



**FLEX DC® 44** is a high performance flexible LED fixture suitable for use in coves, under cabinets, in shelves, in-grade, and virtually anywhere a linear fixture is required.

## ELECTRICAL

<b>Input Voltage</b>	24VDC
<b>Dimming Options</b>	<ul style="list-style-type: none"> <li>• PURE DC™</li> <li>• MLV</li> <li>• 0-10V</li> <li>• DMX</li> <li>• Lutron (2-WIRE, 3-WIRE, EcoSystem)</li> </ul>
<b>Power Consumption</b>	4.4 Watts per foot
<b>Wire Size</b>	18AWG, 2 wire
<b>Regulatory</b>	<p><b>ETL</b> - Conforms to UL Std. 2108; Certified to CSA Std. C22.2 No. 9.0</p> <p><b>Title 24</b> - Selected models are JA8 2016 compliant when used with 0-10V, DMX, or Lutron Premier dimming. JA8 option must be specified in part number builder below.</p>

## PHYSICAL

<b>Field Cuttable</b>	Every 3.89"
<b>Operating Temperature</b>	-40° C (-40°F) to +70°C (+158°F)
<b>Environment</b>	<p><b>IP40</b> - Dry Location</p> <p><b>IP68</b> - Wet Location</p>
<b>Maximum Run Length</b>	<b>IP40:</b> 21', <b>IP68:</b> 21'
<b>Dimensions (WxH)</b>	<p><b>IP40</b> - 0.38" (9.53mm) x 0.13" (3.18mm)</p> <p><b>IP68</b> - 0.50" (12.7mm) x 0.25" (6.35mm)</p> <p><b>IP68 Endcaps</b> - 0.57" (14.29mm) x 0.38" (9.53mm)</p>

## ACCESSORIES

<b>Mounting Clips</b>	FLEXMNT.SIL.INT, FLEXMNT.SIL.EXT12 (pg. 7)
<b>Channels</b>	Optic Arts® Channel (pg. 3-6)
<b>Connectors</b>	LC-I2P-M, LC-I2P-F, LC-O2P-F, LC-O2P-M (pg. 7)

## LUMEN OUTPUT

<b>2000K</b> (IP40 only)	253.93 lm/ft 56.61 lm/Watt
<b>2400K</b>	320.54 lm/ft 72.85 lm/Watt
<b>2400K JA8 2016</b> (IP40 only) <sup>1</sup>	320.54 lm/ft 72.85 lm/Watt
<b>2700K</b>	367.44 lm/ft 83.51 lm/Watt
<b>3000K</b>	371.09 lm/ft 84.34 lm/Watt
<b>3500K</b>	398.72 lm/ft 90.62 lm/Watt
<b>4100K</b>	392.39 lm/ft 89.18 lm/Watt
<b>6000K</b>	413.68 lm/ft 94.02 lm/Watt

Note: Stated lumen values have a tolerance of +/- 10%.

1: Must be used with 0-10V, DMX, or Lutron Premier dimming.

## PERFORMANCE

<b>CRI</b>	90+
<b>Lumen Maintenance</b>	50,000 Hours
<b>Binning Tolerance</b>	+/- 100K
<b>Warranty</b>	5 years

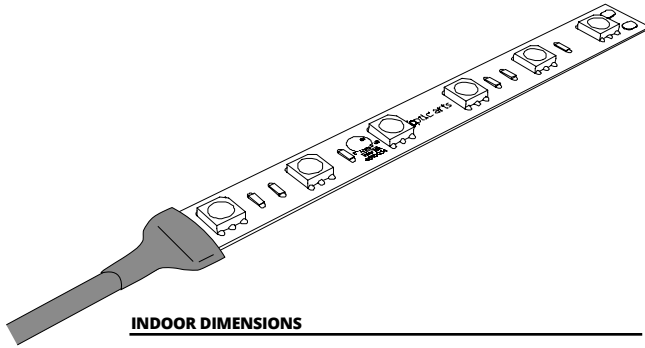
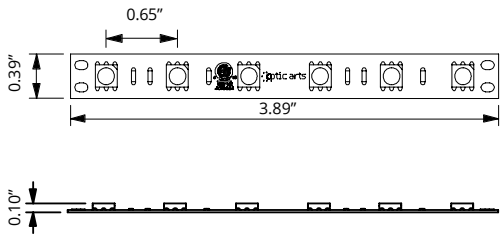
## PART NUMBER BUILDER

SERIES	+	IP RATING	+	COLOR	+	VOLTAGE	+	WATTAGE	+	CONFIGURATION	+	LENGTH										
FLEXDC		<p><b>40</b> = IP40 - Dry Location</p> <p><b>68</b> = IP68 - Wet Location</p>		<p><b>20</b> = 2000K (IP40 Only)</p> <p><b>24</b> = 2400K</p> <p><b>24J</b> = 2400K JA8 2016 (IP40 Only)<sup>1</sup></p> <p><b>27</b> = 2700K</p> <p><b>30</b> = 3000K</p> <p><b>35</b> = 3500K</p> <p><b>41</b> = 4100K</p>		<b>60</b> = 6000K		<b>R</b> = Red		<b>G</b> = Green		<b>B</b> = Blue		<b>A</b> = Amber		<b>24</b> = 24 VDC		<b>44</b> = 4.4W		<p><b>FLC1</b> = FLEX Config 1</p> <p><b>FLC2</b> = FLEX Config 2</p> <p><b>FLC3</b> = FLEX Config 3</p>		<b>XX</b> = Custom Length

<sup>1</sup>: Must be used with 0-10V, DMX, or Lutron Premier dimming.

## DIMENSIONS

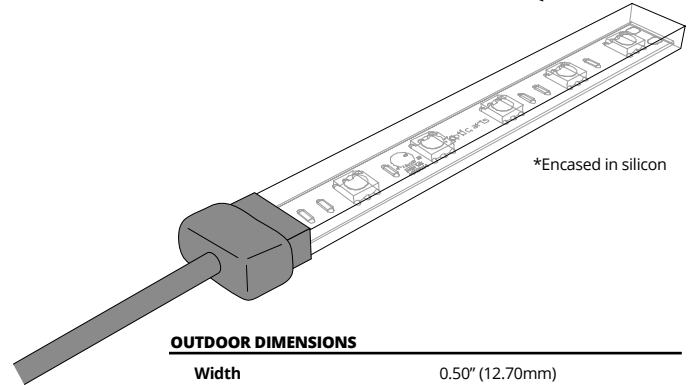
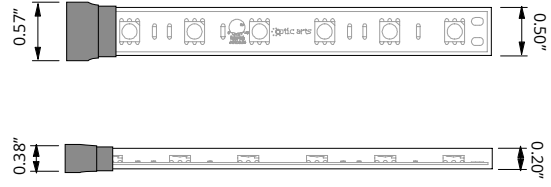
### INDOOR FLEX DC® 44



