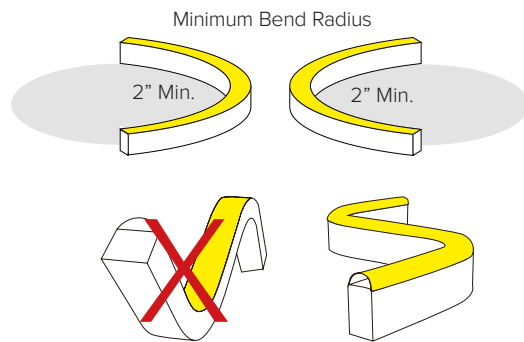
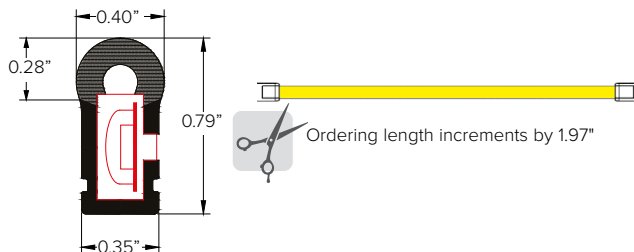


### KEY FEATURES

- Energy efficient LED flexible light strip for continuous consistent monochromatic color in linear applications.
- Extremely flexible and adjustable lengths for varied architectural applications.
- Available as top-bend spherical profile for curved applications.
- Manufactured to specified lengths with factory attached end preps and various connector options for project requirements and efficient power configurations.
- Max continuous length: up to 30' per run (2.8W/ft)  
up to 20' per run (4.2W/ft)
- Multiple dimming options available.



### DIMENSIONAL DRAWINGS



#### FIXTURE DATA

Model	Efficacy* Lm/Wt	Lm/Ft (2.8W/FT)	Lm/Ft (4.2W/FT)
2700K	41	116	174
3000K	44	122	183
3500K	44	122	183
4000K	46	128	192

\* Meets Title 24 High efficacy rating.

#### LED DATA

Model	Wt/LED	Lifespan at 90% drive
2.8W/ft	0.08W	50,000hrs
4.2W/ft	0.13W	50,000hrs

\* LEDs operating at 90% of LED manufacturers maximum current rating.



### DETAILS

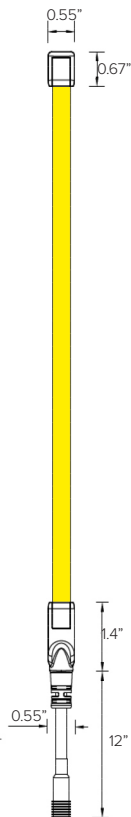
<b>Spacing</b>	0.33" O.C. LED Spacing
<b>LEDs</b>	36 LEDs per foot
<b>Wattage</b>	2.8W/ft / 4.2W/ft
<b>Color Temp</b>	2700K / 3000K / 3500K / 4000K / Red 630nm / Green 530nm / Blue 470nm / Yellow 590nm / Orange 605nm
<b>Color Consistency</b>	Advanced LED binning with +/- 2-step MacAdam Ellipses
<b>CRI</b>	+95 CRI
<b>End Preps</b>	Factory attached end preps available (See Page 2).
<b>Field Cuts</b>	See page 2 for manufacturer cut zones.
<b>Mounting</b>	Mounting clip or aluminum mounting channel options.
<b>Lens Options</b>	Extruded Silicone with Milky White diffusion lens with 173° visibility.
<b>Installation</b>	Factory manufactured lengths with 12" IP65 connection lead with 12" power feed. To be completed with clip or channel mountings. Ordering lengths increments by 1.97". Minimum bend diameter 2in.
<b>Power Supply</b>	Listed Class 2 output, 24V DC power supply required
<b>Certifications</b>	cULus Class 2 Listed Tested in accordance with LM-79-08 Energy efficient for California installations.
<b>Compliance</b>	ROHS compliant MRI Safe, driver to be mounted outside of MRI room. To be use with plastic or aluminum profiles only. To be installed with adhesive or MRI safe hardware only, no factory provided mounting hardware to be used.
<b>Warranty</b>	5 year warranty

PRODUCT CODE	PROFILE	WATTAGE	IP RATING	COLOR TEMP	VOLTAGE	+	END PREP	+	MOUNTING	+	POWER SUPPLY
DFN — DuraFlex Neon™	SB — SIDE Flex	42 — 4.2W/ft (White ONLY)	O — Outdoor IP65	27 — 2700K 30 — 3000K 35 — 3500K 40 — 4000K RD — Red 630nm GR — Green 530nm BL — Blue 470nm YL — Yellow 590nm OR — Orange 605nm	24 — 24V DC						
		28 — 2.8W/ft (White or Color)									

2200K and 2400K available upon request.

