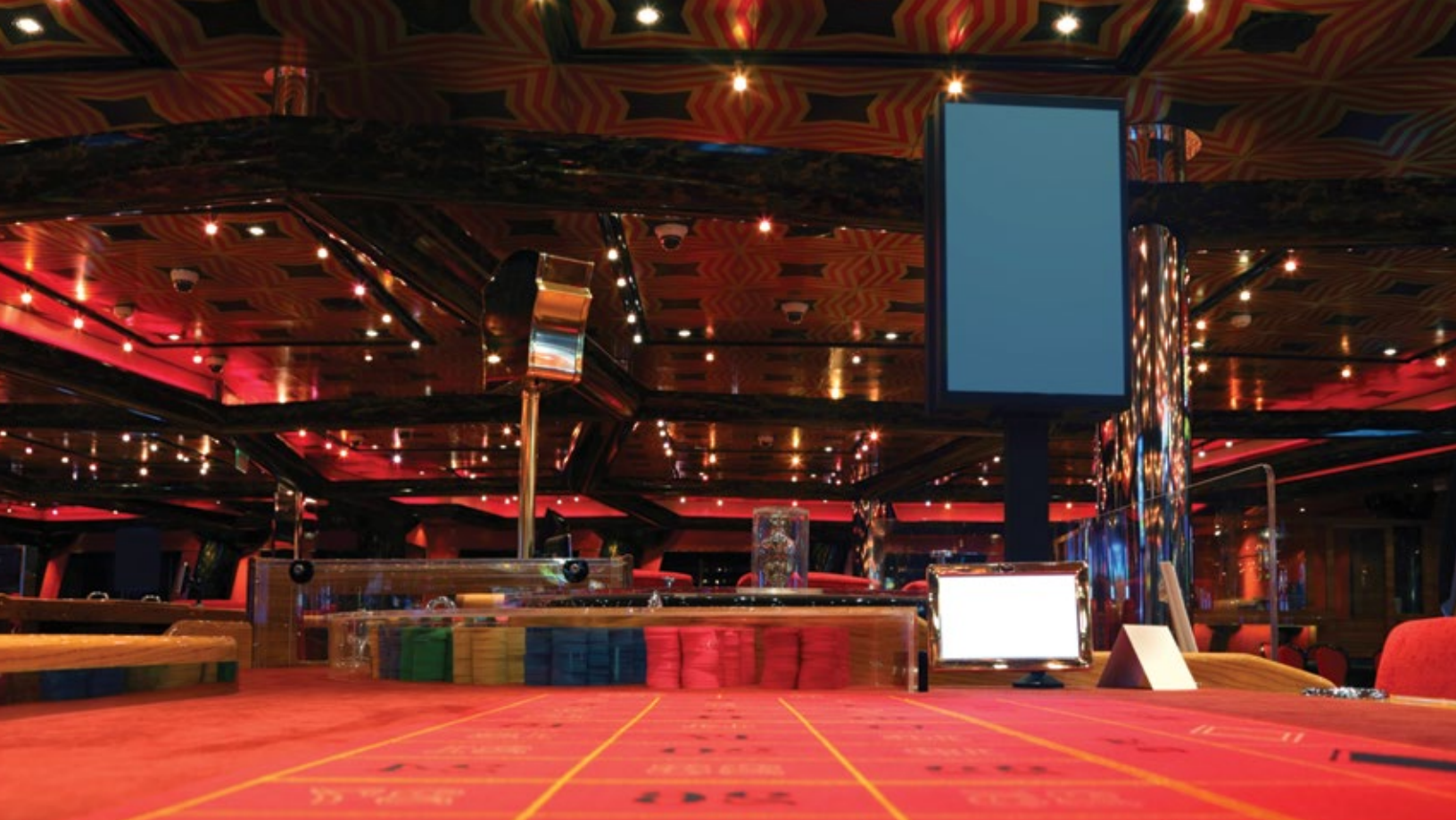
- Polished aluminum with a clear polycarbonate lens
- Beam angle: 40 degrees
- Available CCT (Color Temperatures) are:
2,700°K (Ultra Warm White); 3,000°K (Warm White);
4,000°K (Neutral White) and 5,500°K (Cool White)
- Replacement for 50W Halogen
- Dimmable with most dimmer models
- Long lifetime
- MR16 works best with existing 12V magnetic
- Low heat output, energy use & eco-friendly
- High color rendering index
- Energy used: 7W
- Estimated yearly cost: \$0.86 (Based on 3 hrs/day
\$0.11/KWH); Cost depends on rates and use
- Compatible with most fixtures including 4" and 3" trims
- Do not use in fixtures that are completely closed

IDEAL USES

- Accent
- Decorative
- Residential
- Elevators
- Hospitality
- Casinos
- Indoor & Outdoor
- Restaurants
- Spot Lights
- Track Lights
- Retail Stores
- Commercial Centers
- Schools, Colleges & Universities
- Show & Display Cases
- Museums
- Any fixture that currently uses a
50W Halogen bulb