#### INDOOR DIMENSIONS

<b>Width</b>	0.39" (10.05mm)
<b>Height</b>	0.10" (2.33mm)
<b>Cuttable Segment Length</b>	3.89" (99.00mm)
<b>Pitch Length</b>	0.65" (16.50mm)
<b>Max Run Length</b>	21.00' (6400.80mm)

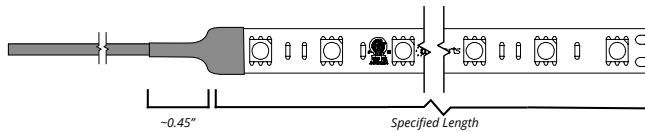
### OUTDOOR FLEX DC® 44



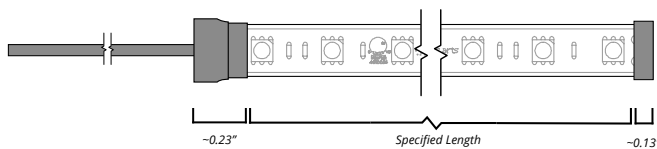
#### OUTDOOR DIMENSIONS

<b>Width</b>	0.50" (12.70mm)
<b>Height</b>	0.20" (5.15mm)
<b>Width (Endcap)</b>	0.57" (14.29mm)
<b>Height (Endcap)</b>	0.38" (9.53mm)
<b>Max Run Length</b>	21.00' (6096.00mm)

### INDOOR FLEX DC® 44



### OUTDOOR FLEX DC® 44



## KEY

### CHANNEL PART NUMBER BREAKDOWN:

CHS	+	R	+	1208
SERIES		APPLICATION		DIMENSIONS
CHS = Slim Channel CHW = Wide Channel		S = Surface Mount R = Recessed Mount C = Corner Mount H = Hanging Mount		XXXX = W x H (mm)

### CHS-R-1208



• Click on channel titles below to access complete channel cut sheets



Not Blended



Blended w/Milky Lens



Center Blend

### CHS-R-1208

Fits IP40 FLEX DC® only



#### MATERIAL

Anodized Aluminum

#### DESCRIPTION

Slim and shallow recessed channel.

#### LENGTH

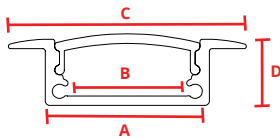
2 meter

#### LENS TYPES

Clear	CHS-12mm-CC
Frosted	CHS-12mm-CF
Milky	CHS-12mm-CM

#### ACCESSORIES

Endcap	CHS-R-1208-EC
Endcap w/hole	CHS-R-1208-ECH



- A:** 0.68" (17.25mm)
- B:** 0.50" (12.59mm)
- C:** 0.98" (25.00mm)
- D:** 0.34" (8.60mm)

### CHS-S-1208

Fits IP40 FLEX DC® only



#### MATERIAL

Anodized Aluminum

#### DESCRIPTION

Slim and shallow surface mounted channel.

#### LENGTH

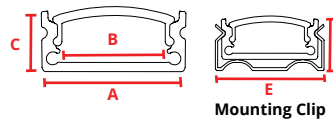
2 meter

#### LENS TYPES

Clear	CHS-12mm-CC
Frosted	CHS-12mm-CF
Milky	CHS-12mm-CM
Grazer	CHS-12mm-CG

#### ACCESSORIES

Endcap	CHS-S-1208-EC
Endcap w/hole	CHS-S-1208-ECH
Mounting Clip	CHS-S-1208-MC
Rotating Mounting Clip	CHS-S-1208-MCR



- A:** 0.68" (17.25mm)
- B:** 0.50" (12.59mm)
- C:** 0.34" (8.60mm)
- D:** 0.40" (12.70mm)
- E:** 0.78" (19.90mm)

### CHS-C-1919

Fits IP40 FLEX DC® only



#### MATERIAL

Anodized Aluminum

#### DESCRIPTION

Slim corner mount channel.

#### LENGTH

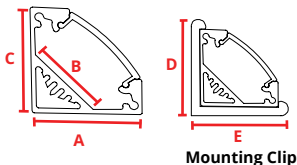
2 meter

#### LENS TYPES

Clear	CHS-12mm-CC
Frosted	CHS-12mm-CF
Milky	CHS-12mm-CM

#### ACCESSORIES

Endcap	CHS-C-1919-EC
Endcap w/hole	CHS-C-1919-ECH
Mounting Clip	CHS-C-1919-MC



- A:** 0.73" (18.50mm)
- B:** 0.48" (12.20mm)
- C:** 0.73" (18.50mm)
- D:** 0.82" (20.82mm)
- E:** 0.82" (20.82mm)

### CHS-R-1715

Fits IP40 FLEX DC® only



#### MATERIAL

Anodized Aluminum

#### DESCRIPTION

Slim and deep recessed channel. Eliminates visible LED nodes when used with FLEXDC 3.0 and milk lens.

#### LENGTH

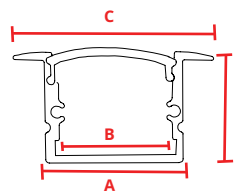
2 meter

#### LENS TYPES

Clear	CHS-12mm-CC
Frosted	CHS-12mm-CF
Milky	CHS-12mm-CM
Grazer	CHS-12mm-CG

#### ACCESSORIES

Endcap	CHS-R-1715-EC
Endcap w/hole	CHS-R-1715-ECH



- A:** 0.68" (17.25mm)
- B:** 0.48" (12.30mm)
- C:** 0.98" (25.00mm)
- D:** 0.59" (15.05mm)

Mounting Options - Compatible Channels



Not Blended



Blended w/Milky Lens

## CHS-S-1715

Fits IP40 FLEX DC® only



### MATERIAL

Anodized Aluminum

### DESCRIPTION

Slim and deep surface mounted channel. Eliminates visible LED nodes when used with FLEXDC 3.0 and milky lens.

### LENGTH

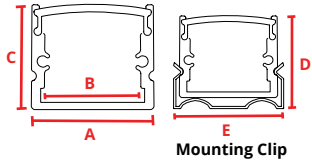
2 meter

### LENS TYPES

Clear	CHS-12mm-CC
Frosted	CHS-12mm-CF
Milky	CHS-12mm-CM
Grazer	CHS-12mm-CG

### ACCESSORIES

Endcap	CHS-S-1715-EC
Endcap w/hole	CHS-S-1715-ECH
Mounting Clip	CHS-S-1715-MC
Rotating Mounting Clip	CHS-S-1715-MCR



- A:** 0.68" (17.25mm)
- B:** 0.48" (12.30mm)
- C:** 0.59" (15.05mm)
- D:** 0.66" (16.76mm)
- E:** 0.78" (19.90mm)

## CHS-C-1616



### MATERIAL

Anodized Aluminum

### DESCRIPTION

Slim corner mount channel with rounded lens.

