

Base Extrusion 2-2-S Channel

Details:

- Versatile aluminum profile for use with Series LL2 LED Engines.
- Stocked in 96" lengths but can be factory cut and assembled based on project requirements.

Standard Options:

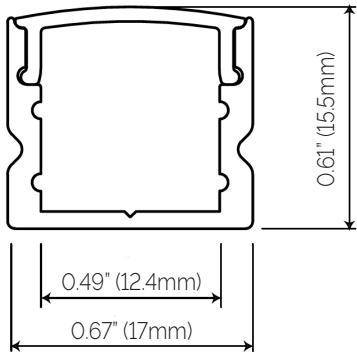
- Factory cut lengths to 1/8" Increments.
- Complete factory assembly with any Series LL2 LED Engines.
- 96" Power Leads

Custom Options:

- Factory applied Magnet Strips "MAG"
- RAL Finishes available "RAL"
- Factory applied color filters (Rosco)



Cross Section:



Profile:

Standard finish is Anodized Aluminum

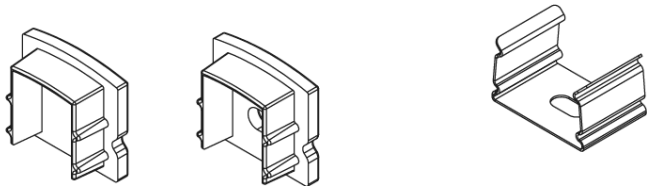
RAL Finishes available - Please specific Tiger Drylac #
Example RAL9010-WHITE

RAL Finishes are quoted on a per project basis

Lenses:

- Clear** - Allows for maximum LED efficiency. This should not be used in applications that are either direct view or where reflective surfaces would allow for LED imaging.
- Frosted** - Reduced LED Efficiency but shields LED diodes from reflective imaging. Do not use for direct view applications.
- Opal** - Maximum LED diffusion with a reduction in efficiency. Some tight pitch Series 2 LED's allow for direct view applications.
- Lenses snap into the profile and can be easily changed at any time.

Accessories:



End Cap (Pair) #EC

Screw Clip "SC"

Ordering Information:

Model:	Length:	Lens:	Accessory:	Custom:
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BE2-2-S	96" CUSTOM	C CLEAR F FROSTED O OPAL	EC END CAP (PAIR) SC SCREW CLIP	MAG RAL ROSCO

Example: BE2-2-S-96"-F-EC-MAG-RAL#9010-WHITE-ROSCO#R08 PALE GOLD

Details:

- LinearLight 2-SW3.6 is a small profile, versatile LED strip with best-in-class CRI available for a variety of applications. LinearLight 2-SW3.6 is provided in outputs ranging from 321lm/ft. to 391lm/ft.
- Stocked in 192" lengths but can be factory cut and delivered to project site based on site specific measurements by the Convey Team.

Physical Features:

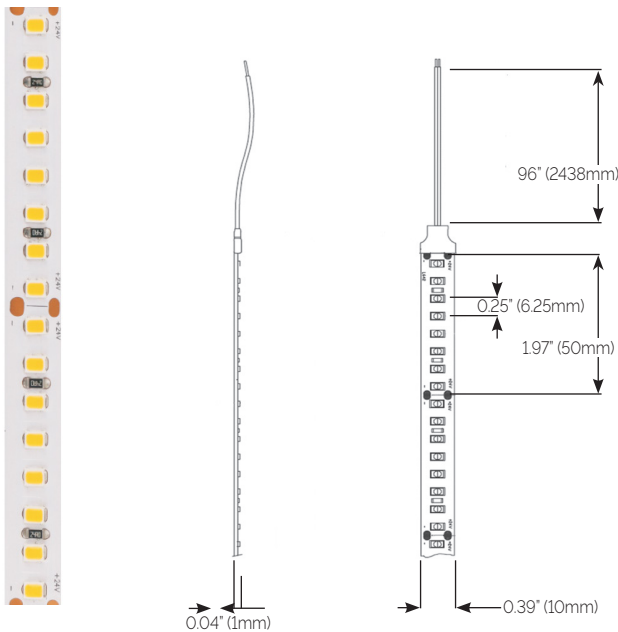
- Factory cut lengths to 1.97" Increments.
- 3M (300LSE) yellow adhesive tape attached on backside, standard
- Complete factory assembly with any Series BE2 Profiles.
- 96" Power Leads

Lighting Features:

- 120° beam spread
- 50,000hr. Life (L70)
- 5 year warranty
- TM-30 data available at www.conveylighting.com



Profile:



Specifications:

Average Power Consumption	3.6W/ft.	
Voltage	24V/dc	
Binning	3 step	
Cut Increment	1.97"	
Diodes per foot	49	
Max. Run	26ft.	
IP Rating	IP20 (Class II dry location)	
Dimensions	0.39"W x 0.04"H	

CCT	Lumen Output (lm/ft.)	Efficacy (lm/W)
1800K @90CRI	383	105
2200K @90CRI	331	91
2400K @95CRI	348	96
2700K @98CRI	367	101
3000K @98CRI	383	105
3500K @98CRI	403	111
4000K @98CRI	403	111

Ordering Information:

Example:
L2-SW3.6-30-32'

Model:

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CCT:

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Length:

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Transformer/PSU

L2-SW3.6 3.6W/ft.