PERFORMANCE

GU10 & MR16 SMALL LED BULBS									
Model	Color	CCT	Lumen Output	CRI	Watt	Bulb Type	Beam Angle	Voltage	Certifications
LUM-LUG10W1	Ultra Warm White	2,700°K	550 lm	>80	7W	GU10	40°	12V	cETLus
LUM-LUGU10WW	Warm White	3,000°K	560 lm	>80	7W	GU10	40°	12V	cETLus
LUM-LUGU10NW	Neutral White	4,000°K	575 lm	>80	7W	GU10	40°	12V	cETLus
LUM-LUGU10CW	Cool White	5,500°K	590 lm	>80	7W	GU10	40°	12V	cETLus
LUM-LUMR16W1	Ultra Warm White	2,700°K	550 lm	>80	7W	MR16	40°	12V	cETLus
LUM-LUMR16WW	Warm White	3,000°K	560 lm	>80	7W	MR16	40°	12V	cETLus
LUM-LUMR16NW	Neutral White	4,000°K	575 lm	>80	7W	MR16	40°	12V	cETLus
LUM-LUMR16CW	Cool White	5,500°K	590 lm	>80	7W	MR16	40°	12V	cETLus
LUM-LUMR16CL	Red, Green, Blue	-	-	>80	7W	MR16	40°	12V	cETLus



PACKAGING

SHIPPING DIMENSIONS & WEIGHT

GU10 - 2"(L) x 2"(W) x 2.78 "(H), 0.25 lbs.

MR16 - 2"(L) x 2"(W) x 2.78"(H), 0.22 lbs.



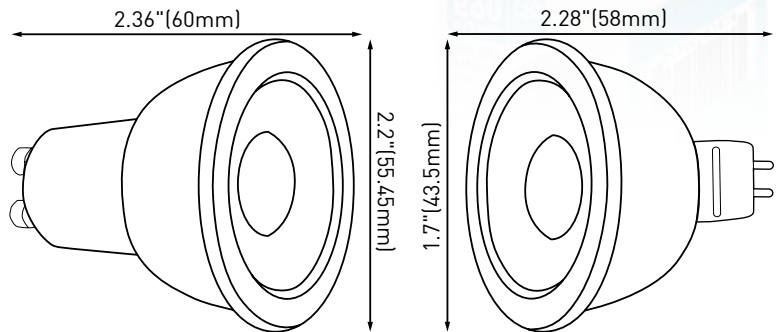
COLORS & BULB DIMENSIONS

GU10 & MR16 SMALL LED BULBS AVAILABLE IN:

2,700 K	3,000 K	4,000 K	5,500 K
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COLOR TEMPERATURE SCALE

Warm Cool





SMALL LED FLOOD LIGHT SERIES



SINGLE COLOR / RGB

Lumilum® Small LED Flood Light Series offers an excellent cost/value proposition in today's energy and lighting-design conscious environment. The products in this series are an efficient replacement option for fixtures that use metal halide and halogen bulbs, at a cost that pays for itself over a relatively short period of time.

Made out of die cast aluminum, powder painted in standard black with lens made with clear-heat and impact resistant- tempered glass. The series is cUL rated* for wet locations (fixture & driver) and is offered with a yoke mounting bracket (10-50W Models come with a 1/2" connector ready bracket).

Wattage Color Temperature Options

- 10W Warm White (3,000°K) / Cool White (5,500°K) / RGB
- 20W Warm White (3,000°K) / Cool White (5,500°K) / RGB
- 30W Warm White (3,000°K) / Cool White (5,500°K) / RGB
- 50W Warm White (3,000°K) / Cool White (5,500°K) / RGB

MODEL:

LUM-1FLD01-XXX
LUM-2FLD01-XXX
LUM-3FLD01-XXX
LUM-5FLD01-XXX



SMALL LED FLOOD LIGHT SERIES



FEATURES, PACKAGING & COLOR OPTIONS

PRODUCT FEATURES

- 50,000 hours of maintenance-free operation
- Uses up to 90% less energy when compared to the HID equivalent
- Color Temperature (CCT) 3,000 & 5,500K (other options available)
- CRI: >80
- Yoke-mounted head with 270° rotation capacity
- Bracket included 1/2" connector ready hole (10-50W models)
- Universal voltage (120V through 277V)
- Suitable for ground mounting, up-lighting & down lighting
- Insect-proof
- Ideal for wet locations
- cUL Listed
- RoHS compliant
- 3-Year limited warranty

IDEAL USES

- Landscaping
- Exteriors
- Building facades
- Loading docks
- Signs and displays
- Walkways

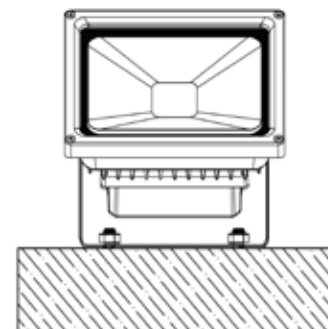
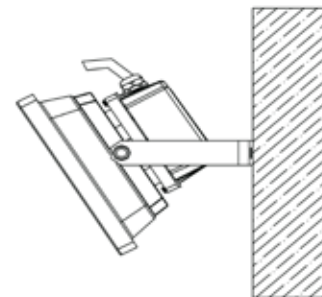
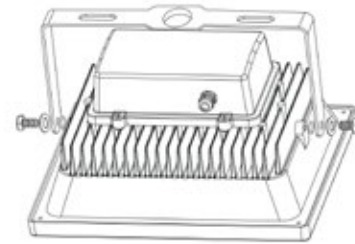
PACKAGING & COLOR OPTIONS

10W: 5"(L) x 3.875"(W) x 4.5"(H), 1.3 lbs.