### LENGTH

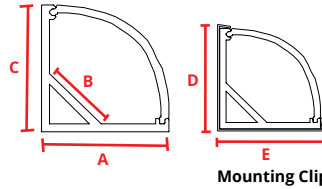
2 meter

### LENS TYPES

Frosted	CHS-C-1616-CF
Milky	CHS-C-1616-CM

### ACCESSORIES

Endcap	CHS-C-1616-EC
Endcap w/hole	CHS-C-1616-ECH
Mounting Clip	CHS-C-1616-MC



- A:** 0.63" (16.00mm)
- B:** 0.39" (10.00mm)
- C:** 0.63" (16.00mm)
- D:** 0.70" (17.78mm)
- E:** 0.70" (17.78mm)

## CHS-S-1922S



### MATERIAL

Anodized Aluminum

### DESCRIPTION

Slim surface mounted channel with square wrap around lens. Mounting clip is fully concealed within fixture base.

### LENGTH

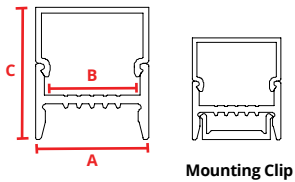
2 meter

### LENS TYPES

Milky	CHW-S-1922S-CM
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### ACCESSORIES

Endcap	CHS-S-1922S-EC
Endcap w/hole	CHS-S-1922S-ECH
Mounting Clip	CHS-S-1922S-MC



- A:** 0.77" (19.50mm)
- B:** 0.65" (16.50mm)
- C:** 0.86" (21.80mm)

## CHS-S-1922R



### MATERIAL

Anodized Aluminum

### DESCRIPTION

Slim surface mounted channel with rounded wrap around lens. Mounting clip is fully concealed within fixture base.

### LENGTH

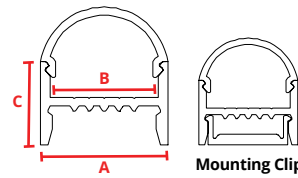
2 meter

### LENS TYPES

Milky	CHW-S-1922R-CM
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### ACCESSORIES

Endcap	CHS-S-1922R-EC
Endcap w/hole	CHS-S-1922R-ECH
Mounting Clip	CHS-S-1922R-MC



- A:** 0.77" (19.50mm)
- B:** 0.65" (16.50mm)
- C:** 0.86" (21.80mm)

## CHW-S-2010



### MATERIAL

Anodized Aluminum

### DESCRIPTION

Low profile surface mounted channel.

### LENGTH

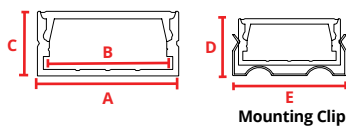
2 meter

### LENS TYPES

Clear	CHW-S-2010-CC
Frosted	CHW-S-2010-CF
Milky	CHW-S-2010-CM

### ACCESSORIES

Endcap	CHW-S-2010-EC
Endcap w/hole	CHW-S-2010-ECH
Mounting Clip	CHW-S-2010-MC
Rotating Mounting Clip	CHW-S-2010-MCR



- A:** 0.93" (23.50mm)
- B:** 0.78" (20.00mm)
- C:** 0.39" (10.00mm)
- D:** 0.48" (12.19mm)
- E:** 1.02" (25.80mm)

## CHW-R-2010



### MATERIAL

Anodized Aluminum

### DESCRIPTION

Recessed wide-profile channel.

### LENGTH

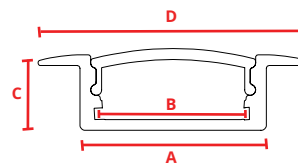
2 meter

### LENS TYPES

Clear	CHW-R-2010-CC
Frosted	CHW-R-2010-CF
Milky	CHW-R-2010-CM

### ACCESSORIES

Endcap	CHW-R-2010-EC
Endcap w/hole	CHW-R-2010-ECH



- A:** 0.93" (23.50mm)
- B:** 0.78" (20.00mm)
- C:** 0.39" (10.00mm)
- D:** 1.19" (30.24mm)

MOUNTING OPTIONS - COMPATIBLE CHANNELS



Not Blended



Blended w/Milky Lens

## CHW-C-3030



### MATERIAL

Anodized Aluminum

### DESCRIPTION

45 degree channel with rounded lens.

### LENGTH

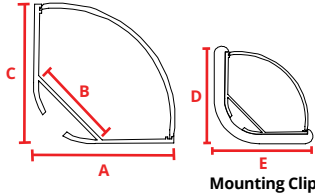
2 meter

### LENS TYPES

Clear	CHW-C-3030-CC
Frosted	CHW-C-3030-CF
Milky	CHW-C-3030-CM

### ACCESSORIES

Endcap	CHW-C-3030-EC
Endcap w/hole	CHW-C-3030-ECH
Mounting Clip	CHW-C-3030-MC



Mounting Clip

- A:** 1.18" (30.00mm)
- B:** 0.78" (20.20mm)
- C:** 1.18" (30.00mm)
- D:** 1.29" (32.77mm)
- E:** 1.29" (32.77mm)

## CHW-C-3030S



### MATERIAL

Anodized Aluminum

### DESCRIPTION

45 degree channel with square lens.

### LENGTH

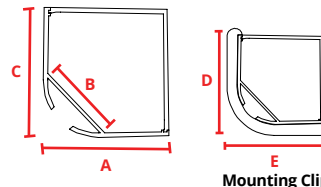
2 meter

### LENS TYPES

Clear	CHW-C-3030S-CC
Frosted	CHW-C-3030S-CF
Milky	CHW-C-3030S-CM

### ACCESSORIES

Endcap	CHW-C-3030S-EC
Endcap w/hole	CHW-C-3030S-ECH
Mounting Clip	CHW-C-3030S-MC



Mounting Clip

- A:** 1.18" (30.00mm)
- B:** 0.78" (20.20mm)
- C:** 1.18" (30.00mm)
- D:** 1.29" (32.77mm)
- E:** 1.29" (32.77mm)

## CHW-S/H-3535



### MATERIAL

Anodized Aluminum

### DESCRIPTION

Wide and deep surface mounted or hanging channel. Eliminates visible LED nodes for most FLEXDC products when used with a milky lens.

### LENGTH

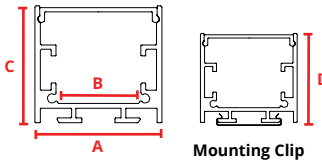
2 meter

### LENS TYPES

Frosted	CHW-35mm-CF
Milky	CHW-35mm-CM

### ACCESSORIES

Endcap	CHW-S-3535-EC
Endcap w/hole	CHW-S-3535-ECH
Mounting Clip	CHW-S-3535-MC
Hanging Hardware	CHW-SH-3535-MW
Bracket Straight	CHW-S-XX35-BS
Bracket 90° Flat	CHW-S-XX35-B90F
Bracket 90° Raised	CHW-S-XX35-B90R
End Cap for FLEX AC	CHW-S-3535-ECAC
Mounting Clip for FLEX AC	CHW-S-3535-MCAC
VHB Tape	VHBTAPE.AC



Mounting Clip

- A:** 1.39" (35.25mm)
- B:** 0.96" (24.50mm)
- C:** 1.39" (35.25mm)
- D:** 1.54" (39.00mm)

\*Must specify for hanging or surface mount application.