## Required End Preps

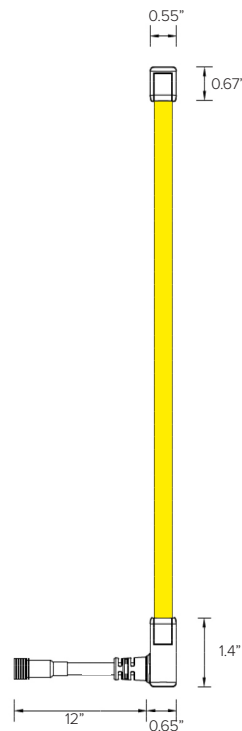
**A**



### KT09UVL1

SIDE Flex straight end feed. Factory attached opaque white polycarbonate plastic lead with two piece 12" wire, with IP65 quick disconnect at one end of product and dead end cap at other end. Lead wire/dead end allows for connection to power at lead end and field trim of DuraFlex product at the other end. Completed with factory attached opaque white polycarbonate plastic end cap.

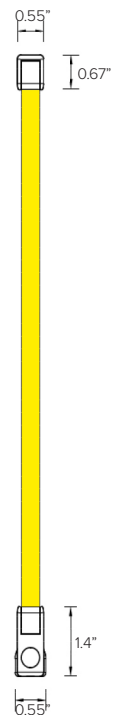
**B**



### KT09UVL2

SIDE Flex side feed. Factory attached opaque white polycarbonate plastic lead with two piece 12" wire, with IP65 quick disconnect at one end of product and dead end cap at other end. Lead wire/dead end allows for connection to power at lead end and field trim of DuraFlex product at the other end. Completed with factory attached opaque white polycarbonate plastic end cap.

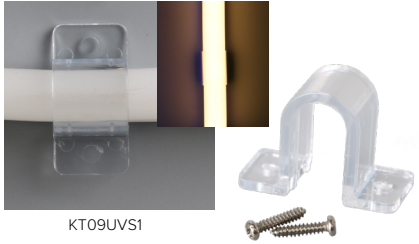
**C**



### KT09UVL3

SIDE Flex bottom feed. Factory attached opaque white polycarbonate plastic lead with two piece 12" wire, with IP65 quick disconnect at one end of product and dead end cap at other end. Lead wire/dead end allows for connection to power at lead end and field trim of DuraFlex product at the other end. Completed with factory attached opaque white polycarbonate plastic end cap.

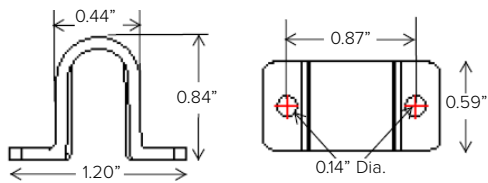
## MOUNTING ACCESSORIES



KT09UVS1

### KT09UVS1

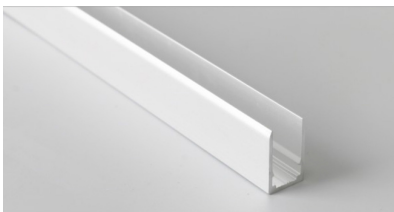
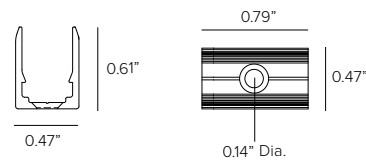
SIDE Flex Transparent clips kit. Includes 5 clips and 10 screws.



KT09UVC1

### KT09UVC1

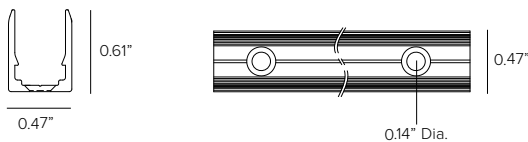
SIDE Flex Bottom fixing clips. Includes 5 clips and 5 screws.



KT09UVP1

### KT09UVP1

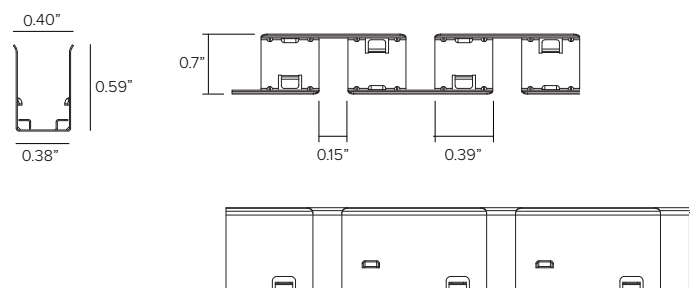
SIDE Flex 1 pcs of aluminum channel length 38in and 2 screws (termination end prep rest outside of the channel).