20W: 9"(L) x 6"(W) x 7.375"(H), 2.9 lbs.

30W: 10.375"(L) x 7"(W) x 10"(H), 4.9 lbs.

50W: 12.75"(L) x 7.875"(W) x 11.375"(H), 7.7 lbs.





Lumilum Lichttechnik 
LED FLOOD LIGHT SERIES 121



SMALL LED FLOOD LIGHT SERIES



FEATURES, PACKAGING & COLOR OPTIONS

PERFORMANCE

Model:		LUM-1FLD01	LUM-2FLD01	LUM-3FLD01	LUM-5FLD01
General Parameters	Power Consumption	10W	20W	30W	50W
	Lumen Output	>980 LM	2200 LM	>3500 LM	>5400 LM
	Lifespan	50,000 Hours			
	Color Temp. (CCT)	(3,000°K / 5,500°K / RGB)			
	CRI	>80			
	Beam Angle	120°			
	IP Rating	IP65 (Suitable for wet locations)			
	Warranty	3 Years			
Physical Description	Housing	Aluminum			
	Lens	Tempered Clear Glass			
	Finish	Textured Architectural Powdercoat Paint			
	Color	Black			
	Mounting	Yoke-mounted with 270° capacity			
Electrical	Input Voltage	120-277VAC			
	Input Current	.15A	.3A	.41A	.75A
	Power Factor	PF ≥0.95			
Certification and Safety	Certification	cUL			
	Grounding Resistance	25A 100mΩ			
	Electromagnetic Compatibility	EN55015, EN61000-2-3, EN61000-3-3, EN61547			
	Operating Temperature	-4°F - +104°F (-20°C - +40°C)	-4°F - +95°F (-20°C - +35°C)	-4°F - +95°F (-20°C - +35°C)	-4°F - +95°F (-20°C - +35°C)
	Storage Temp. Humidity	-40°F - +176°F (-40°C - +80°C), 10-90% RH			
Others	Dimension	Please refer to attached dimension drawing			
	Net Weight	1.3 lbs. (.59KG)	2.9 lbs. (1.31KG)	4.9 lbs. (2.22KG)	7.7 lbs. (3.49KG)
	Packing Size	5x3.875x4.5 in. (127x98x114mm)	9x6 x7.375 in. (229x152x187mm)	10.375x7x10 in. (263x178x254mm)	12.75x7.875x11.375 in. (324x200x289mm)
	Qty./Carton	12	8	4	2



LARGE LED FLOOD LIGHT SERIES



120V / SINGLE COLOR

Lumilum® Large LED Flood Light Series offers an excellent cost/value proposition in today's energy and lighting-design conscious environment. The products in this series are an efficient replacement option for fixtures that use metal-halide and high-pressure sodium bulbs, at a cost that pays for itself over a relatively short period of time.

The entire series is UL rated for wet locations (fixture & driver) and is offered in two models with alternative mounting options: Slip-fitter or Mounting bracket. Made out of diecast aluminum, powder-coat painted in standard dark bronze or black with lens made out of clear-heat and impact resistant-tempered glass.



Wattage	Color	Model #	Type
• 100W	5,000K	LUM-FLF100XYKZZ	Mounting Bracket
• 100W	5,000K	LUM-FLF100XSfZZ	Slip-fitter
• 200W	6,000K	LUM-2FPK01-02MB	Mounting Bracket
• 200W	6,000K	LUM-2FPK01-02SF	Slip-fitter
• 220W	5,000K	LUM-FLF220XYKZZ	Mounting Bracket
• 220W	5,000K	LUM-FLF220XSfZZ	Slip-fitter

LARGE LED FLOOD LIGHT SERIES



FEATURES, IDEAL USES & PACKAGING

PRODUCT FEATURES

- 200W LED Flood light Replaces +400W Metal Halide
- 50,000 hours of maintenance-free operation
- Uses up to 90% less energy when compared to the HID equivalent
- Color Temperature (CCT) 6,000K
- CRI: >80
- Universal voltage (120V through 277V)
- Suitable for ground mounting, up-lighting & down-lighting
- Ideal for wet locations
- UL Listed for wet locations
- RoHS compliant
- 3- Year limited warranty

IDEAL USES

- Landscaping
- Exteriors
- Building Facades
- Loading Docks
- Signs and Displays
- Walkways

PACKAGING

SHIPPING DIMENSIONS & WEIGHT

200W - MOUNTING BRACKET: 25.50"(L) x 18"(W) x 6.25"(H), 29.7lbs.

200W - SLIP-FITTER: 28.25"(L) x 18"(W) x 6.25"(H), 29.4lbs.