## CHW-R-4435



### MATERIAL

Anodized Aluminum

### DESCRIPTION

Wide and deep recessed channel. Eliminates visible LED nodes for most FLEXDC products when used with a milky lens. Can be securely and conveniently mounted with CHW-R-4435-SC spring clip.

### LENGTH

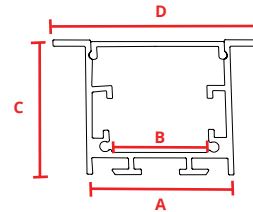
2 meter

### LENS TYPES

Frosted	CHW-35mm-CF
Milky	CHW-35mm-CM

### ACCESSORIES

Endcap	CHW-R-4435-EC
Endcap w/hole	CHW-R-4435-ECH
Mounting Clip	CHW-R-4435-SC
Bracket Straight	CHW-S-XX35-BS
Bracket 90° Flat	CHW-S-XX35-B90F
Bracket 90° Raised	CHW-S-XX35-B90R
End Cap for FLEX AC	CHW-R-4435-ECAC
Mounting Clip for FLEX AC	CHW-R-4435-MCAC
VHB Tape	VHBTAPE.AC



- A:** 1.39" (35.25mm)
- B:** 0.96" (24.50mm)
- C:** 1.39" (35.25mm)
- D:** 2.00" (51.04mm)

## CHW-S/H-2027



### MATERIAL

Anodized Aluminum

### DESCRIPTION

Small surfaced mounted or hanging channel with wrap around lens.

### LENGTH

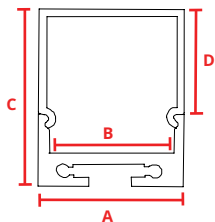
2 meter

### LENS TYPES

Clear	CHW-SH-2027-CC
Frosted	CHW-SH-2027-CF
Milky	CHW-SH-2027-CM

### ACCESSORIES

Endcap	CHW-SH-2027-EC
End Cap w/hole	CHW-SH-2027-ECH
Hanging Hardware	CHW-SH-MW
Bracket Straight	CHW-SH-BS
Bracket 90° Flat	CHW-SH-B90F
Bracket 90° Raised	CHW-SH-B90R



- A:** 0.79" (20.30mm)
- B:** 0.66" (16.70mm)
- C:** 1.06" (27.00mm)
- D:** 0.76" (19.50mm)

\*Must specify for hanging or surface mount application.

## CHW-S/H-3561



### MATERIAL

Anodized Aluminum

### DESCRIPTION

Large surface mounted or hanging channel with wrap around lens.

### LENGTH

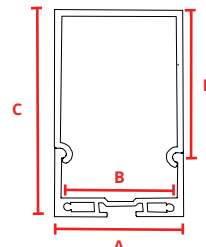
2 meter

### LENS TYPES

Milky	CHW-SH-3561-CM
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### ACCESSORIES

Endcap	CHW-SH-3561-EC
End Cap w/hole	CHW-SH-3561-ECH
Hanging Hardware	CHW-SH-MW
Bracket Straight	CHW-SH-BS
Bracket 90° Flat	CHW-SH-B90F
Bracket 90° Raised	CHW-SH-B90R



- A:** 1.38" (35.00mm)
- B:** 1.24" (31.40mm)
- C:** 2.43" (61.70mm)
- D:** 1.57" (39.90mm)

\*Must specify for hanging or surface mount application.

MOUNTING OPTIONS - COMPATIBLE CHANNELS



Not Blended



Blended w/Milky Lens

## CHW-S/H-7532



### MATERIAL

Anodized Aluminum

### DESCRIPTION

Wide surface mounted or hanging channel with flat lens.

### LENGTH

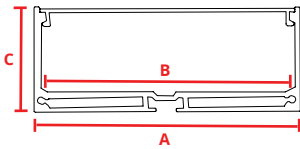
2 meter

### LENS TYPES

Frosted CHW-SH-7532-CF

### ACCESSORIES

Endcap CHW-SH-7532-EC  
 Endcap w/hole CHW-SH-7532-ECH  
 Hanging Hardware CHW-SH-MW  
 Bracket Straight CHW-SH-BS  
 Bracket 90° Flat CHW-SH-B90F  
 Bracket 90° Raised CHW-SH-B90R



**A:** 2.95" (75.00mm)  
**B:** 2.52" (64.00mm)  
**C:** 1.26" (32.00mm)

\*Must specify for hanging or surface mount application.

## CHW-S-2623



### MATERIAL

Anodized Aluminum

### DESCRIPTION

Surface mounted channel with wrap around lens.

### LENGTH

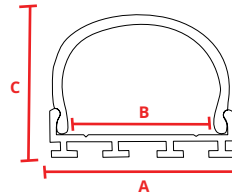
2 meter

### LENS TYPES

Milky CHW-S-2623-CM

### ACCESSORIES

Endcap CHW-S-2623-EC  
 Endcap w/hole CHW-S-2623-ECH



**A:** 1.03" (26.20mm)  
**B:** 0.80" (20.35mm)  
**C:** 0.89" (22.76mm)

## CHW-S/H-3030



### MATERIAL

Anodized Aluminum

### DESCRIPTION

Wide and deep surface mounted or hanging channel with flat lens for even blending.

### LENGTH

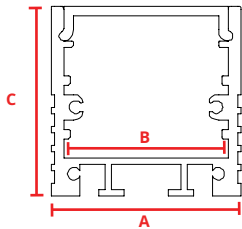
2 meter

### LENS TYPES

Milky CHW-SH-3030-CM

### ACCESSORIES

Endcap CHW-SH-3030-EC  
 Endcap w/hole CHW-SH-3030-ECH  
 Hanging Hardware CHW-SH-MW  
 Bracket Straight CHW-SH-BS  
 Bracket 90° Flat CHW-SH-B90F  
 Bracket 90° Raised CHW-SH-B90R  
 End Cap for FLEX AC CHW-SH-3030-ECAC  
 Mounting Clip for FLEX AC CHW-SH-3030-MCAC  
 VHB Tape VHBTAPE.AC



**A:** 1.18" (30.00mm)  
**B:** 1.01" (25.60mm)  
**C:** 1.18" (30.00mm)

\*Must specify for hanging or surface mount application.

## CHC-S-1921

Fits IP40 FLEXDC only



### MATERIAL

Anodized Aluminum

### DESCRIPTION

Surface mount channel with flat lens. Mounts to ferrous and non-ferrous surfaces using magnets with no visible fasteners once mounted.

