

Power Supplies

Specifications Guide

ACV-ACVN Series



Allanson

LED Power Supplies

Product Description

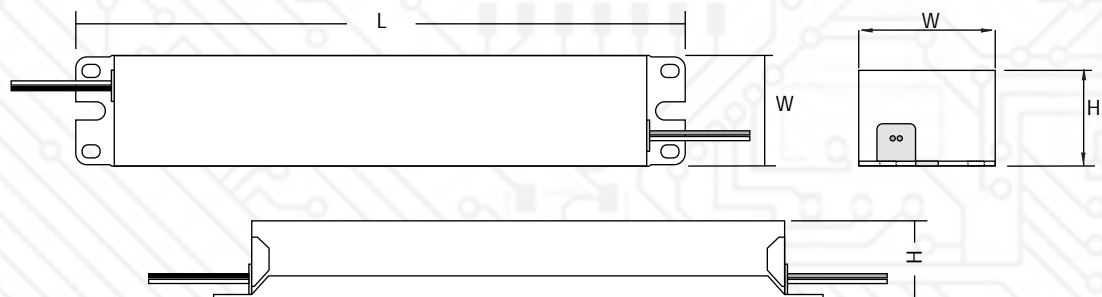
Allanson's ACVN and ACV series of fixed output voltage LED power supply comes with affordable and reliable features. Compatible with signage from any manufacturer. 12V major output voltage with 1,2, or 3 multi-channel selection for different lumen application. ACVN and ACV series meets North American safety certifications, and compliant with FCC Immunity/Emissions/Harmonic requirements. The products are designed and rigorously tested to work in various outdoor and indoor signage LED lighting conditions.

Product Features

- Constant voltage design
- Universal input voltage from 120-277 Vac
- Multi-channel output and independent operating
- Class 2 output
- Dry & damp location
- Operating temperature range -40°C to +55°C

Specifications Chart

Catalogue Number	Input Voltage	Input Current Amps	Output Volts DC	Output Current	Output Watts	Housing (inches)			Power Factor	Rating
						L	W	H		
ACVN125-120-277V	120-277	1.20A-0.70A	12	5.0	60	5.50	1.70	1.18	NPF	Dry & Damp
ACV125-120-277V	120-277	0.59A-0.26A	12	5.0	60	6.50	1.70	1.18	HPF	Dry & Damp
ACV2125-120-277V	120-277	1.15A-0.50A	12	2 x 5.0	120	11.75	1.70	1.18	HPF	Dry & Damp
ACV3125-120-277V	120-277	1.70A-0.75A	12	3 x 5.0	180	16.70	1.70	1.18	HPF	Dry & Damp



Wire Size Recommendation

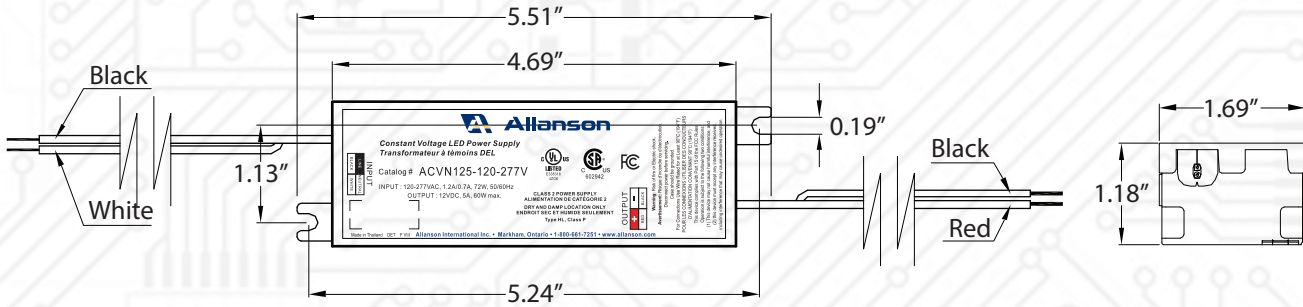
Recommended wire size from LED Module to Power Supply

Distance to Power Supply	Stranded Copper Wire Gauge	Expected Voltage Drop
13 Feet	16 AWG	5%
20 Feet	14 AWG	5%
30 Feet	12 AWG	5%

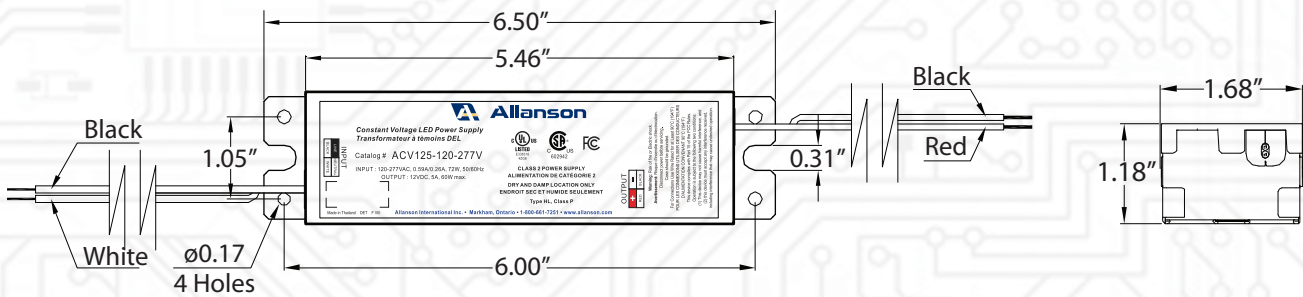
Product Dimensions

All dimensions are in inches. Drawings are not to scale.

