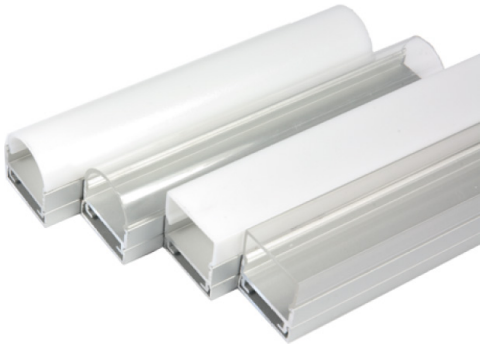
Base Extrusion 2-3-S Channel

CONVEY

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.



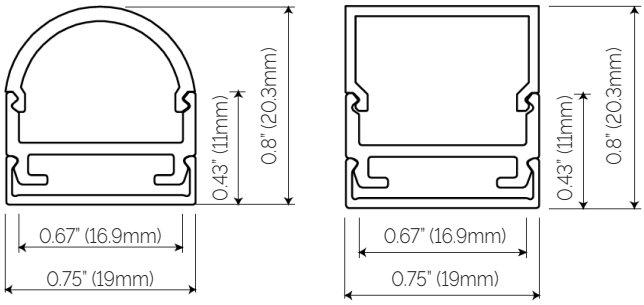
Standard Options:

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

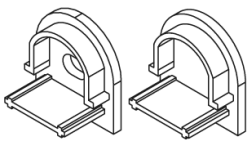
Custom Options:

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

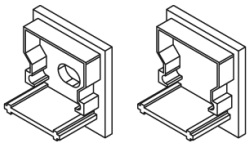
Cross Sections:



Accessories:



End Cap (Pair, Curved Lens) #ECC



End Cap (Pair, Flat Lens) #ECF

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.

Ordering Information:

Model:		Length:		Lens:		Accessory:		Custom:
	–		–		–		–	
BE2-3-S		**96"** **CUSTOM**		**CC** CLEAR, CURVED **FC** FROSTED, CURVED **OC** OPAL, CURVED **CF** CLEAR, FLAT **FF** FROSTED, FLAT **OF** OPAL, FLAT		**ECC** END CAPS, CURVED **ECF** END CAPS, FLAT		**MAG** **RAL** **ROSCO**

Example: BE2-3-S-96"-FC-ECC-MAG-RAL#9010-WHITE-ROSCO#R08 PALE GOLD

Convey Lighting
Street Address
City, State, Zip Code

www.conveylighting.com

info@conveylighting.com
(555)-555-5555

LinearLight 2-SW3.8HE (High Efficacy)

CONVEY

Details:

• LinearLight 2-SW3.8HE is a small profile, versatile LED strip with best-in-class CRI available for a variety of applications. LinearLight 2-SW3.8HE is provided in outputs up to 660m/ft.
• Stocked in 32' lengths but can be factory cut and delivered to project site based on site specific measurements by the Convey Team.

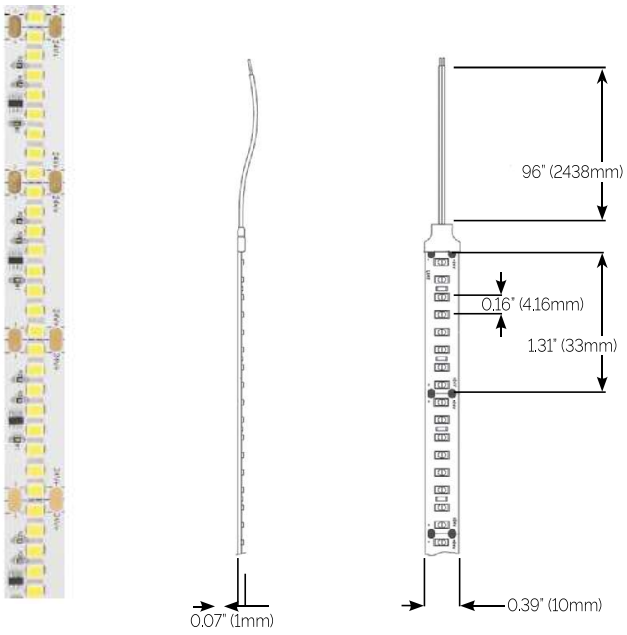
Physical Features:

• Factory cut lengths to 1.31" Increments with run length up to 32'.
• 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	3.8W/ft.
Voltage	24V/dc
Binning	3 step
Cut Increment	1.31"
Diodes per foot	73
Max. Run	32ft.
IP Rating	IP20 (Class II dry location)
Dimensions	0.39"W x 0.07"H

CCT	Lumen Output (lm/ft.)	Efficacy (lm/W)
1800K @90CRI	544	143
2200K @90CRI	560	147
2400K @95CRI	571	150
2700K @98CRI	595	156
3000K @98CRI	608	160
3500K @98CRI	627	165
4000K @98CRI	660	173

Ordering Information:

Example:
L2-SW3.8HE-30-32'

Model:		CCT:		Length:		Transformer/PSU
	–		–		–	

L2-SW3.8HE 3.8W/ft.

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

1'-16' SPECIFY
C CUSTOM

TXXX SPECIFIED SEPARATELY

c UL us CE LM-80 1 BIN/3-STEP

101 Hammer Mill Rd.
Rocky Hill, CT 06067
www.conveylighting.com
info@conveylighting.com

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.
• Seperated High and Low Voltage wiring compartments.