### LENGTH

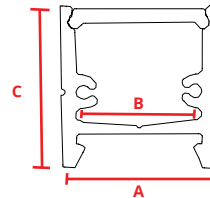
2 meter

### LENS TYPES

Milky CHC-S-1921-CM

### ACCESSORIES

Anodized Aluminum Endcap CHC-S-1921-EC  
 Anodized Aluminum Endcap w/hole CHC-S-1921-ECH  
 Channel Mounted Magnet CHC-S-1921-MA  
 Wall Mounted Magnet CHC-S-1921-M  
 1" Mounting Plate CHC-S-1921-B1

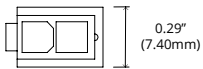
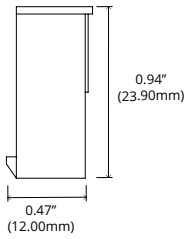
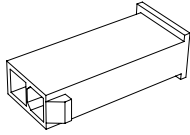


**A:** 0.76" (19.43mm)  
**B:** 0.55" (14.09mm)  
**C:** 0.84" (21.43mm)

## ACCESSORIES

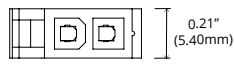
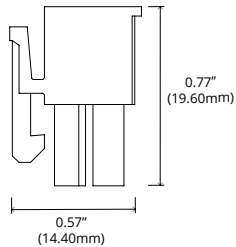
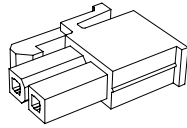
### LC-I2P-M

Indoor Lead Connector  
(Male)



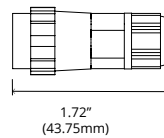
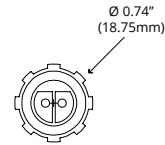
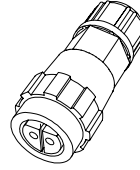
### LC-I2P-F

Indoor Lead Connector  
(Female)



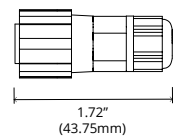
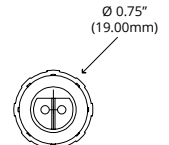
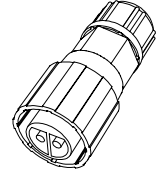
### LC-O2P-F

Outdoor Lead Connector  
(Female)



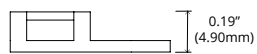
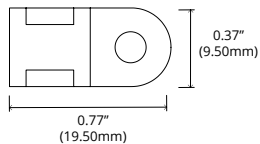
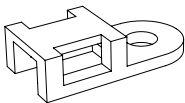
### LC-O2P-M

Outdoor Lead Connector  
(Male)



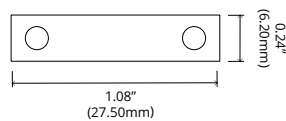
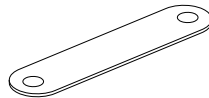
### FLEX.ZIP

Strain Relief Clip



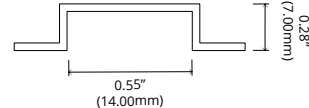
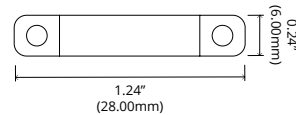
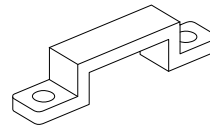
### FLEXMNT.SIL.INT

Indoor Mounting Clip



### FLEXMNT.SIL.EXT12

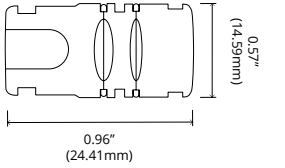
Outdoor Mounting Clip



## ACCESSORIES

### FLEXDC.PFC.02.10

Field installed FLEX Connect® power feed  
- 2 Conductor for 10mm Strip

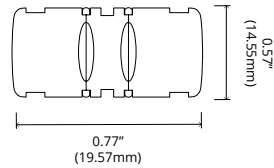


Fits in all channel **except:**

- CHS-R-1208
- CHS-S-1208
- CHS-R-1715
- CHS-S-1715
- CHS-C-1919
- CHS-C-1616
- CHC-S-1921
- CHSP-R-2970
- CHSP-S-1618
- CHSP-STEP-8142

### FLEXDC.BSC.02.10

Field installed FLEX Connect® butt splice -  
2 Conductor for 10mm Strip

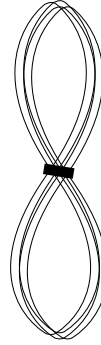


Fits in all channel **except:**

- CHS-R-1208
- CHS-S-1208
- CHS-R-1715
- CHS-S-1715
- CHS-C-1919
- CHS-C-1616
- CHC-S-1921
- CHSP-R-2970
- CHSP-S-1618
- CHSP-STEP-8142

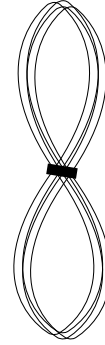
### LO-18G-2C-W-72

6' wire lead for FLEX Connect®  
(not in-wall rated)



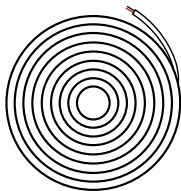
### LP-18G-2C-W-72

6' Plenum rated wire lead for  
FLEX Connect®



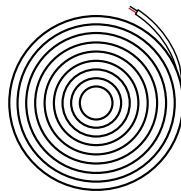
### LO-18G-2C-W-SP

1000' spool of wire for  
FLEX Connect® (not in-wall rated)



### LP-18G-2C-W-SP

500' box of Plenum rated wire for  
FLEX Connect®

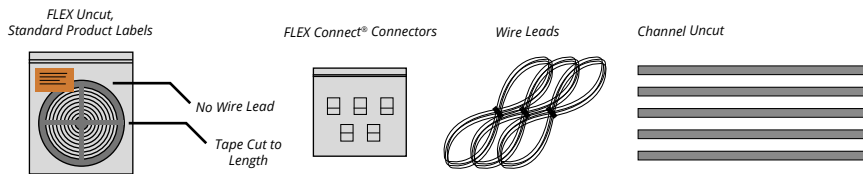




## CONFIGURATION TYPES

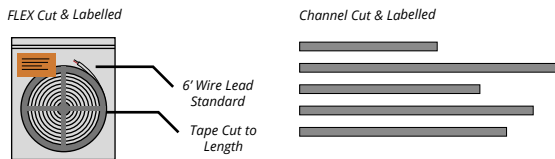
### ① FLEX cut to length with FLEX Connect® Power Feeds for Field Termination, Channel uncut for field cutting