Lumilum Lichttechnik 
LED FLOOD LIGHT SERIES 127



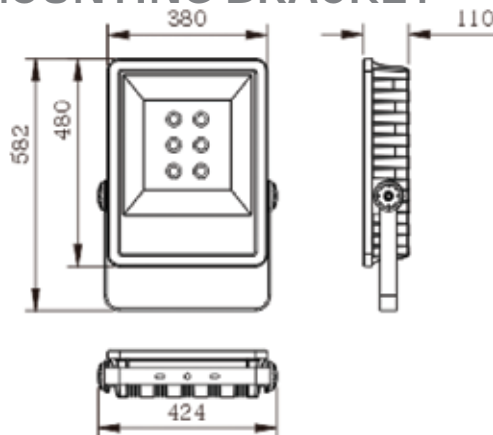
LARGE LED FLOOD LIGHT SERIES



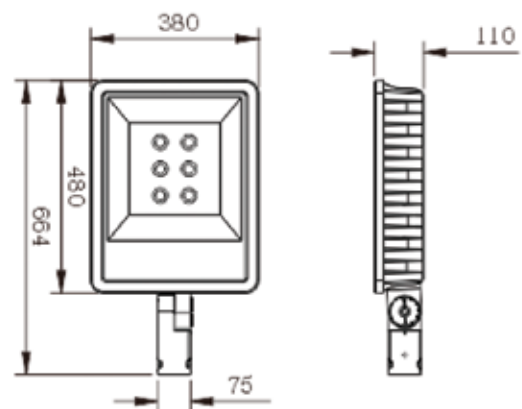
PERFORMANCE & SPECIFICATIONS / 120V / SINGLE COLOR

Model:		LUM-2FPK01-02MB	LUM-2FPK01-02SF
General Parameters	Power Consumption	200W	200W
	Lumen Output	18,500 LM	18,500 LM
	Lifespan	50,000 Hours	
	Color Temp. (CCT)	6,500 K (CW)	
	CRI	>80	
	Beam Angle	120°	
	IP Rating	IP65	
	Driver	Meanwell	
	Warranty	3 Years	
Physical Description	Housing	Diecast Aluminum	
	Lens	Tempered Clear Glass	
	Finish	Powder-Coated Paint	
	Color	Black	
	Mounting	Slip-fitter & Mounting Bracket	
Electrical	Input Voltage	100-277VAC	
	Input Current	2.18A Max.	2.18A Max.
	Power Factor	PF ≥0.9	
Certification and Safety	Certification	UL Rated	
	Safety Norms	EN60598, EN61347-2-13, EN62031, EN62471, UL1598, UL8750	
	Withstand Voltage	I/P-FG: 2121VDC	
	Grounding Resistance	25A 100mΩ	
	Electromagnetic Compatibility	EN55015, EN61000-2-3, EN61000-3-3, EN61547	
	Operating Temperature	-4°F - +104°F (-20°C - +40°C)	
	Storage Temperature Humidity	-40°F - +176°F (-40°C - +80°C), 10-90% RH	

MOUNTING BRACKET



SLIP-FITTER



LARGE LED FLOOD LIGHT SERIES



FEATURES, IDEAL USES & PACKAGING

PRODUCT FEATURES

- 100W replaces +275W Metal Halide
- 220W replaces +400W Metal Halide
- 50,000 hours of maintenance-free operation
- Uses up to 90% less energy when compared to the HID equivalent
- Color Temperature (CCT) 5,000K
- CRI: >80
- Universal voltage (120V through 277V)
- Suitable for ground mounting, up-lighting & down-lighting
- Ideal for wet locations
- UL Listed for wet locations
- RoHS compliant

IDEAL USES

- Landscaping
- Exteriors
- Building Facades
- Loading Docks
- Signs and Displays
- Walkways

PACKAGING

SHIPPING DIMENSIONS & WEIGHT

100W - MOUNTING BRACKET: 14.17"(L) x 13.58"(W) x 4.53"(H), 11.9lbs.

100W - SLIP-FITTER: 23.43"(L) x 14.17"(W) x 4.92"(H), 16.1lbs.

220W - MOUNTING BRACKET: 20.87"(L) x 14.17"(W) x 4.72"(H), 21.2lbs.

220W - SLIP-FITTER: 30.51"(L) x 14.17"(W) x 4.92"(H), 23.6lbs.