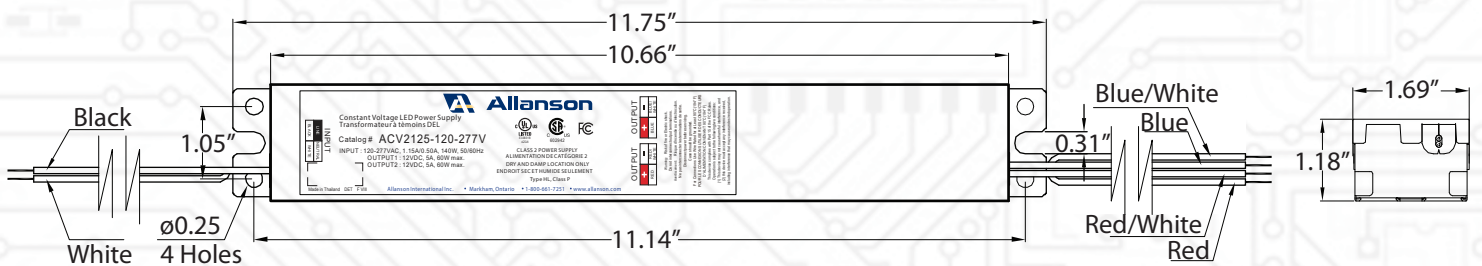
ACVN125-120-277V



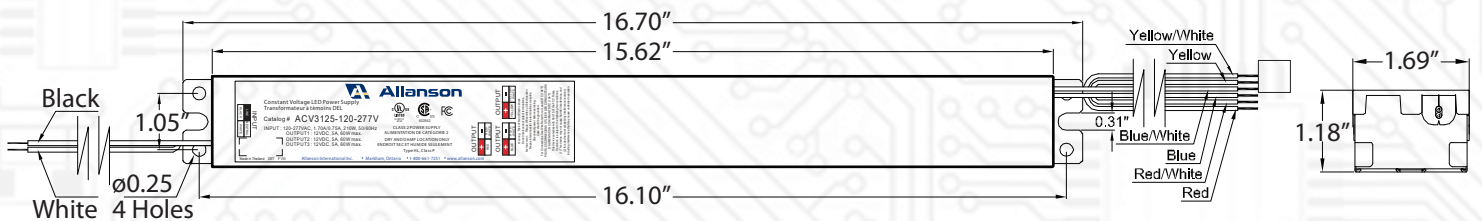
ACV125-120-277V



ACV2125-120-277V



ACV3125-120-277V




Installation Instructions

Scan the QR Codes to access electronic .pdf files

ACV125-120-277V

EN



INSTALLATION INSTRUCTIONS FOR CLASS 2, 12 VOLTS ELECTRONIC LED POWER SUPPLY INDOOR AND OUTDOOR DRY AND DAMP

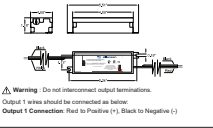
WARNING

To avoid electrical shock or fire. Disconnect power at service panel prior to installation, troubleshooting or maintenance. Always follow NEC and local electrical codes. Properly ground power supply and fixture. Do not connect output of power supplies in series or parallel to double up voltage or current.

Thank you for purchasing Allanson's LED Power Supply. Should you have questions or concerns please do not hesitate to contact us. Please read all installation instructions before installing this system.

SPECIFICATIONS

Part #	ACV125-120-277V
Input Voltage	120-277V
Input Frequency	50/60Hz
Input Current @ Rated Load	1.25A @ 120V
Input Current @ Rated Load	0.75A @ 277V
Power Factor	HPF>95%
Output Voltage	12Vdc +/- 3%
Output Current 1	5A
Size (LxWxH)	8.51x1.68x1.18"
Max Ambient Operating Temperature	-40°C to 55°C
Certification	UL, CSA




Warning: Do not interconnect output terminations. Output 1 wires should be connected as below.
Output 1 Connection: Red to Positive (+), Black to Negative (-)

Illustration 1

12V

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ACV125-120-277V

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INSTALLATION INSTRUCTIONS FOR CLASS 2, 12 VOLTS ELECTRONIC LED POWER SUPPLY INDOOR AND OUTDOOR DRY AND DAMP

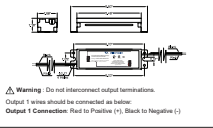
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Input Frequency	50/60Hz
Input Current @ Rated Load	1.25A @ 120V
Input Current @ Rated Load	0.75A @ 277V
Power Factor	HPF>95%
Output Voltage	12Vdc +/- 3%
Output Current 1	5A
Size (LxWxH)	8.51x1.68x1.18"
Max Ambient Operating Temperature	-40°C to 55°C
Certification	UL, CSA




Warning: Do not interconnect output terminations. Output 1 wires should be connected as below.
Output 1 Connection: Red to Positive (+), Black to Negative (-)

Illustration 1

12V

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ACV125-120-277V

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INSTALLATION INSTRUCTIONS FOR CLASS 2, 12 VOLTS ELECTRONIC LED POWER SUPPLY INDOOR AND OUTDOOR DRY AND DAMP

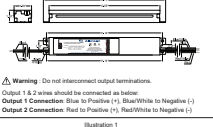
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Thank you for purchasing Allanson's LED Power Supply. Should you have questions or concerns please do not hesitate to contact us. Please read all installation instructions before installing this system.

SPECIFICATIONS

Part #	ACV125-120-277V
Input Voltage	120-277V
Input Frequency	50/60Hz
Input Current @ Rated Load	1.25A @ 120V
Input Current @ Rated Load	0.75A @ 277V
Power Factor	HPF>95%
Output Voltage	12Vdc +/- 3%
Output Current 1	5A
Output Current 2	5A
Size (LxWxH)	11.75x1.68x1.18"
Max Ambient Operating Temperature	-40°C to 55°C
Certification	UL, CSA




Warning: Do not interconnect output terminations. Output 1 & 2 wires should be connected as below.
Output 1 Connection: Blue to Positive (+), Blue/White to Negative (-)
Output 2 Connection: Red to Positive (+), Red/White to Negative (-)

Illustration 1

12V

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ACV3125-120-277V

EN



INSTALLATION INSTRUCTIONS FOR CLASS 2, 12 VOLTS ELECTRONIC LED POWER SUPPLY INDOOR AND OUTDOOR DRY AND DAMP

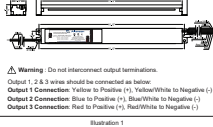
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Thank you for purchasing Allanson's LED Power Supply. Should you have questions or concerns please do not hesitate to contact us. Please read all installation instructions before installing this system.

SPECIFICATIONS

Part #	ACV3125-120-277V
Input Voltage	120-277V
Input Frequency	50/60Hz
Input Current @ Rated Load	1.25A @ 120V
Input Current @ Rated Load	0.75A @ 277V
Power Factor	HPF>95%
Output Voltage	12Vdc +/- 3%
Output Current 1	5A
Output Current 2	5A
Output Current 3	5A
Size (LxWxH)	18.75x1.68x1.18"
Max Ambient Operating Temperature	-40°C to 55°C
Certification	UL, CSA




Warning: Do not interconnect output terminations. Output 1, 2 & 3 wires should be connected as below.
Output 1 Connection: Yellow to Positive (+), Yellow/White to Negative (-)
Output 2 Connection: Blue to Positive (+), Blue/White to Negative (-)
Output 3 Connection: Red to Positive (+), Red/White to Negative (-)

Illustration 1

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Loading Recommendation

Maximum LED Modules Per Power Supply

Part Number	LED Power Consumption (Watts)	ACVN125-120-277V ACV125-120-277V	ACV2125-120-277V	ACV3125-120-277V
White Modules				
S03W2CW B M	0.30	180	150 + 150	150 + 150 + 150
S04W1CW B M	0.36	150	142 + 142	142 + 142 + 142
S05W2CW B	0.50	108	108 + 108	108 + 108 + 108
S07W2CW B	0.75	72	72 + 72	72 + 72 + 72
S07W2CW BLP	0.73	72	72+72	72 + 72 + 72
S07W2WW BLP	0.73	72	72+72	72 + 72 + 72
S07W2TW B	0.73	72	72+72	72 + 72 + 72
S07W2WW B	0.75	72	72+72	72 + 72 + 72
S1W2CW B	1.10	50	50 + 50	50 + 50 + 50
S1W2NW B	1.10	50	50 + 50	50 + 50 + 50
S1W2TW B	1.10	50	50 + 50	50 + 50 + 50
V07W2TW B	0.75	72	72 + 72	72 + 72 + 72
Color Modules				
S04W1RD B M*	0.36	142	142+142	142+142+142
S05W2BL B*	0.50	108	108+108	108+108+108
S05W2OR B*	0.50	108	108+108	108+108+108
S05W2RD B*	0.50	108	108+108	108+108+108
S1W2GR B*	1.00	54	50+50	50+50+50
S1W2OR B*	1.00	54	50+50	50+50+50
S1W2RD B*	1.00	54	50+50	50+50+50
RGB Modules				
ACLW-RGB3 40	0.72	80	80 + 80	80 + 80 + 80
ACLW-RGB AD 2	0.72	80	80 + 80	80 + 80 + 80
RGB SkyLine Flexible Border Tubing (RGB Color Changing)				
AFB1-XXXRGB-12V Q AB**	3.5W/ft (11.5W/m)	16' 4" (5m)	16' 4" (5m) + 16' 4" (5m)	16' 4" (5m) + 16' 4" (5m) + 16' 4" (5m)

*RD= Red, BL=Blue, GR=Green,OR=Orange

**XXX in part number for RGB SkyLine Flexible Border Tubing denotes length in inches. Q denotes jacket color, A denotes power lead, and B denotes end cap type. Please refer to product specifications for more information.