- Specify **FLEXConfig-1**
- Specify FLEX type and channel type
- FLEX factory cut to length, but not terminated
- One FLEX Connect® power feed connector and 6' lead provided per FLEX run
  - Uncut rolls of lead wire can also be provided (see page 8 for part #)
- Channel shipped uncut for field cutting.
- Specify number of butt splices (not shown - see page 8)
- IP68 not available in **FLEXConfig-1**
- JA8 2016 not available in **FLEXConfig-1**
- **FLEXConfig-1** is quick ship if run lengths are provided at time of order. Take offs, if needed, will add lead time.
- The below channels are **NOT** compatible with FLEX Connect®:
  - Slim:**
    - CHS-R-1208
    - CHS-S-1208
    - CHS-R-1715
    - CHS-S-1715
    - CHS-C-1616
    - CHC-S-1921
  - Specialty:**
    - CHSP-R-2970
    - CHSP-S-1618
    - CHSP-STEP-8142



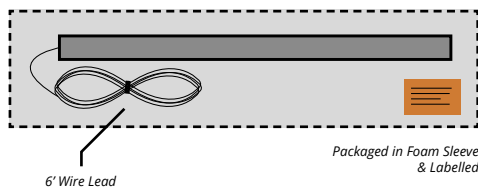
### ② Cut To Length With Soldered Leads, Assemble On-Site<sup>1,2,3</sup>

- Specify **FLEXConfig-2**
- Specify FLEX type and channel type
- Specify run lengths
- IP68 only available in **FLEXConfig-2**
- If no config is specified, and run lengths are provided, **FLEXConfig-2** will be used



### ③ Pre-Assembled Factory Finished Fixtures<sup>1,2</sup>

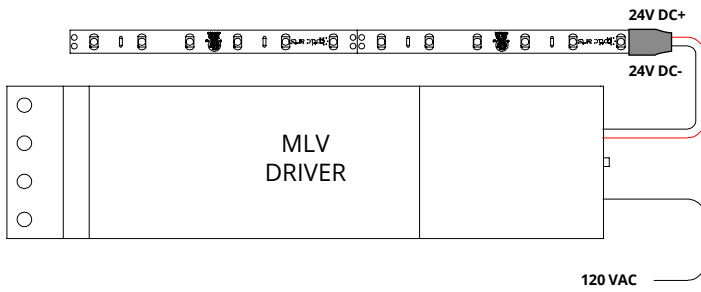
- Specify **FLEXConfig-3**
- Fully assembled fixture
- ETL stamped and listed as a fixture
- 6.50' max length
- Standard 6' power lead unless otherwise specified
- The below channels **CANNOT** be factory assembled:
  - Slim:**
    - CHS-R-1208
    - CHS-R-1715
  - Wide:**
    - CHW-R-2010
    - CHW-S-2027
    - CHW-S-7532
    - CHW-S-2623
    - CHW-S-3030
    - CHW-S-3561



#### NOTES:

1. Due to the nature of the FLEX DC® product, specific lengths may not fall exactly on a cutting point. In this case, Optic Arts® will always cut to the smaller dimension unless otherwise specified.
2. Unless otherwise specified, channel is cut 15mm longer than FLEX DC®.
3. Some on-site assembly required. See installation guides for details.

## COMPATIBLE DRIVERS



## MLV (MLV)

PART	DESCRIPTION
ML10S24VDC	10W 120VAC DIMMABLE DRIVER
ML20S24VDC	20W 120VAC DIMMABLE DRIVER
ML35S24VDC	35W 120VAC DIMMABLE DRIVER
ML35S24VDC-277	35W 277VAC DIMMABLE DRIVER
ML40S24VDC	40W 120VAC DIMMABLE DRIVER
ML50S24VDC	50W 120VAC DIMMABLE DRIVER
ML50S24VDC-277	50W 277VAC DIMMABLE DRIVER
ML60S24VDC	60W 120VAC DIMMABLE DRIVER
ML75S24VDC	75W 120VAC DIMMABLE DRIVER
ML75S24VDC-277	75W 277VAC DIMMABLE DRIVER
ML96S24VDC	96W 120VAC DIMMABLE DRIVER
ML96S24VDC-277	96W 277VAC DIMMABLE DRIVER
EM2-200S24DC	200W 120VAC DIMMABLE DRIVER, 2 96W CIRCUITS
EM3-300S24DC	300W 120VAC DIMMABLE DRIVER, 3 96W CIRCUITS
EM2-200S24DC-277	200W 120VAC DIMMABLE DRIVER, 2 96W CIRCUITS
EM3-300S24DC-277	288W 120VAC DIMMABLE DRIVER, 3 96W CIRCUITS

### DIMENSIONS

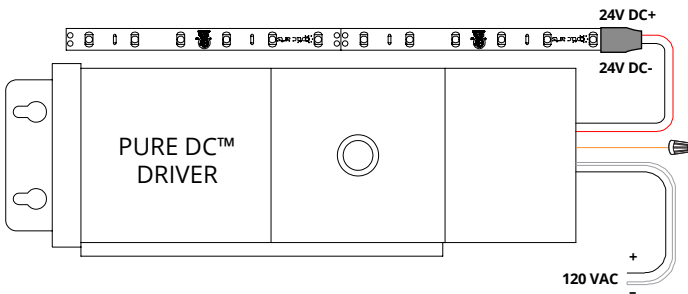
10W-50W	H 2.11"; W 7.38"; D 1.60"
60W-96W	H 3.93"; W 8.13"; D 1.59"
200-300W	H 5.69"; W 10.29"; D 3.13"

### DIMMING PERFORMANCE

MLV DRIVER Dims to 20% on most MLV dimmers

NOTE: Must be loaded between 75%-100% of rated load to maintain FLEX DC® warranty

### 120 VAC WIRING



## PURE DC™ MLV (PDC)

PART	DESCRIPTION
PDC.40.24	40W 120/277VAC PURE DC™ MLV DIMMABLE DRIVER
PDC.96.24	96W 120/277VAC PURE DC™ MLV DIMMABLE DRIVER

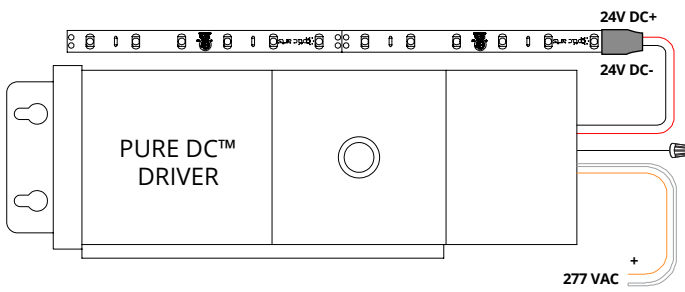
### DIMENSIONS

40W	L 14.25"; W 3.00"; H 2.88"
96W	L 14.75"; W 4.31"; H 4.81"