Lumilum Lichttechnik 
LED FLOOD LIGHT SERIES 131



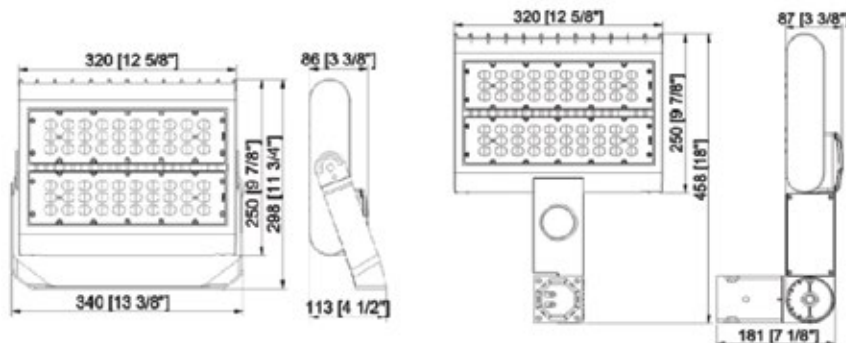
LARGE LED FLOOD LIGHT SERIES



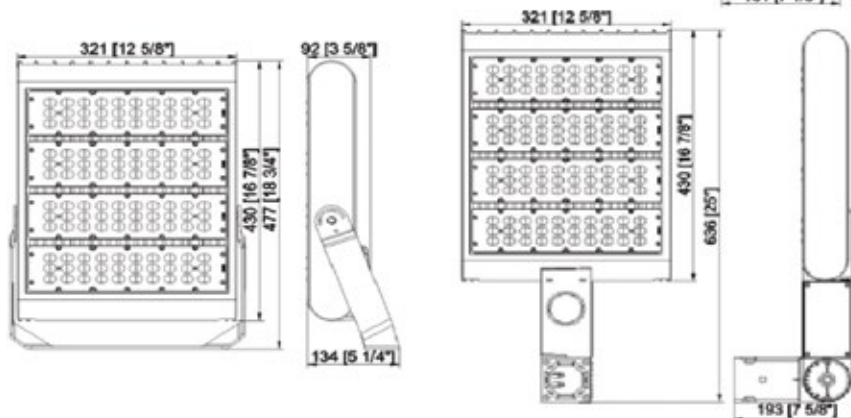
PERFORMANCE & SPECIFICATIONS / 120V / SINGLE COLOR

Model:		LUM-FLF100XYKZZ	LUM-FLF100XSfZZ	LUM-FLF220XYKZZ	LUM-FLF220XSfZZ
General Parameters	Power Consumption	100W	100W	220W	220W
	Lumen Output	10,000 LM	10,000 LM	22,000 LM	22,000 LM
	Lifespan	50,000 Hours			
	Color Temp. (CCT)	5,000 K (CW)			
	CRI	>80			
	Beam Angle	120°			
	IP Rating	IP65			
	Driver	Meanwell			
	Warranty	3 Years			
Physical Description	Housing	Diecast Aluminum			
	Lens	Tempered Clear Glass			
	Finish	Powder-Coated Paint			
	Color	Bronze			
	Mounting	Mounting Bracket	Slip-fitter	Mounting Bracket	Slip-fitter
Electrical	Input Voltage	100-277VAC			
	Input Current	2.18A Max.			
	Power Factor	PF ≥0.9			

100W MODELS
MOUNTING BRACKET
& SLIP-FITTER



220W MODELS
MOUNTING BRACKET
& SLIP-FITTER





WALLPACK SERIES



120V / SINGLE COLOR

Lumilum® LED Wall Packs are highly efficient with 150 Lumens/Watt performance, durable and easy to install. All models are UL Certified. Perfectly suited for outdoor lighting such as: building exteriors, walkways, parking areas, landscape and all areas where more light and the benefit of security are required.

Model	Color Temp.	Model #
• Cool White	5,500K	LUM-5WMG01-01
• Cool White	5,500K	LUM-8WMG01-01

MODEL:
LUM-5WMG01-01
LUM-8WMG01-01



WALLPACK SERIES



FEATURES, SPECIFICATIONS & PACKAGING

PRODUCT FEATURES

- This LED flood light uses the latest solid state lighting technology for long life, low maintenance and high efficiency.
- An internal power factor corrected switch mode supply allows it to be used from any nominal 100-277V, 60Hz AC supply without any variation in light output.
- Suitable for use in the following locations:
 - Ambient Temperatures: -4°F to 104°F (-20°C to 40°C)
 - Damp Location Rated

IDEAL USES

- Outdoor Areas
- Building Exteriors / Facades
- Parking Areas
- Walkways
- Garages
- Outdoor Spaces
- Warehouses
- Commercial Buildings

PACKAGING

SHIPPING DIMENSIONS & WEIGHT

50 Watt - 16.5"(L) x 14"(W) x 10" (H), 11.5 Lbs.

80 Watt - 16.5"(L) x 14"(W) x 10" (H), 13 Lbs.





TECHNICAL SPECIFICATIONS

LED Wall Pack Model #	LUM-5WWMG01-01	LUM-8WWMG01-01
Input Voltage	100 - 277 V	100 - 277V
Input Wattage	50W	80W
LED Chip	Lumileds	Lumileds
Power Factor (PF)	≥0.90	≥0.90
Lumens (Lm)	7,500	12,000
Efficiency (Lm/W)	150	150
Color Rendering Index (CRI)	>80	>80
Color Temperature (CCT)	5000K	5000K
Beam Angle (°)	120°	120°
Certification	UL / cUL (E364257)	UL / cUL (E364257)





INSTALLATION DIAGRAM

1. Please refer to the Fig.1 to select the suitable mounting holes.

A - For the mounting surface with a J-box

B - For the mounting surface without a J-box.