KTUVFP2

### KTUVFP2

SIDE Flexible stamped stainless steel profile secured with screws, 1ea provided per foot. Available in 1ft lengths.



Power Supply (REQUIRED)	Type	Wattage	Input/Output Voltage	Dimmable	IP Rating	Output	Dimensions
<b>DMLE301242UD</b>	EMCOD MLE ELECTRONIC UNIVERSAL DIMMING DRIVER WITH WIRING COMPARTMENT.	30W	120-277V / 24V	MLV / ELV / 0-10V / TRIAC	NEMA3R ENCLOSURE	UL CLASS 2	4.47" X 6.79" X 1.38"
<b>DMLE601242UD</b>	EMCOD MLE ELECTRONIC UNIVERSAL DIMMING DRIVER WITH WIRING COMPARTMENT.	60W	120-277V / 24V	MLV / ELV / 0-10V / TRIAC	NEMA3R ENCLOSURE	UL CLASS 2	4.47" X 6.79" X 1.38"
<b>DMLE961242UD</b>	EMCOD MLE ELECTRONIC UNIVERSAL DIMMING DRIVER WITH WIRING COMPARTMENT.	96W	120-277V / 24V	MLV / ELV / 0-10V / TRIAC	NEMA3R ENCLOSURE	UL CLASS 2	5.16" X 7.73" X 1.54"
<b>DMLE1922242UD</b>	EMCOD MLE ELECTRONIC UNIVERSAL DIMMING DRIVER WITH WIRING COMPARTMENT.	2X96W	120-277V / 24V	MLV / ELV / 0-10V / TRIAC	NEMA3R ENCLOSURE	UL CLASS 2	5.04" X 10.94" X 1.81"
<b>DMLE2882242UD</b>	EMCOD MLE ELECTRONIC UNIVERSAL DIMMING DRIVER WITH WIRING COMPARTMENT.	3X96W	120-277V / 24V	MLV / ELV / 0-10V / TRIAC	NEMA3R ENCLOSURE	UL CLASS 2	5.04" X 10.94" X 1.81"
<b>DEL60PWM</b>	MEANWELL ELECTRONIC STANDALONE PWM DRIVER, <b>UL LISTED ENCLOSURE PROVIDED BY OTHERS.</b>	60W	120-277V / 24V	0-10V <10%	IP67	UR CLASS 2	5.9" X 2.09" X 1.38"
<b>DELX601241CPWM</b>	MEANWELL ELECTRONIC PWM DRIVER.	60W	120-277V / 24V	0-10V <10%	IP67 DRIVER IN NEMA3R ENCLOSURE	UL CLASS 2	10" x 10" x 4"†
<b>DEL90PWM</b>	MEANWELL ELECTRONIC STANDALONE PWM DRIVER, <b>UL LISTED ENCLOSURE PROVIDED BY OTHERS.</b>	90W	120-277V / 24V	0-10V <10%	IP67	UR CLASS 2	6.73" X 2.48" X 1.48"
<b>DELX901241CPWM</b>	MEANWELL ELECTRONIC PWM DRIVER.	90W	120-277V / 24V	0-10V <10%	IP67 DRIVER IN NEMA3R ENCLOSURE	UL CLASS 2	10" x 10" x 4"†
<b>DELX1802242CPWM</b>	MEANWELL ELECTRONIC PWM DRIVER.	2X90W	120-277V / 24V	0-10V <10%	IP67 DRIVER IN NEMA3R ENCLOSURE	UL CLASS 2	12" x 12" x 4"†
<b>DELX2703243CPWM</b>	MEANWELL ELECTRONIC PWM DRIVER.	3X90W	120-277V / 24V	0-10V <10%	IP67 DRIVER IN NEMA3R ENCLOSURE	UL CLASS 2	12" x 12" x 4"†
<b>DMLV40124D</b>	MAGNETIC LOW VOLTAGE TRANSFORMER	40W	120V / 24V	MLV DIMMING < 1%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59"†
<b>DMLV60124D</b>	MAGNETIC LOW VOLTAGE TRANSFORMER	60W	120V / 24V	MLV DIMMING < 1%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59"†
<b>DMLV96124D</b>	MAGNETIC LOW VOLTAGE TRANSFORMER	96W	120V / 24V	MLV DIMMING < 1%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59"†

**MAXIMUM INTERCONNECTED TAPE LENGTH PER DRIVER**

Fixture Wattage	Driver Wattage								
		40W	60W	96W	90W	2X90W	3X90W	100W	2X100
	2.8W/ft	11FT	17FT	27FT	25FT	(2) 25FT	(3) 25FT	28FT	(2) 28FT
	4.2W/ft	7FT	11FT	18FT	17FT	(2) 17FT	(3) 17FT	19FT	(2) 19FT

## Photometry