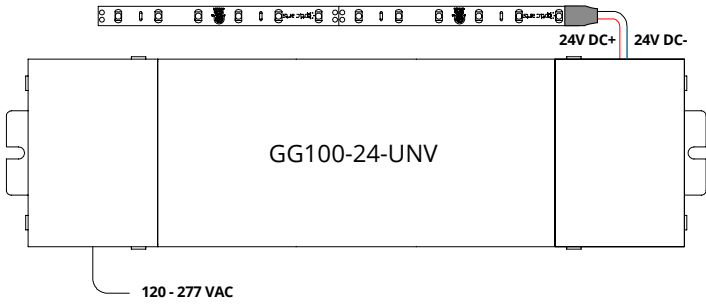
### DIMMING PERFORMANCE

PURE DC™ DRIVER Dims to 0.1% on most MLV dimmers

### 277 VAC WIRING

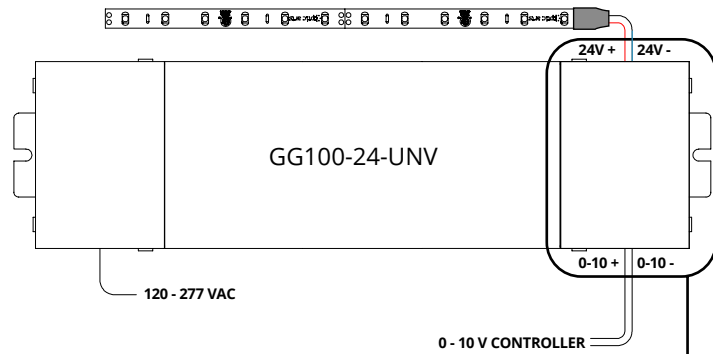


**COMPATIBLE DRIVERS**



## ELECTRONIC DRIVER - NON-DIM (ND)

PART	DESCRIPTION
GG100E-24-UNV	96W 120-277VAC ELECTRONIC DRIVER
<b>DIMENSIONS</b>	
ELECTRONIC DRIVER	H 3.00"; W 11.46"; D 1.30"
<b>DIMMING PERFORMANCE</b>	
ELECTRONIC DRIVER	Non-Dim

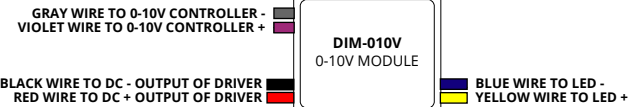


## ELECTRONIC DRIVER W/0-10V MODULE (010)

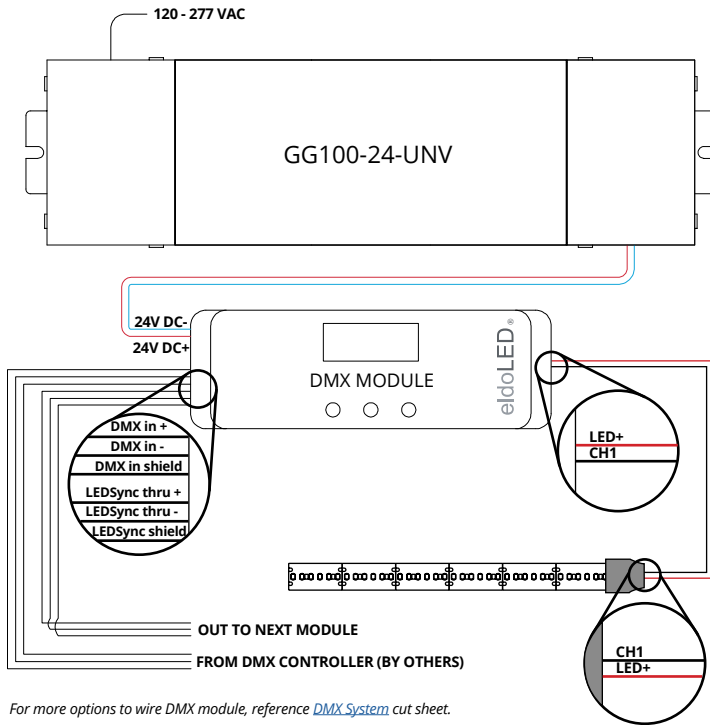
PART	DESCRIPTION
GG100E-24-UNV-010V	96W 120-277VAC ELECTRONIC DRIVER WITH 0-10V DIMMING MODULE (SINK)
<b>DIMENSIONS</b>	
ELECTRONIC DRIVER - 0-10V	H 3.00"; W 11.46"; D 1.30"
<b>DIMMING PERFORMANCE</b>	
ELECTRONIC DRIVER - 0-10V	Dims below 1% on most 0-10V dimmers

**FIELD INSTALLED IN LOW VOLTAGE WIRING COMPARTMENT**

- Install DIM-010V Module in low voltage wiring compartment.
- Max number of 25 modules on one dimmer. Consult dimmer datasheet for maximum device limitation of a specific controller.



**COMPATIBLE DRIVERS**



For more options to wire DMX module, reference [DMX System](#) cut sheet.

## ELECTRONIC DRIVER W/DMX MODULE (DMX)

PART	DESCRIPTION
GG100E-24-UNV-DMX	96W 120-277VAC ELECTRONIC DRIVER WITH eldoLED DMX DIMMING MODULE

**DIMENSIONS**

96W	H 3.00"; W 11.46"; D 1.30"
DMX MODULE	H 1.97"; W 6.02"; D 0.91"

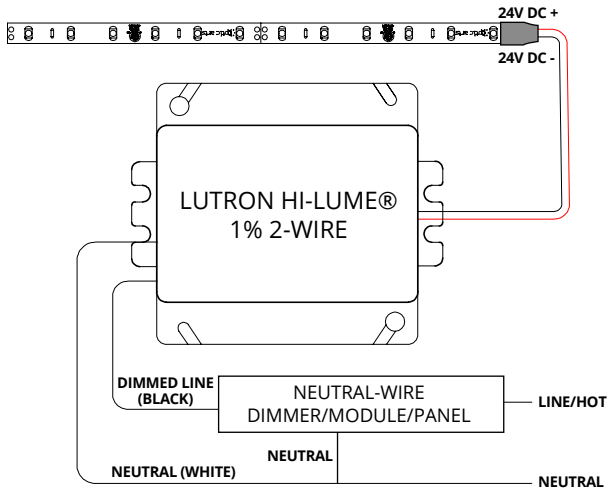
\*Must be installed in UL box (by others)

**DIMMING PERFORMANCE**

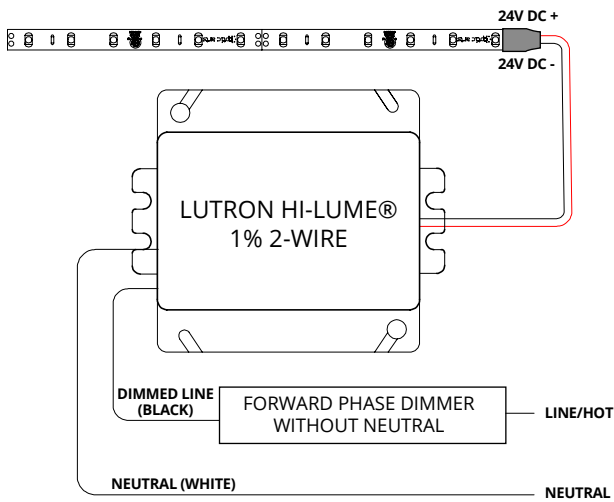
ELECTRONIC DRIVER - DMX MODULE	Dims to 0.1% on most DMX systems
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COMPATIBLE DRIVERS