2. See Fig. 2, Open the door, fix the backplate of the fixture on the mounting surface by the screws.

3. Make sure to wire correctly.

4. Close the door and secure it by the screws remaining on the hinges of the door.

5. When installing the models LUM-5WVG01-01 and LUM-8WVG01-01, Please install the shield as well. Clip the shield on both sides of the door. Secure it at the top by where the screws are held.

Fig.1 Mounting Holes Option

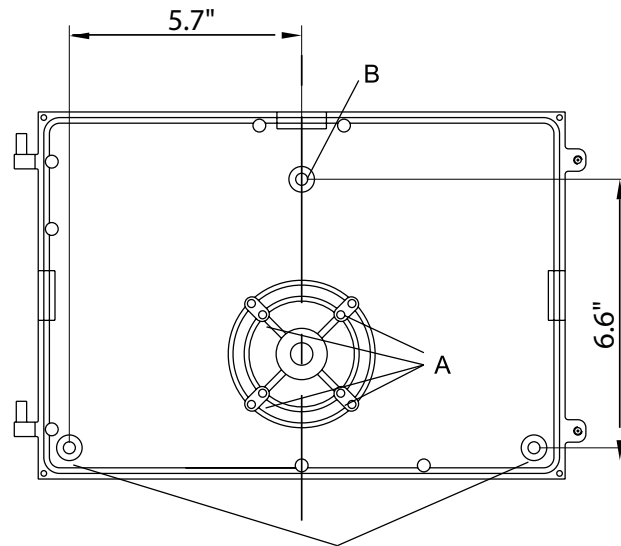
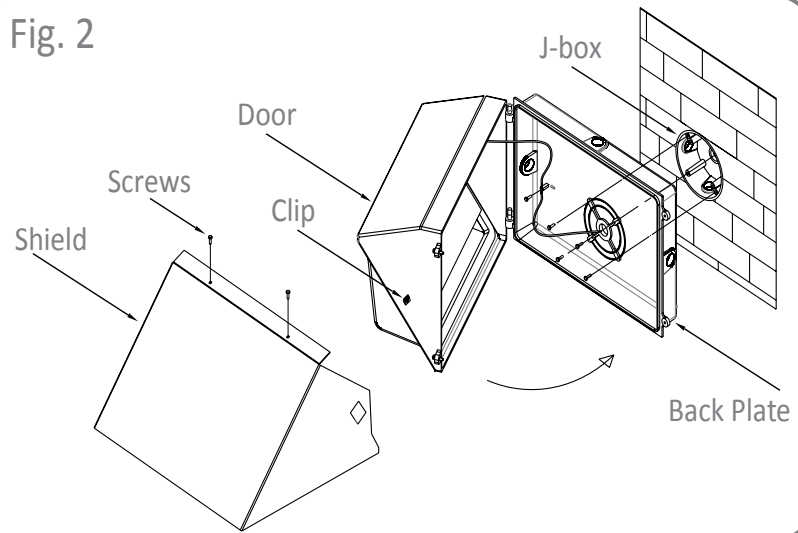


Fig. 2





AREA LED LIGHT SERIES



120V / SINGLE COLOR

Lumilum LED Area Light Series offers an excellent cost/value proposition in today's energy and lighting-design conscious environment. The products in this series are an efficient replacement option for fixtures that use metal-halide and high-pressure sodium bulbs, at a cost that pays for itself over a relatively short period of time.

Made out of die-cast aluminum, powder painted in standard dark bronze (other color options) with lens made out of clear-heat and impact resistant- tempered glass. The entire series is UL rated for wet locations (fixture & driver) and is offered with a mounting arm (included), and an optional dusk-to-dawn photocell. The 50W lamp option is available to provide maximum flexibility in application.