Loading Recommendation

Maximum Retrofit Lamps Per Power Supply

Part Number	LED Power Consumption (Watts)	ACVN125-120-277V ACV125-120-277V	ACV2125-120-277V	ACV3125-120-277V
LEDrofit (Retrofit Fluorescent Replacement)				
Single Sided LEDrofit				
ALDF-18CW-SS	3.50	15	15 + 15	15 + 15 + 15
ALDF-24CW-SS	5.90	9	9 + 9	9 + 9 + 9
ALDF-30CW-SS	7.10	8	8 + 8	8 + 8 + 8
ALDF-36CW-SS	9.30	6	6 + 6	6 + 6 + 6
ALDF-42CW-SS	10.50	5	5 + 5	5 + 5 + 5
ALDF-48CW-SS	12.70	4	4 + 4	4 + 4 + 4
ALDF-60CW-SS	16.00	3	3 + 3	3 + 3 + 3
ALDF-64CW-SS	16.70	3	3 + 3	3 + 3 + 3
ALDF-72CW-SS	18.80	3	3 + 3	3 + 3 + 3
ALDF-84CW-SS	21.60	2	2 + 2	2 + 2 + 2
ALDF-96CW-SS	23.60	2	2 + 2	2 + 2 + 2
ALDF-108CW-SS	26.30	2	2 + 2	2 + 2 + 2
ALDF-117CW-SS	27.40	2	2 + 2	2 + 2 + 2
ALDF-120CW-SS	29.50	2	2 + 2	2 + 2 + 2
Double Sided LEDrofit				
ALDF-18CW-DS	7.00	7	7 + 7	7 + 7 + 7
ALDF-24CW-DS	11.70	4	4 + 4	4 + 4 + 4
ALDF-30CW-DS	13.90	4	4 + 4	4 + 4 + 4
ALDF-36CW-DS	18.10	3	3 + 3	3 + 3 + 3
ALDF-42CW-DS	20.40	2.5	2.5 + 2.5	2.5 + 2.5 + 2.5
ALDF-48CW-DS	24.60	2	2 + 2	2 + 2 + 2
ALDF-60CW-DS	30.70	1.5	1.5 + 1.5	1.5 + 1.5 + 1.5
ALDF-64CW-DS	31.90	1.5	1.5 + 1.5	1.5 + 1.5 + 1.5
ALDF-72CW-DS	36.00	1.5	1.5 + 1.5	1.5 + 1.5 + 1.5
ALDF-84CW-DS	41.00	1	1 + 1	1 + 1 + 1
ALDF-96CW-DS	45.50	1	1 + 1	1 + 1 + 1
ALDF-108CW-DS	49.10	1	1 + 1	1 + 1 + 1
ALDF-117CW-DS	51.00	1	1 + 1	1 + 1 + 1
ALDF-120CW-DS	55.80	1	1 + 1	1 + 1 + 1

Notes:

- 0.5 represents 1 pair of wires for any double sided LEDrofit.
- Charts above represent loading recommendation at 90%.

Skyline
LED Rigid Border Tubing

Gas Station Restaurant Restaurant

Allanson



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Skyline
Flexible Border Tube

Quality LED Solution that Bends into Shape

Capture the vibrant colors and slim profile of neon with Allanson's new Skyline LED Flexible Border Tubing. With greater flexibility to conform to numerous contours and desired shapes, Skyline LED Flexible Border Tubes allow for easy installation onto any application.

RGB COLOR CHANGING OPTIONS AVAILABLE

Tried | Trusted | True

ColorMix Lighting Solutions

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SPEEDLamp

LED Sign Solution

Quality lamp installation with SPEED

Designed to get you in and out, SpeedLamp delivers uniform light and energy savings you can count on.

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Sign Lighting Solutions

ColorMix Lighting Solutions

Color Changing & Animating Lighting Solutions

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ColorMix color changing and animating lighting solutions is your solution for creating dynamic brand impact, transforming environments, and creating new opportunities.

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Tried | Trusted | True

Vibrant Image. Illuminated by LEDrofit.

Discerning sign owners demand true, vibrant, and reliable delivery of their brand image. That's why Denny's recently selected LEDrofit to illuminate their signs so that the Denny's brand can look as it was originally intended.

Inspired by a desire to create a better blend of light for sign customers, LEDrofit's unique construction generates a "bow-tie" illumination pattern that distributes light in a highly uniform pattern. And it's brighter than a leading competitor.

LEDrofit
Optimal Light - Vibrant Image

THINK GREEN

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LED Sign Lighting

LEDgen2 Lighting Solutions

Populating Channel Letters and Cabinet Sign Boxes just got more exciting with introduction of our NEW Low Profile, Mini, and Micro Mini Modules to the LEDgen2 family of LED solutions!

- Balanced and uniform illumination
- Fast and easy installation
- Excellent module efficacy
- Fewer modules required for lower installation cost
- Consistent color
- RoHS compliant
- UL recognized
- Products can be used in dry/damp and wet locations (Not suitable for submerged applications) IP67
- Available in the following options:
 - White (5000K) 1.5W
 - Red, Orange 0.5W and 1W
 - Low Profile (BLP) 1W
 - Mini Modules White 1W
 - Micro Mini Modules

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LED Saber2

Powerful Linear Beam Lighting

Next Generation

Allanson's new LED Saber2, designed for further light projection, provides greater surface area coverage with maximum brightness and uniform light distribution for optimal results.

Lighting Applications

Down lighting for:

- Awnings
- Bus Shelters
- Toll Stations
- Railway Platforms
- Schools
- Airports
- Sign Boxes
- Aid Cans
- Menu Boards

Gas Stations
Convenience Stores
Counters

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Scan for LED Saber2 & Solar Saber Specs

Warranty

Allanson provides a 5 year standard warranty on LED Power Supplies. For more information, please contact customer service.

Customer Service

 cservice@allanson.com

 1.800.661.7251

 www.allanson.com



Information provided is subject to change without notice.