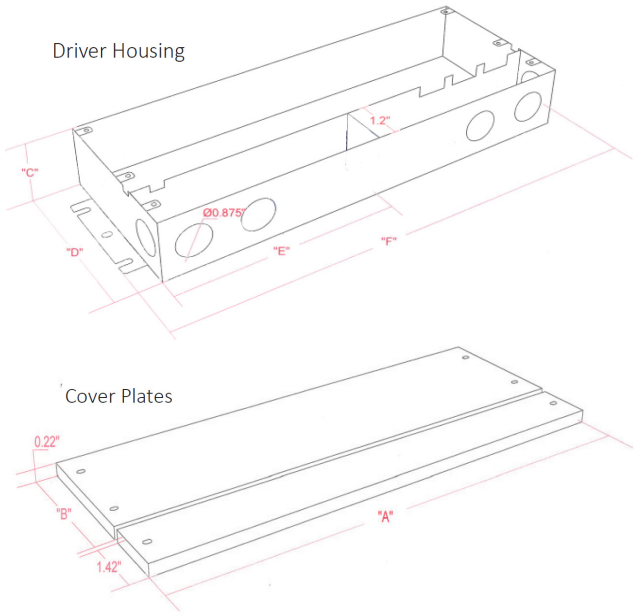
Dimming Features:

• 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 - Specifiy 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.

Profile:



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

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:		Output Wattage:		Dimming:		Options:
	–		–		–	

T/PSU-24

1x30W
1x60W
1x96W
1x120W
1x150W
1x200W
1x300W
2x96W (*)
3x96W (*)
4x96W (*)

(*) Single Input

UNV

POT 0-10V POTENTIOMETER
LUT LUTRON VIVE
CAS CASAMBI MODULE
CP9 9' CORD/PLUG
FLEX 9' MC CABLE FLEX
RAL CUSTOM PAINT

CP9,FLEX and RAL can be included with other options

Refer to Covey Wiring Diagrams for various Dimming Protocols.

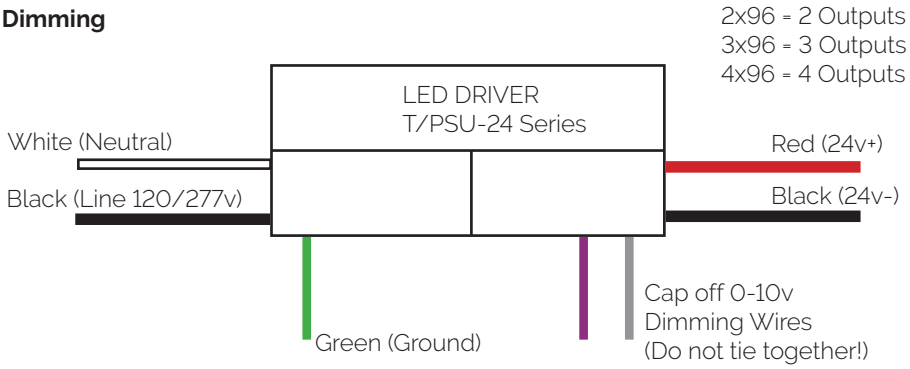
3x96 Shown

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

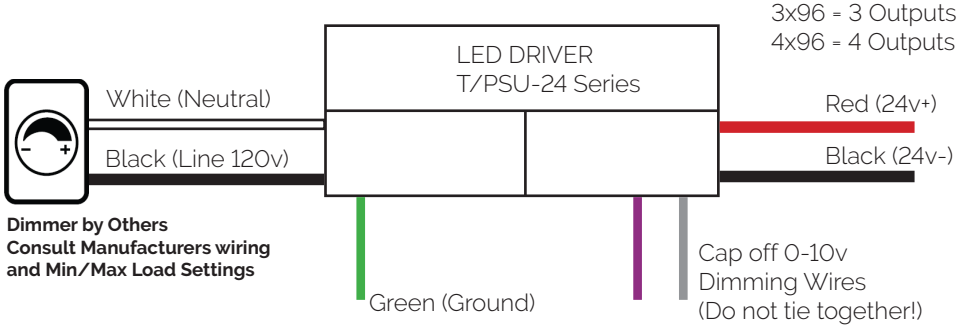
Drivers should be installed in a ventilated space and by a qualified electrician. Local and National Electrical Codes should be followed.

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

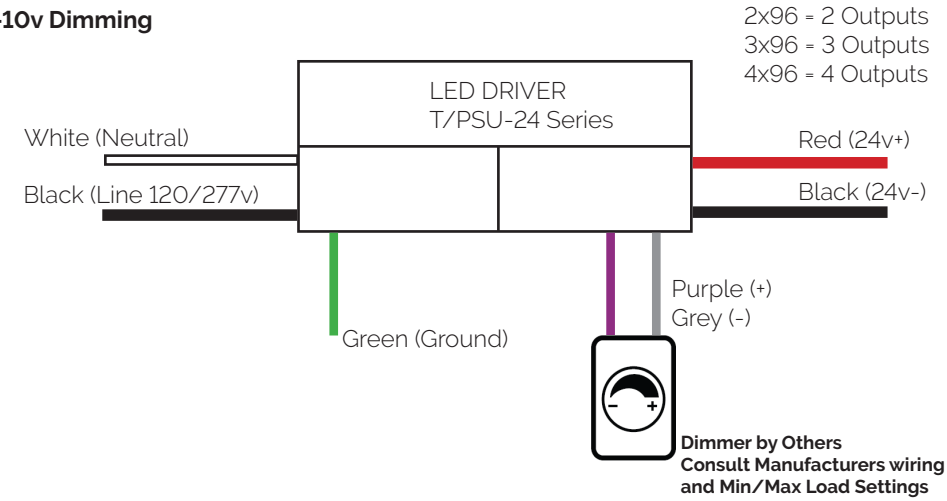
Non Dimming



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