Color Option	Color Temp.	Model #
• Cool White 120V	6,500K	LUM-1FLD01-02-CW



MODEL:
LUM-1FLD01-02-CW



AREA LED LIGHT SERIES



FEATURES, USES & DIMENSIONS

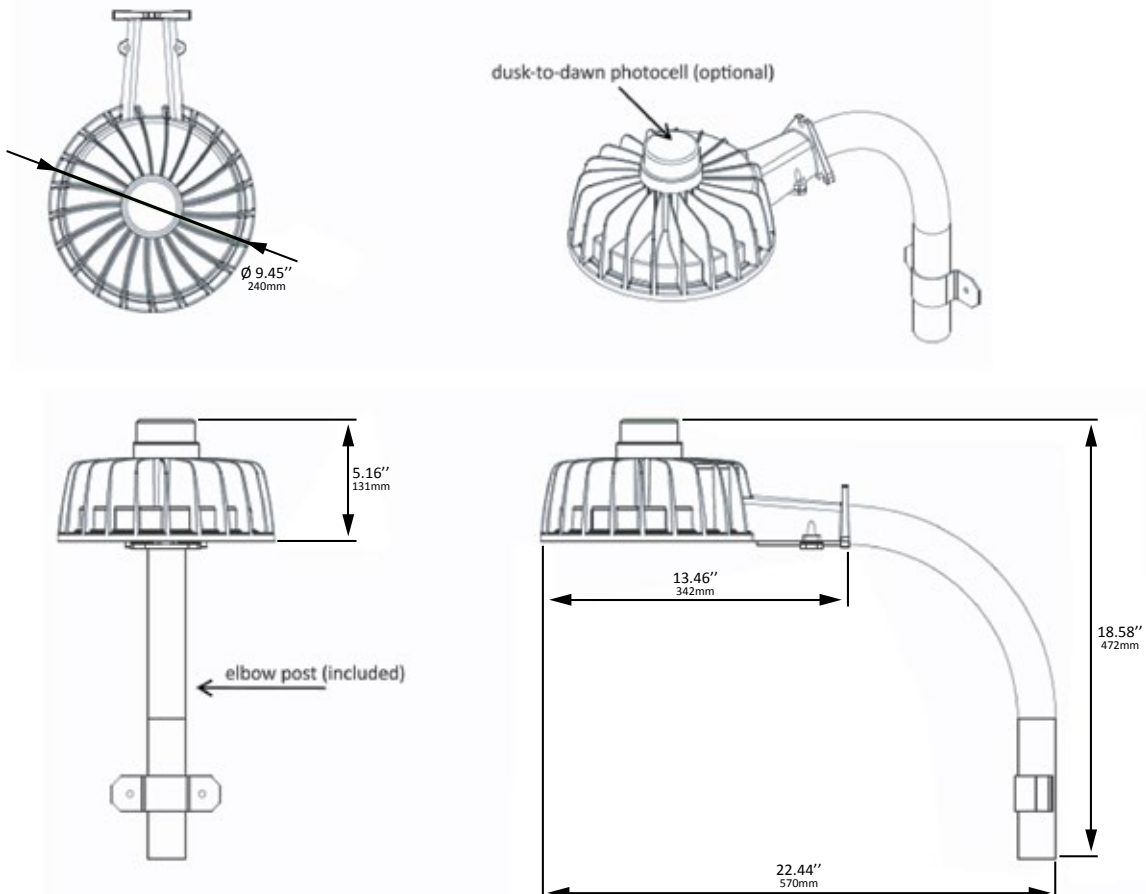
PRODUCT FEATURES

- Replaces metal halide
- 50,000 hours of maintenance-free operation
- Uses up to 90% less energy when compared to the HID equivalent
- Color Temperature (CCT) 6,000K (other options available)
- CRI: >80
- Excellent uniformity and target efficacy that evenly illuminates walkways, roadways and parking applications
- Universal voltage (120V through 277V)
- UL Listed for wet locations
- RoHS compliant
- 3-year limited warranty

IDEAL USES

- Parking Areas
- Walkways
- Parks
- Building Facades
- Loading Docks

DIMENSIONS





Lumilum Lichttechnik 
AREA LED LIGHT SERIES 143



AREA LED LIGHT SERIES



PERFORMANCE

	Model:	LUM-5WPK01
General Parameters	Power Consumption	50W
	Lumen Output	4,200 LM
	Lifespan	50,000 Hours
	Color Temperature (CCT)	6,000 K (CW)
	CRI	>80
	Beam Angle	120°
	IP Rating	IP65 (Suitable for wet locations)
	LED Manufacturer	Bridgelux
	LED Type	COB
	Warranty	3 Years
Physical Description	Housing	Aluminum
	Lens	Clear Tempered Glass
	Finish	Textured Architectural Powdercoat Paint
	Color	Standard: Dark Bronze; Special Order: Black, White, Gray
	Mounting	Elbow Post
	Photocell	(Optional) Dusk-to-Dawn UL Listed
Electrical	Input Voltage	100-277VAC
	Input Current	.5A @100V / .2A @277V
	Power Factor	PF ≥0.95
Certification and Safety	UL Certification	File Number E364257
	Safety Norms	UL1598, UL8750, EN60598, EN61347-2-13, EN62031, EN62471
	Withstand Voltage	I/P-FG: 2121VDC
	Grounding Resistance	25A 100mΩ
	Electromagnetic Compatibility	EN55015, EN61000-2-3, EN61000-3-3, EN61547
	Operating Temperature	-4°F - +104°F (-20°C - +40°C)
	Storage Temperature Humidity	-40°F - +176°F (-40°C - +80°C), 10-90% RH



At Lumilum[®]
we make
LED lighting
simple.

BUYING

How to Order

You can purchase Lumilum[®] products from our approved distributors which can be found at www.lumilum.com under "Authorized Retailers".

Shipping Lead Times

Orders received before 3pm during normal business hours, on stock items, are generally shipped same day. The default shipping method is Ground or Freight, expedited shipping is available upon request and charged accordingly.

Invoice and Tracking Information

Invoice including tracking information is emailed, upon shipping, to the contact provided when account is set up. For internet orders to the email provided.

Sales Terms and Conditions

All sales of Lumilum[®] products are subject to and expressly conditioned upon your acceptance of Lumilum's sales terms and conditions,

Specification Sheets

Available upon request

Returns and Exchanges

Please contact your Sales Rep prior to sending any returns/exchanges back to us. Returns are always handled by the store that sold the product. All returns/exchanges must include any accessories, documentation, etc., that was originally shipped with the product and must be in the original packaging. Returns/exchanges may take up to 2 weeks to process, not including shipping times. You are responsible for return shipping charges.