LED Power Supplies

Product Description

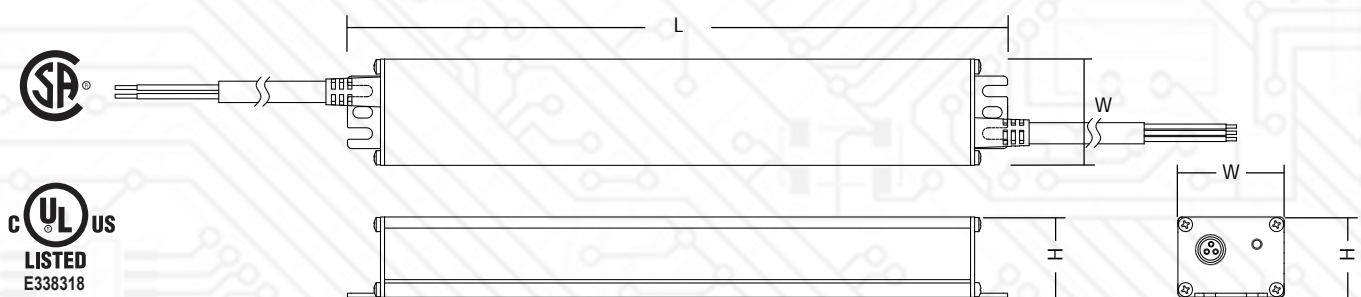
Allanson's CVW series of fixed output voltage LED power supply comes with affordable and reliable features. 12VDC & 24VDC major output voltage with 1, 2, 3 multi-channel selection for different applications. CVW series meets North American safety certifications, and compliant with FCC Immunity/Emissions/Harmonic requirements. The CVW power supplies are rated IP68, designed and rigorously tested to work in various outdoor and indoor applications.

Product Features

- Constant voltage design
- Universal input voltage from 120-277 VAC
- Multi-channel output and independent operating
- Class 2 output
- Dry, damp, & wet location IP68 rated
- Operating temperature range -40°C to +40°C

Specifications Chart

	Catalogue Number	Input Voltage	Input Current Amps	Output Volts DC	Output Current	Output Watts	Housing (inches)			Power Factor	Rating
							L	W	H		
12V	CVW125-120-277V	120-277	0.70A-0.30A	12	5.0	60	9.54	1.54	1.16	HPF	Dry, Damp, & Wet
	CVW2125-120-277V	120-277	1.40A-0.60A	12	2 x 5.0	120	9.22	2.68	1.34	HPF	Dry, Damp, & Wet
	CVW3125-120-277V	120-277	1.80A-0.80A	12	3 x 5.0	180	11.70	2.68	1.52	HPF	Dry, Damp, & Wet
24V	CVW244-120-277V	120-277	0.95A-0.40A	24	4.0	96	9.59	1.81	1.25	HPF	Dry, Damp, & Wet
	CVW2244-120-277V	120-277	2.23A-0.99A	24	2 x 4.0	192	9.22	2.68	1.52	HPF	Dry, Damp, & Wet
	CVW3244-120-277V	120-277	3.35A-1.51A	24	3 x 4.0	288	12.96	2.68	1.52	HPF	Dry, Damp, & Wet



Wire Size Recommendation

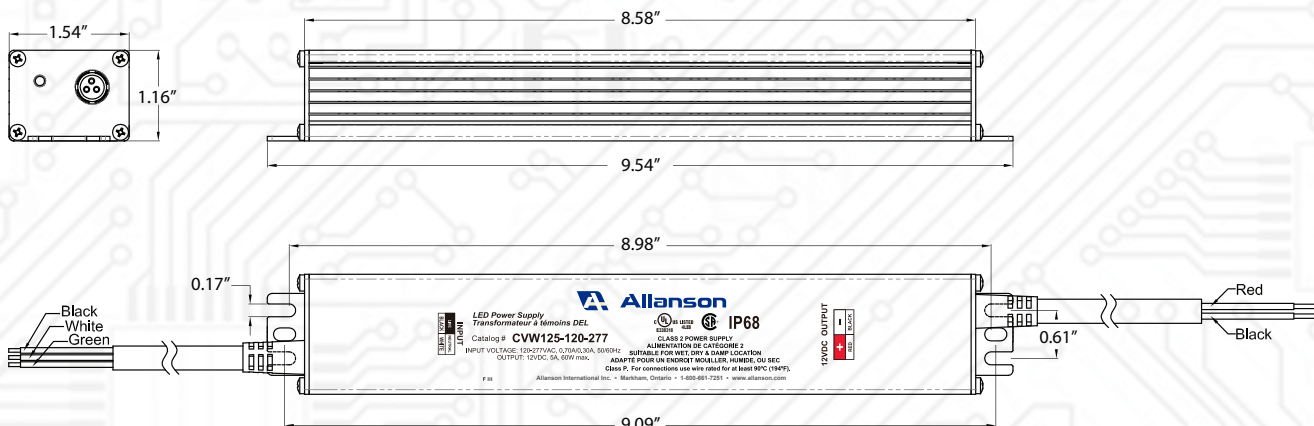
Recommended wire size from LED Module to Power Supply

Distance to Power Supply	Stranded Copper Wire Gauge	Expected Voltage Drop
13 Feet	16 AWG	5%
20 Feet	14 AWG	5%
30 Feet	12 AWG	5%

12V Product Dimensions

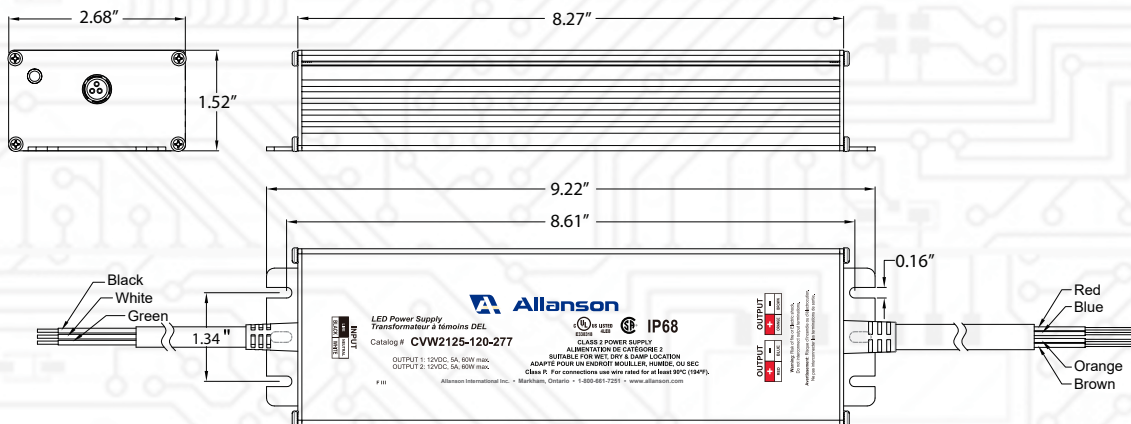
All dimensions are in inches. Drawings are not to scale.