### DIMMER WITH NEUTRAL



### DIMMER WITHOUT NEUTRAL



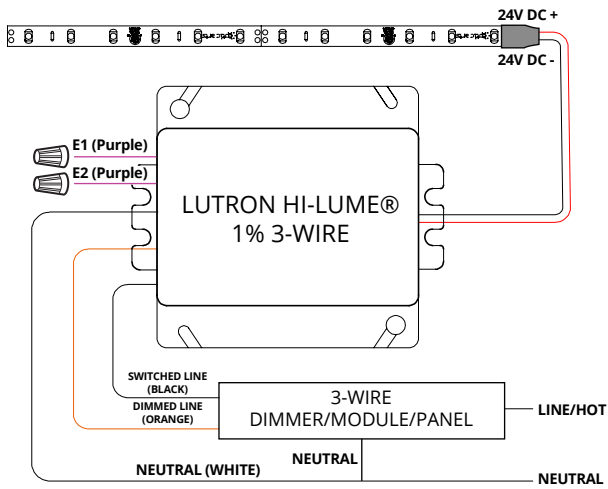
### LUTRON HI-LUME® 1% 2-WIRE: 2-WIRE CONTROL FORWARD PHASE



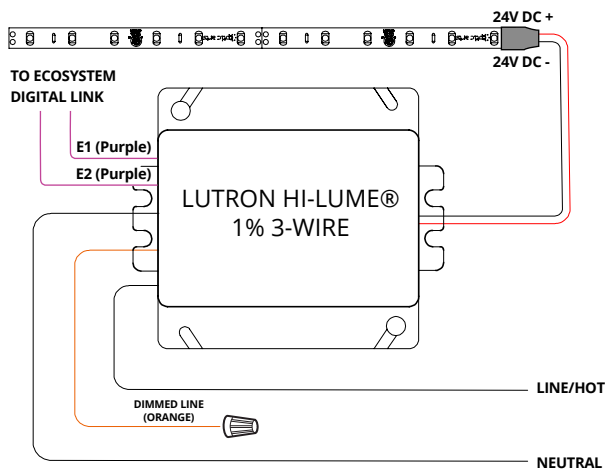
PART	DESCRIPTION
LTEA4U1UKL-CV240	5-40W, 120VAC, 2-WIRE FORWARD PHASE DRIVER
DIMENSIONS	
HI-LUME® 1% 2-WIRE	H 4.00"; W 4.89"; D 2.62"
DIMMING PERFORMANCE	
LUTRON HI-LUME® 1% 2-WIRE	Dims to 1% with compatible Lutron controls

COMPATIBLE DRIVERS

### 3-WIRE



### ECOSYSTEM



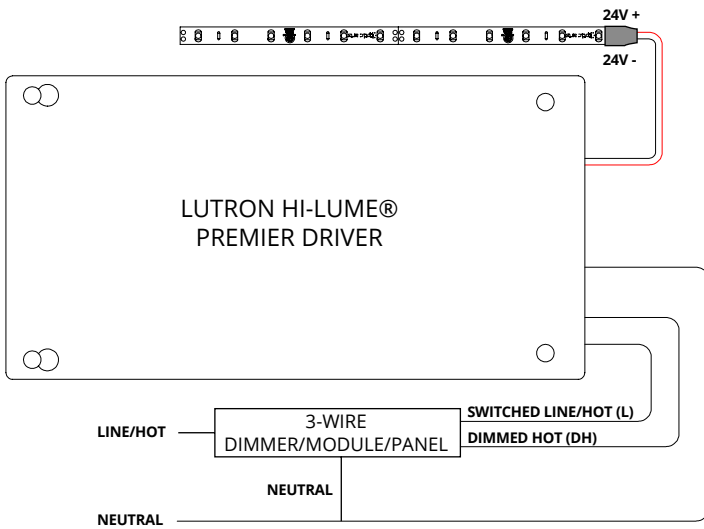
### LUTRON HI-LUME® 1%: 3-WIRE/ECOSYSTEM



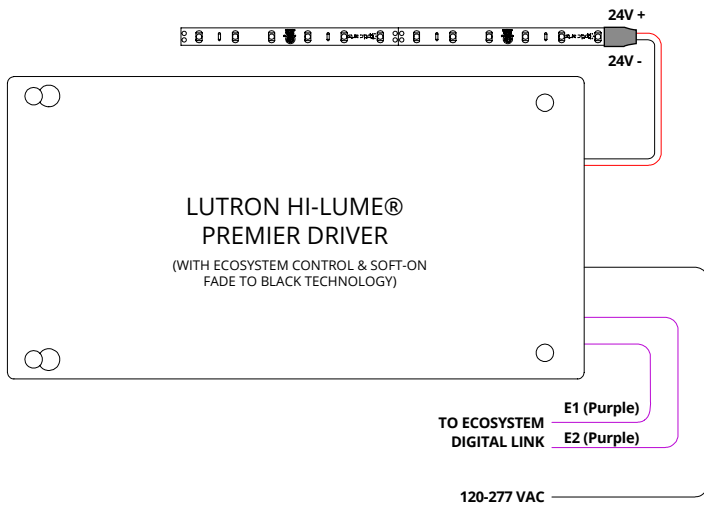
PART	DESCRIPTION
L3DA4U1UKL-CV240	5-40W, 120-277VAC, 3-WIRE/ECOSYSTEM DRIVER
DIMENSIONS	
HI-LUME® 1%	H 4.00"; W 4.89"; D 2.62"
DIMMING PERFORMANCE	
LUTRON HI-LUME® 1% 3-WIRE/ECOSYSTEM	Dims to 1% with compatible Lutron controls

COMPATIBLE DRIVERS

### 3-WIRE



### ECOSYSTEM



### LUTRON HI-LUME® PREMIER: 3-WIRE/ECOSYSTEM



PART	DESCRIPTION
L3D0-96W24V-U	2-96W, 120-277VAC, 3-WIRE/ECOSYSTEM DRIVER

DIMENSIONS	
HI-LUME® PREMIER	H 5.5"; W 10.5"; D 2.0"

DIMMING PERFORMANCE	
LUTRON HI-LUME® PREMIER	Dims to 0.1% with compatible Lutron controls
<i>NOTE: Lutron soft-on, fade to black technology available with Ecosystem Digital Control only.</i>	