Unused Products in Resellable Condition Only:

- Within 30 days - Free
- 61-90 Days - 20% Restocking Fee
- After 91 Days - No Returns

Returns are only accepted within the timeframe described above. To be eligible for a return, your item must be unused and in the same condition that you received it. It must also be in the original packaging.

Please note that the following products cannot be returned: cut to order items (such as segments of 120V LED Strip Light), discontinued items, special order items, products modified from original condition, open units, units that require reboxing, units in an unsuitable resale condition. Closeout, remanufactured, or refurbished products. All product returns must be processed with a Return Materials Authorization Number (RMA #). **NO returns of any type will be accepted without an RMA #.** You will be responsible for shipping costs. If the product is received by us in unused and undamaged condition and in its original packaging, we will refund your purchase. If you purchased the product in a store, please do not send your purchase back to Lumilum. The return will be handled by the store. Clearly, mark each address label of each package being returned with the RMA #. **DO NOT WRITE ON THE MANUFACTURER'S BOX.** For damaged shipments be sure to inspect your product once you receive it. Any damage from shipping must be reported to your sales rep within 14 days of receipt of the product. If you receive your product and it has been damaged during shipment, please notify us right away. Please include a description of the damages, and include pictures if possible. This information is extremely helpful to us in making sure that our products are packaged and shipped properly. We will arrange for the damaged products to be replaced.



LED STRIP LIGHT SERIES: LINE VOLTAGE
120V: SINGLE COLOR / RGB / B34XTS
SERIES



LED STRIP LIGHT SERIES: LOW VOLTAGE
24V: SINGLE COLOR / RGB / IP54 / LIGHT
WAVE / IP20 / IP67 & POWER SOURCES



FLEXIBLE LED NEON SERIES



LINEAR FLAT LED LIGHT SERIES



ULTRA-FLAT LED PANEL LIGHT
SERIES



T8 LED TUBE SERIES



SMALL LED LIGHT BULB SERIES /
GU10 / MR16



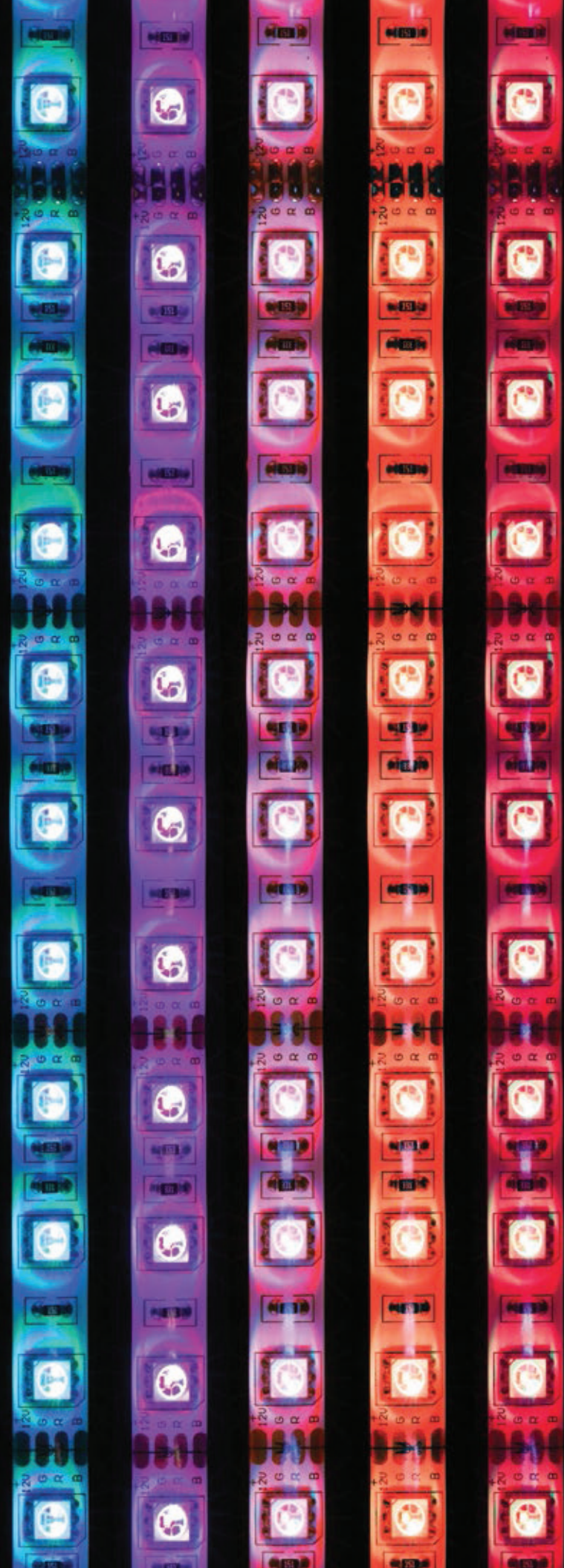
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