CVW125-120-277V*



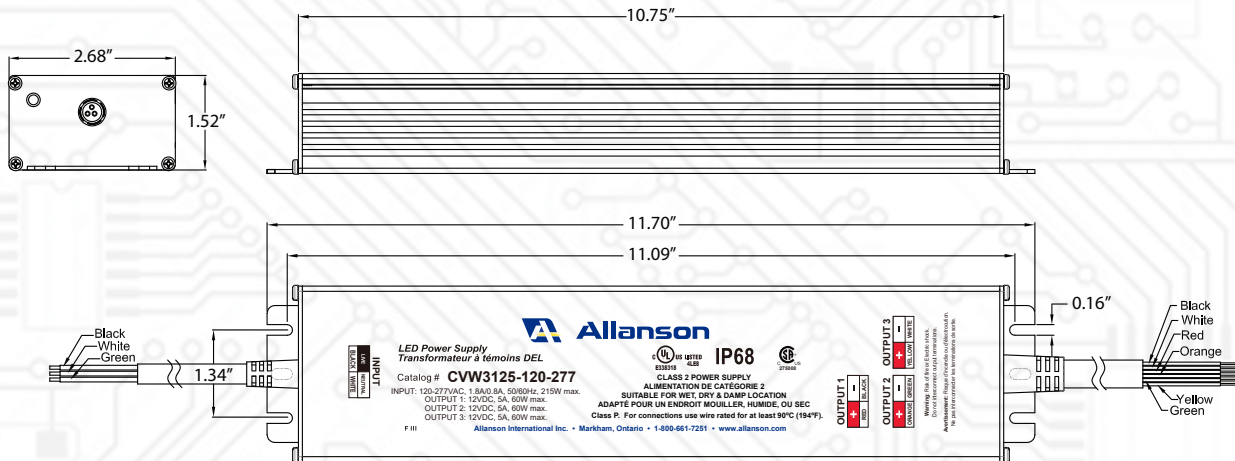
Output 1 wires should be connected as below:
Output 1 Connection: Red to Positive (+), Black to Negative (-)

CVW2125-120-277V*



Output 1 and Output 2 wires should be connected as below:
Output 1 Connection: Red to Positive (+), Blue to Negative (-)
Output 2 Connection: Orange to Positive (+), Brown to Negative (-)

CVW3125-120-277V*



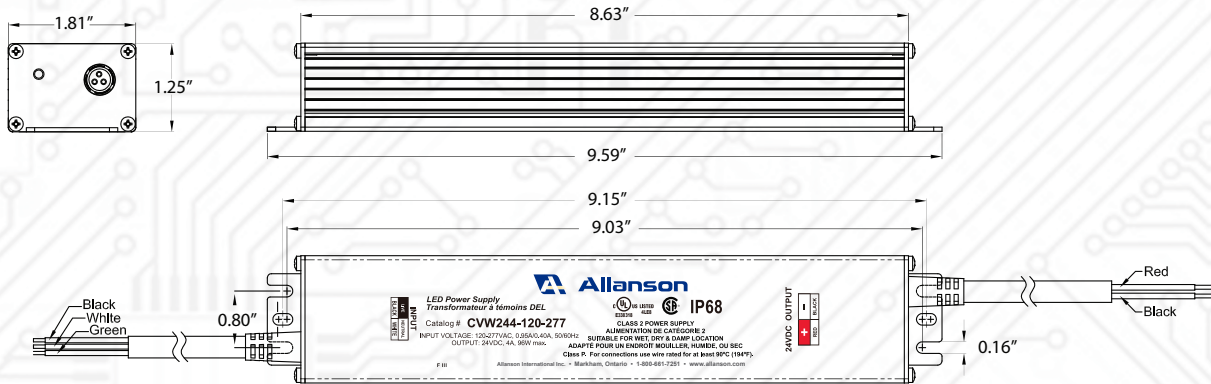
Output 1, Output 2 and Output 3 wires should be connected as below:
Output 1 Connection: Red to Positive (+), Black to Negative (-)
Output 2 Connection: Orange to Positive (+), Green to Negative (-)
Output 3 Connection: Yellow to Positive (+), White to Negative (-)

Warning: Do not interconnect output terminations.

24V Product Dimensions

All dimensions are in inches. Drawings are not to scale.

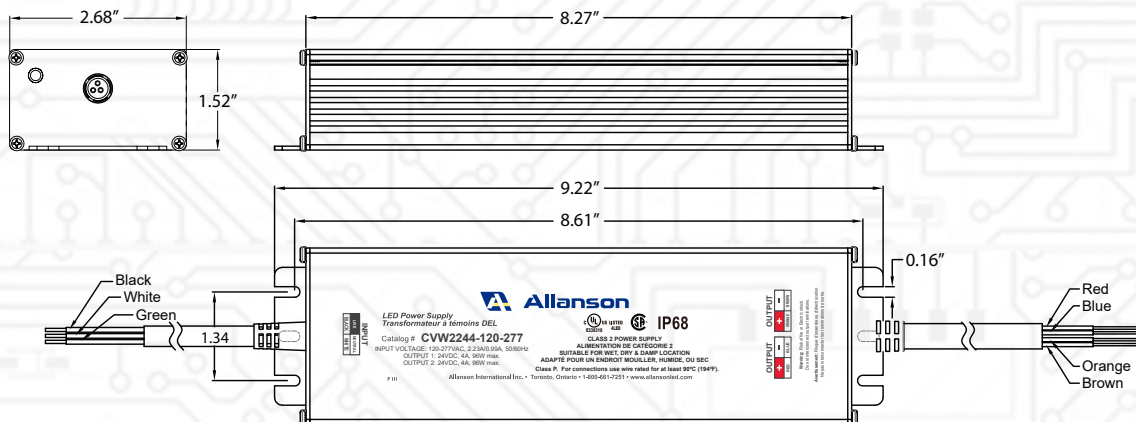
CVW244-120-277V*



Output 1 wires should be connected as below:

Output 1 Connection: Red to Positive (+), Black to Negative (-)

CVW2244-120-277V*

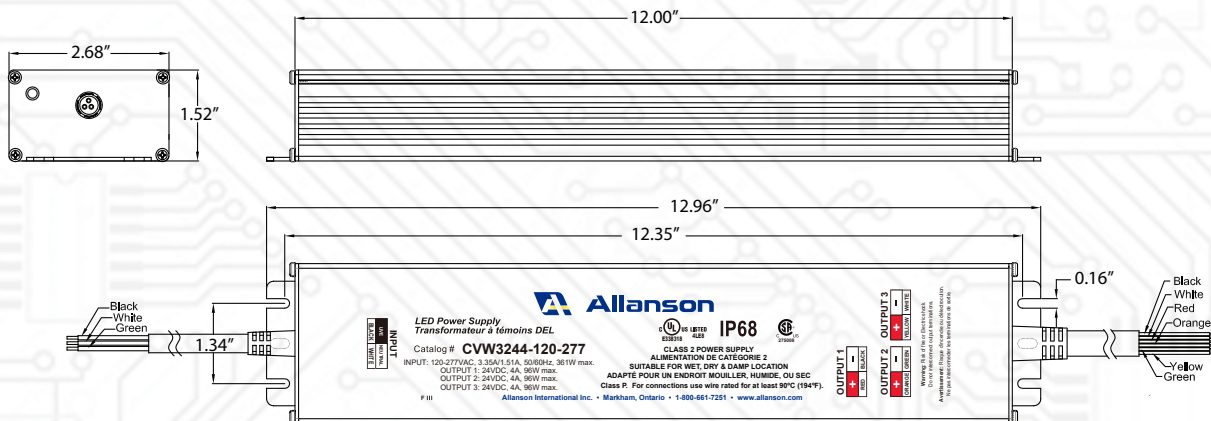


Output 1 and Output 2 wires should be connected as below:

Output 1 Connection: Red to Positive (+), Blue to Negative (-)

Output 2 Connection: Orange to Positive (+), Brown to Negative (-)

CVW3244-120-277V*



Output 1, Output 2 and Output 3 wires should be connected as below:

Output 1 Connection: Red to Positive (+), Black to Negative (-)

Output 2 Connection: Orange to Positive (+), Green to Negative (-)

Output 3 Connection: Yellow to Positive (+), White to Negative (-)

***Warning:** Do not interconnect output terminations.

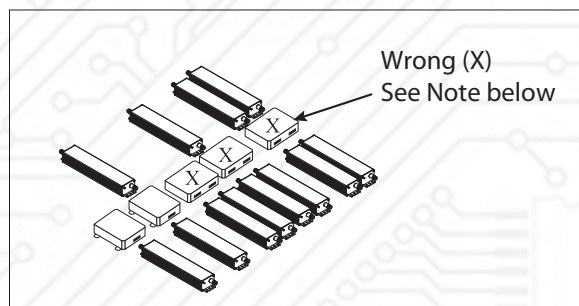
Installation Instructions

For wet location:

Wet Location

Sample Configurations

Note: Power supplies shall be spaced a minimum of 2 inches from other heat producing components. If multiple power supplies are used in one enclosure, the minimum spacing between them shall not be less than 1 inch when arranged end-to-end, and not less than 4 inches when arranged otherwise.