18 1800K, 90CRI
22 2200K, 90CRI
24 2400K, 95CRI
27 2700K, 98CRI
30 3000K, 98CRI
35 3500K, 98CRI
40 4000K, 98CRI

1'-16'
C SPECIFY CUSTOM

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Details:

- Standard model is UL listed for Dry, Damp and Wet Location Use.
- Multiple electrical knockouts with easily removable wiring compartment cover.
- Durable powdercoated black finish - option finished available for open ceiling applications - Consult factory with RAL finish needed.
- Compatible with any of Conveys 24v Constant Voltage Products.
- Separated High and Low Voltage wiring compartments.

Dimming Features:

- 0-10v Dimming - 120/277v Input.
- Triac and ELV (Forward and Reverse Phase) Dimming @ 120v.
- 277v dimming requires use of 0-10v Dimming Wires. Otherwise non-Dimming @ 277v.

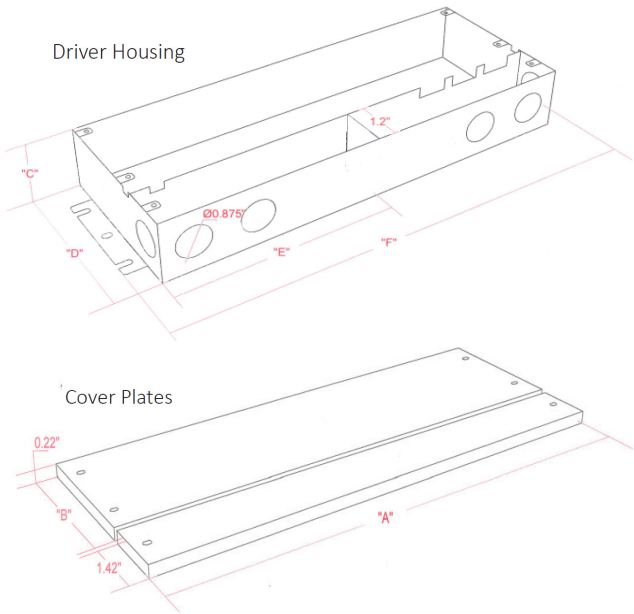
Optional Factory Installed Items:

- On Board 0-10v Potentiometer for individual driver dim levels.
- Lutron Vive Dimmable Power Pak - Not Factory Programmed.
- Casambi CBU Series Controllers - Specify Controller Needed.
- Cord/Plug - 9' 16/3 SJ Cord with Grounded Plug.
- MC Flex - 9' 14/3 MC Cable Flex.
- RAL Finish - For applications where drivers could be visible.



Dimensions (Inches) and Weight (lbs) Data: (Subject to Change)

Profile:



Model	Weight	"A"	"B"	"C"	"D"	"E"	"F"
1x30	1.9	5.94"	2.32"	1.54"	3.54"	2.91"	6.50"
1x60	2.3	6.85"	2.32"	1.54"	3.54"	3.39"	7.40"
1x96	3.0	8.07"	2.32"	1.54"	3.54"	3.97"	8.66"
1x120	3.0	8.07"	2.32"	1.54"	3.54"	3.97"	8.66"
1x150	4.0	9.41"	2.72"	1.73"	3.94"	4.65"	10.24"
1x200	4.0	9.41"	2.72"	1.73"	3.94"	4.65"	10.24"
1x300	5.5	10.12"	2.91"	1.73"	4.13"	4.96"	10.94"
2x96	4.7	10.12"	2.91"	1.73"	4.13"	4.96"	10.94"
3x96	5.5	11.06"	2.91"	1.73"	4.13"	5.39"	11.85"
4x96	5.7	11.93"	2.91"	2.05"	5.51"	4.72"	12.72"

Ordering Information:

Example:
T/PSU-24-1X96W-UNV-LUT

Model:

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Output Wattage:

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Dimming:

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Options:

- T/PSU-24
- 1x30W

1x60W

1x96W

1x120W

1x150W

1x200W

1x300W

2x96W (*)

3x96W (*)

4x96W (*)
- UNV
- POT

LUT

CAS

CP9

FLEX

RAL

0-10V POTENTIOMETER

LUTRON VIVE

CASAMBI MODULE

9' CORD/PLUG

9' MC CABLE FLEX

CUSTOM PAINT
- CP9,FLEX and RAL can be included with other options

Refer to Covey Wiring
Diagrams for various
Dimming Protocols.