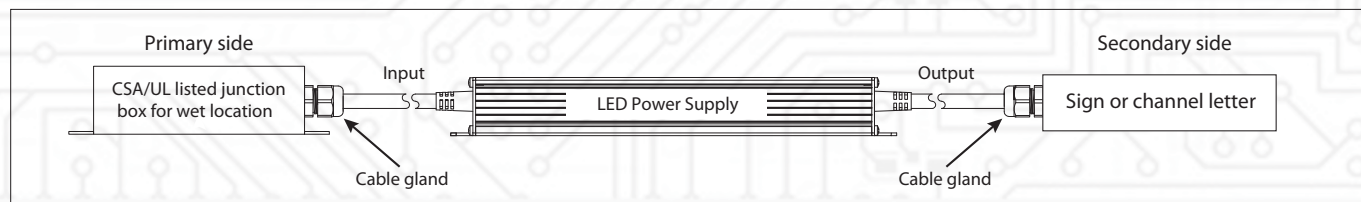


Primary Side

- Step 1 - Feed the input cord through the ½" NPT cable gland included in the package.
- Step 2 - Pull the input cord into the junction box.
- Step 3 - Thread the PS ½" NPT cable gland firmly against the junction box, apply Teflon tape or Multi Thread Seal if necessary.
- Step 4 - Connect the three primary wires to the respective wires coming from the sign's service with wire nuts.
- Step 5 - Plug all unused ports/knockouts on the junction box with suitable plugs and install the junction box cover.

Please see below for connections:

Both Primary (input) and Secondary (output) cords are 21 inches long.



Secondary Side

- Connect sign or channel letter in the same way as the primary side, use included cable gland.
- Cap off any unused output leads individually.
- Seal all wall penetration with silicone to avoid water damage.

Troubleshooting

No Light output	Make sure power at breaker is ON. Make sure connections are correct between line and power supply, and between power supply and LED chain. Check output of the power supply using a voltmeter. The output should be 12VDC & 24VDC. Have a licensed electrician check the power at the input of the power supply. Short circuit at the output will shut down the unit.
Sections of LED module does not light up	Check connections and polarity between power supply and LED module, connectors and polarity between LED modules.
One LED Module does not light up	If all other LED modules are working except one, replace this one module. The modules are in parallel and will not cause other modules to fail if one fails.
Not enough light output Light turns off and on periodically	Make sure the LED load does not exceed the output rating of the LED power supply. Fasten any loose modules or arrays.
Shadows	Tape any wires down that are interfering with the LED modules. Fasten any loose modules.
Unit attempts to restart	In fault condition mode, the power supply will attempt to restart periodically and resume normal operation after fault condition is removed.

Skyline
LED Rigid Border Tubing

Gas Station Restaurant Restaurant

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Skyline
Flexible Border Tube

Quality LED Solution that Bends into Shape

Capture the vibrant colors and slim profile of neon with Allanson's new Skyline LED Flexible Border Tubing. With greater flexibility to conform to numerous contours and desired shapes, Skyline LED Flexible Border Tubes allow for easy installation onto any application.

RGB COLOR CHANGING OPTIONS AVAILABLE

Tried | Trusted | True

ColorMix Lighting Solutions

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SPEEDLamp

LED Sign Solution

Quality lamp installation with SPEED

Designed to get you in and out, SpeedLamp delivers uniform light and energy savings you can count on.

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Sign Lighting Solutions

ColorMix Lighting Solutions

Color Changing & Animating Lighting Solutions

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ColorMix color changing and animating lighting solutions is your solution for creating dynamic brand impact, transforming environments, and creating new opportunities.

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Vibrant Image. Illuminated by LEDrofit.

Discerning sign owners demand true, vibrant, and reliable delivery of their brand image. That's why Denny's recently selected LEDrofit to illuminate their signs so that the Denny's brand can look as it was originally intended.

Inspired by a desire to create a better blend of light for sign customers, LEDrofit's unique construction generates a "bow-tie" illumination pattern that distributes light in a highly uniform pattern. And it's brighter than a leading competitor.

LEDrofit
Optimal Light - Vibrant Image

THINK GREEN

120V 50/60Hz

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Allanson LED Sign Lighting

LEDgen2 Lighting Solutions

Populating Channel Letters and Cabinet Sign Boxes just got more exciting with introduction of our NEW Low Profile, Mini, and Micro Mini Modules to the LEDgen2 family of LED solutions!

- Balanced and uniform illumination
- Fast and easy installation
- Excellent module efficacy
- Fewer modules required for lower installation cost
- Consistent color
- RoHS compliant
- UL recognized
- Products can be used in dry/damp and wet locations (Not suitable for submerged applications) IP67
- Available in the following options:
 - White (5000K) 1.5W
 - Red, Orange 0.5W and 1W
 - Low Profile (BLP) 1W
 - Mini Modules White 1W
 - Micro Mini Modules

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Allanson LED Saber2

Powerful Linear Beam Lighting

Next Generation

Allanson's new LED Saber2, designed for further light projection, provides greater surface area coverage with maximum brightness and uniform light distribution for optimal results.

Lighting Applications

Down lighting for:

- Awnings
- Bus Shelters
- Toll Stations
- Railway Platforms
- Schools
- Airports
- Sign Boxes
- Aid Cans
- Menu Boards

Gas Stations
Convenience Stores
Counters

THINK GREEN

120V 50/60Hz

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Scan for LED Saber2 & Solar Saber Specs

Warranty

Allanson provides a 5 year standard warranty on LED Power Supplies. For more information, please contact customer service.

Customer Service

 cservice@allanson.com

 1.800.661.7251

 www.allanson.com



Information provided is subject to change without notice.

Power Supplies

Specifications Guide

CV/CVL Series



LED Power Supplies

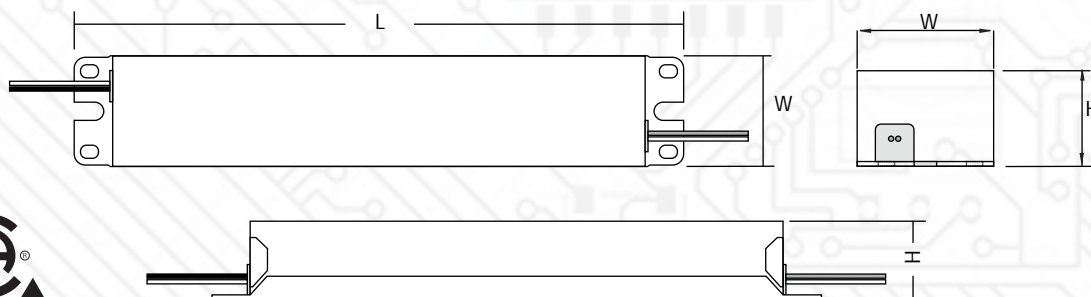
Product Features

- Suitable for LED sign lighting and signage retrofit kits
- Available in 12 volt and 24 volt DC
- Available in 24W, 60W, 96W, 120W (60W + 60W), and 180W (60W + 60W + 60W)
- Overload and short-circuit protected
- High Power Factor (HPF)
- New low profile and linear designs available
- Operating temperature -40°C to 40°C (reduce loading if ambient exceeds 40°C)
- Dry and damp location rated
- Fully encapsulated
- UL Class 2 rated (SAM Manual)
- CSA certified components
- 5 year standard warranty

Specifications Chart

Catalogue Number	Input Voltage	Input Current Amps	Output Volts DC	Output Current	Output Watts	Housing (inches)			Power Factor	Rating
						L	W	H		
12 Volts DC Output										
CV122-120-277V	120-277	0.27A	12	2.0	24	4.80	1.58	0.96	HPF	Dry & Damp
CV125-120-277V	120-277	0.65A	12	5.0	60	9.50	1.85 [^]	1.15	HPF	Dry & Damp
CV125-347	347	0.25A	12	5.0	60	9.50	1.85	1.15	HPF	Dry & Damp
CVL2125-120-277	120-277	1.29A	12	5.0 + 5.0	120 (60 + 60)	16.73	1.70	1.18	HPF	Dry & Damp
CVL3125-120-277	120-277	2.07A	12	5.0 + 5.0 + 5.0	180 (60 + 60 + 60)	20.04	1.72	1.19	HPF	Dry & Damp
24 Volts DC Output										
CV244-120-277	120-277	0.94A	24	4.0	96	9.50	1.85	1.15	HPF	Dry & Damp
CV244-347	347	0.39A	24	4.0	96	9.49	1.85	1.13	HPF	Dry & Damp

[^] Possible variance of - 0.10". Please reference instruction manual in package of unit purchased



Wire Size Recommendation

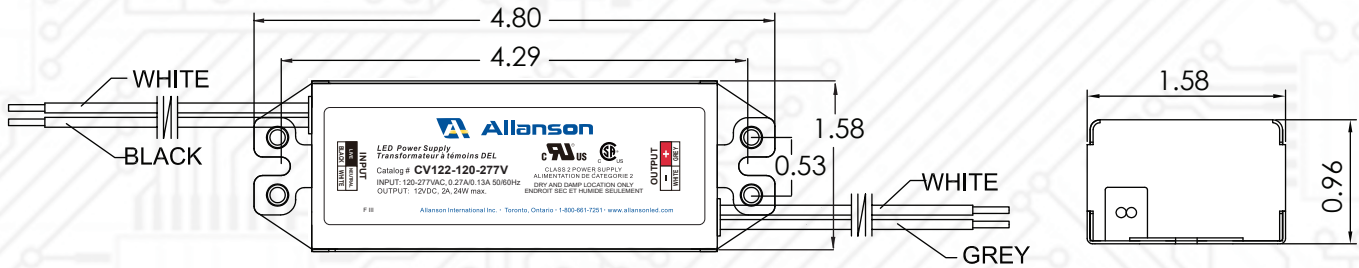
Recommended wire size from LED Module to Power Supply

Distance to Power Supply	Stranded Copper Wire Gauge	Expected Voltage Drop
13 Feet	16 AWG	5%
20 Feet	14 AWG	5%
30 Feet	12 AWG	5%

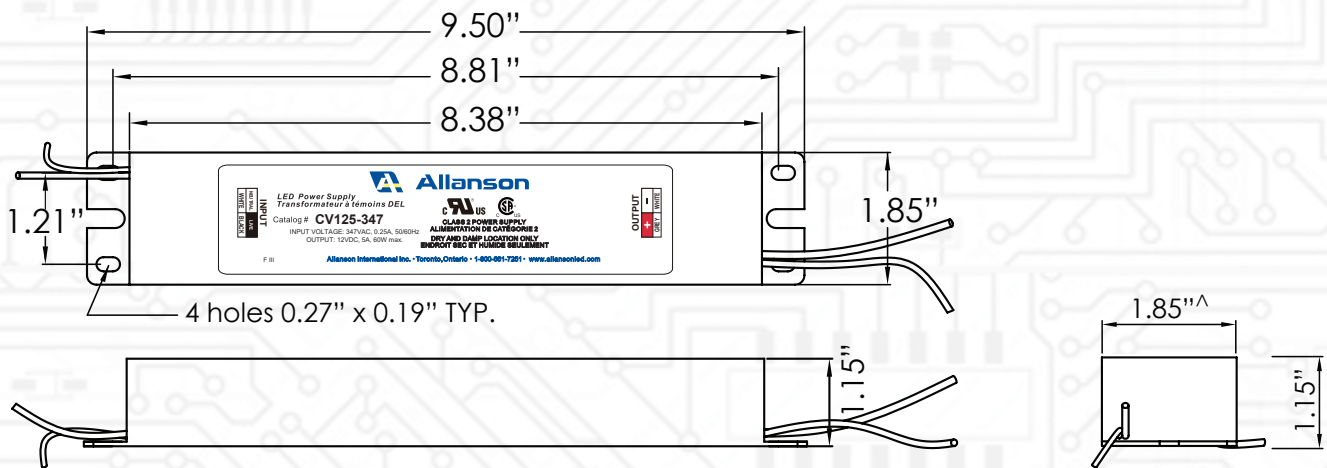
Product Dimensions

All dimensions are in inches. Drawings are not to scale.