(*) Single Input



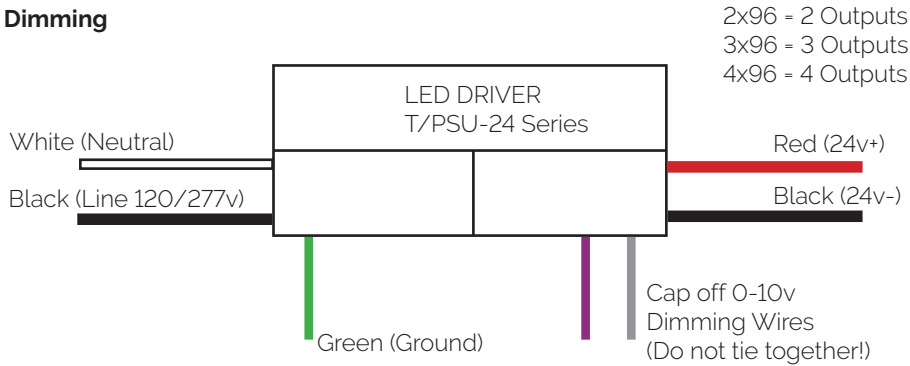
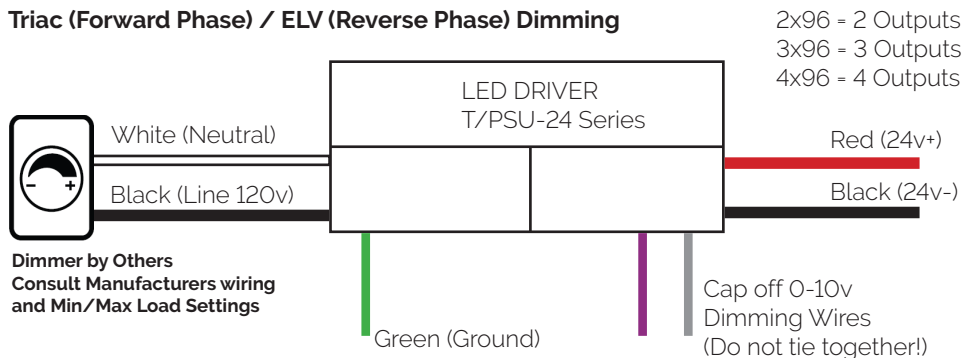
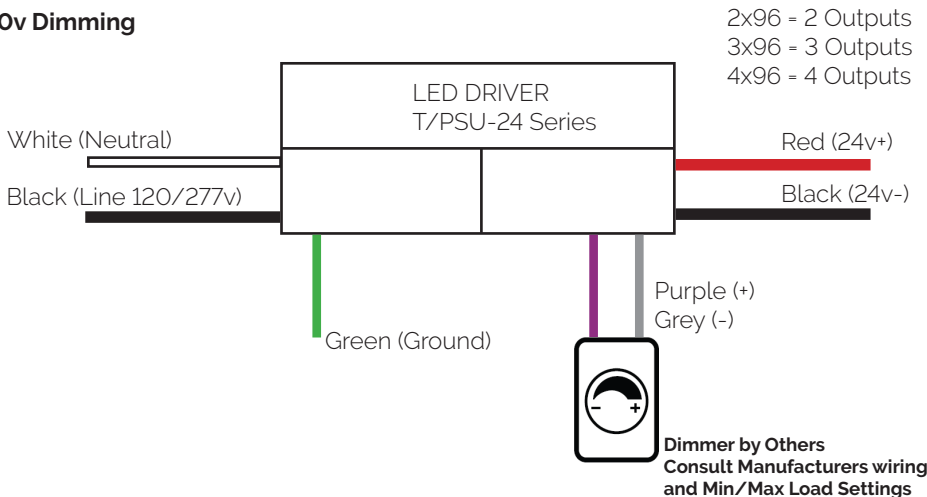


3x96 Shown

Convey Drivers feature separate input (120/277v) and output (24v and 0-10v Dimming) wiring compartments.

Drivers should be installed in a ventilated space and by a qualified electrician. Local and National Electrical Codes should be followed.

Installing contractor shall use appropriate wire connectors based on the application (Dry, Damp, Wet Location).

Non Dimming**Triac (Forward Phase) / ELV (Reverse Phase) Dimming****0-10v Dimming****Electrical Data**

Model	Amps @ 120v	Amps @ 277v	Amps @ 24v
1x30	0.25	0.11	1.25
1x60	0.50	0.22	2.50
1x96	0.80	0.35	4.00
1x120	1.00	0.44	5.00
1x150	1.25	0.55	6.25
1x200	1.67	0.73	8.34
1x300	2.5	1.09	12.5
2x96	1.60	0.70	4.00x2
3x96	2.40	1.04	4.00x3
4x96	3.20	1.39	4.00x4

Remote Distance Guide (Wire by Others) - 24v Output

Model	Max #12	Max #14	Max #16	Max #18	Max #22
1x30	180'	110'	70'	45'	17'
1x60	90'	55'	35'	22'	8'
1x96	55'	35'	22'	14'	5'
1x120	45'	28'	17'	11'	4'
1x150	35'	22'	14'	9'	3'
1x200	26'	17'	10'	6'	NR
1x300	18'	11'	7'	4'	NR
2x96	55'	35'	22'	14'	5'
3x96	55'	35'	22'	14'	5'
4x96	55'	35'	22'	14'	5'

% Voltage Drop not to exceed 3%
Distances based on max driver load
NR = Not Recommended