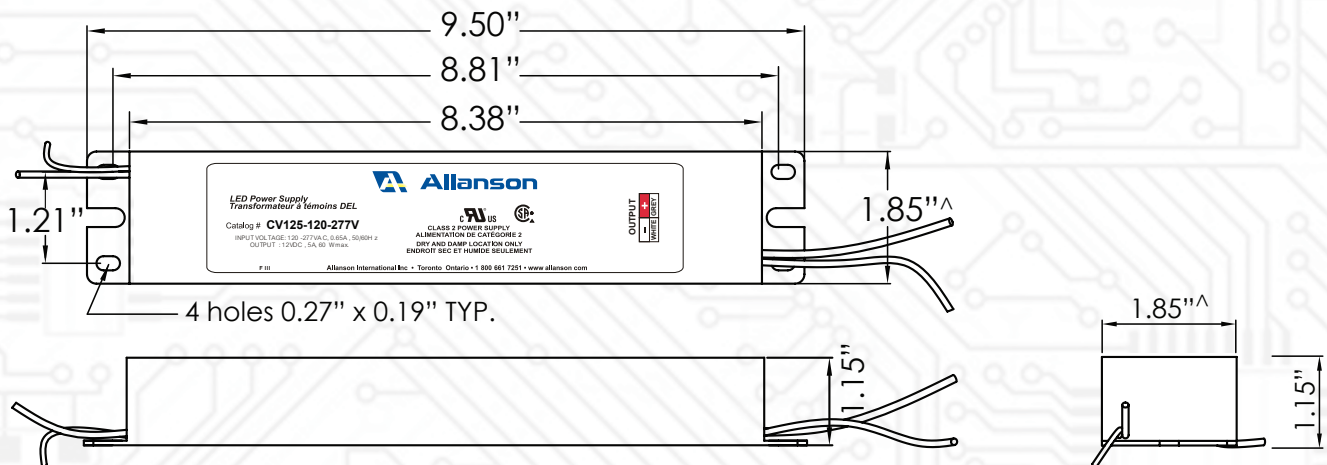
CV122-120-277V



CV125-347



CV125-120-277 & CV244-120-277

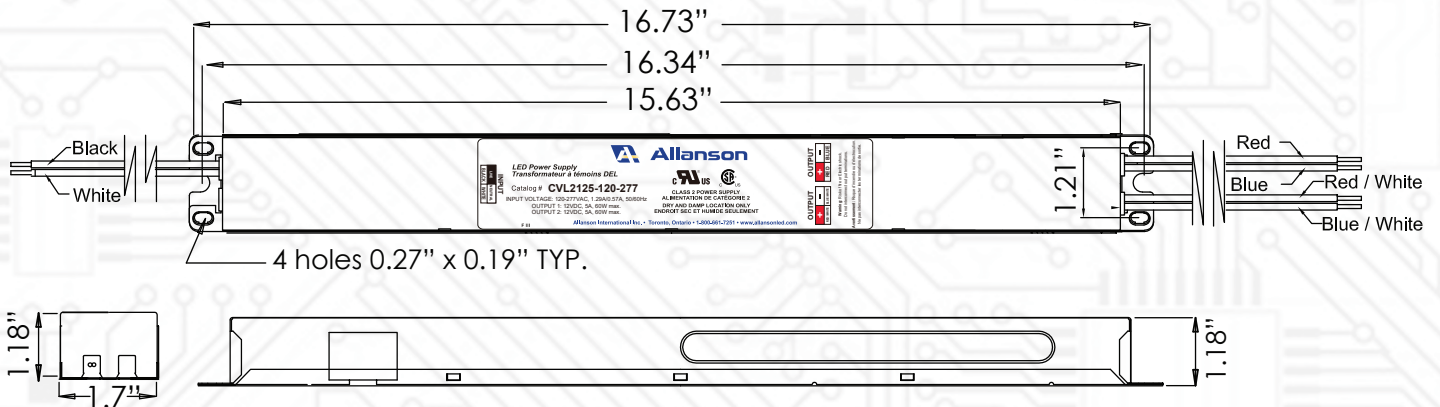


^ Possible variance of - 0.10" in width dimension.
Please reference instruction manual in package of unit purchased

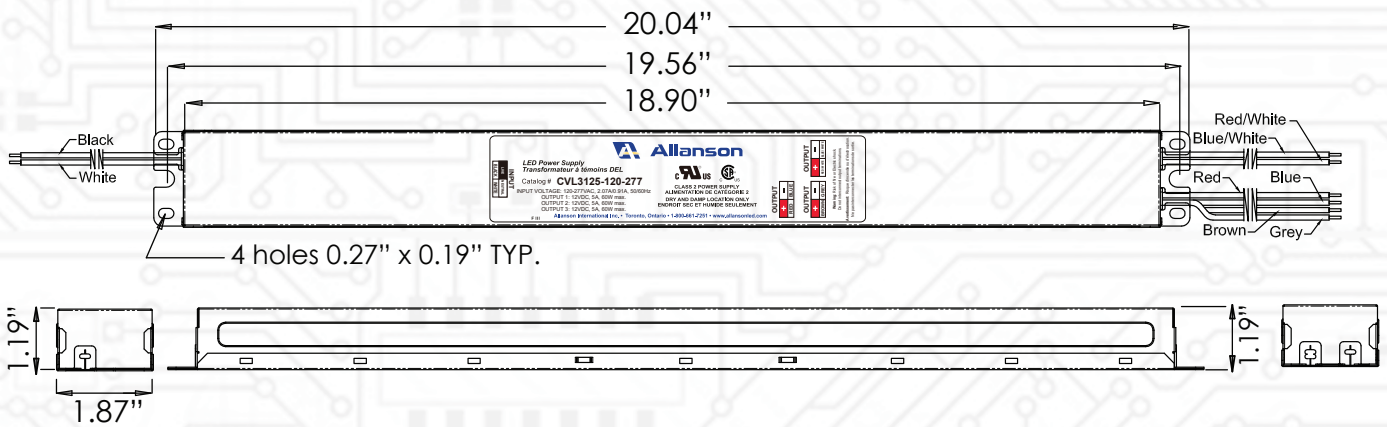
Product Dimensions

All dimensions are in inches. Drawings are not to scale.

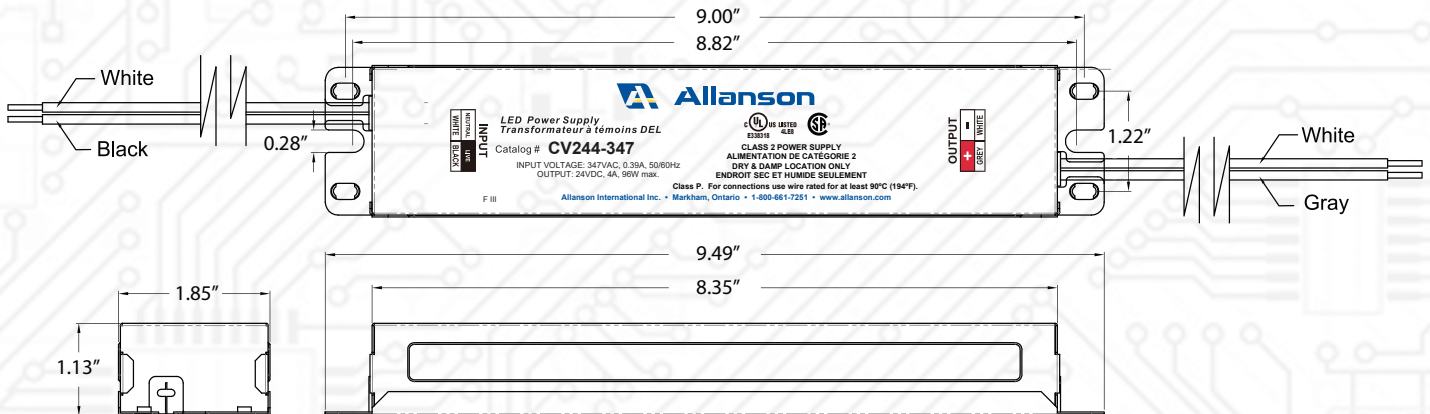
CVL2125-120-277



CVL3125-120-277



CV244-347



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Sign Lighting Solutions

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LEDrofit
Optimal Light - Vibrant Image

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- Fast and easy installation
- Excellent module efficacy
- Fewer Modules required for lower installation cost
- Consistent color
- RoHS compliant
- UL recognized

Products can be used in dry/damp and wet locations (when suitable for intended applications IP67)

Available in the following options:

- White (5000K) LED
- White (5000K) UV
- Red, Orange, 0.5W
- Low Profile (LFP) White
- Mini Modules White
- Micro Mini Modules

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Powerful Linear Beam Lighting

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Bus Stations
Toll Stations
Railway Platforms
Schools
Airports
Sign Box
Aid Cane
Menu Board

Gas Stations
Convenient Stores
Counters

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Warranty

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Customer Service

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