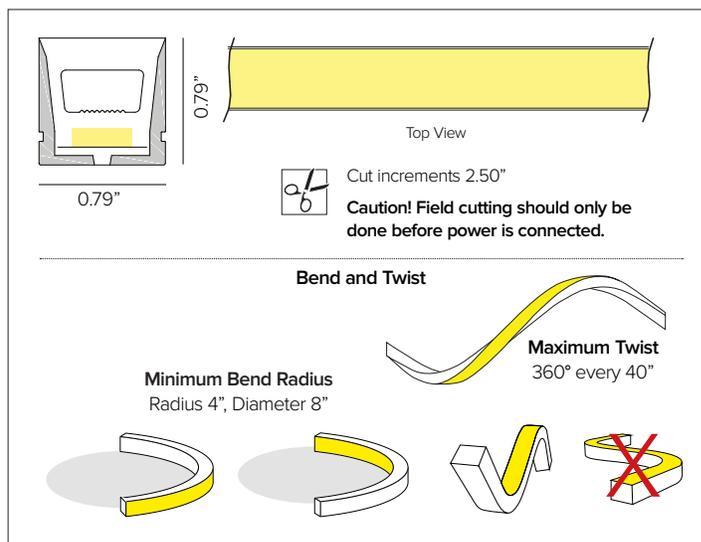


DURAFLEX DIM-TO-WARM – LUMA TOP

Flexible Light Strip for Continuous Dim-to-Warm Light Effects



CONCEPT

Energy efficient LED flexible 'neon' linear with flat lens for continuous white light allowing the light intensity to be decreased and the color temperature of the light to be varied at the same time all while dimming continuously to dark (Dim-to-Off), simulating the dimming curve of an incandescent lamp.

MECHANICAL CHARACTERISTICS

Materials	Extruded silicone with LED strip and milky white diffusion lens.
Functionality	Extremely flexible and adjustable lengths for varied architectural applications. Follows a preset dimming curve with the coolest kelvin temperature LED at highest intensity to the warmest kelvin temperature LED at lowest intensity. Preset dimming curve is continuous from 100% high intensity to 0% off "dark".
Installation	Field cuttable. Manufacturer pre-assembled to specific project lengths with factory attached end prep assemblies. To be completed with clip or channel mountings.
Protection	IP65 (For use in outdoor or indoor applications).

CERTIFICATIONS

cULus Class 2 Listed
 Tested in accordance with LM-79-08
 Energy efficient for California installations.
 RoHS compliant

WARRANTY

5 year limited warranty

ELECTRICAL CHARACTERISTICS

Power Connection	Factory attached end prep, see available options. Remote Class 2 120V-277V AC power supply required, see available options.
Wattage	4.3W/ft
Voltage	24V DC
Trigger Time	< 0.2s
Number of cycles	100,000
Operating Temp.	-25°C / +35°C
Max Continuous Length	16ft Factory manufactured individual run lengths. Field trimmable every 2.50".

SOURCE

LEDs	58 LED's/ft. Arranged as pairs of bi-color sets.						
Spacing	0.20" O.C. Paired LED Spacing.						
TM30	CCT (Nominal)	CRI	Rf	Rg	R9	DUV	SDCM
	DW 3000K	83	84	94	4	0.0014	3
	DW 1800K	84	75	69	28	0.0038	3
Strip & LED Details	Kelvin	W/LED	Efficacy*	Delivered Lumens	Viewing Angle		
	3000K	0.07W	60Lm/W	259Lm/ft	116°		
Lifetime	L70/B10 50,000hrs at max TA +25°C						

* Meets Title 24 High efficacy rating.

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SPECIFICATION INFORMATION

DFDW	TB							
1	2	3	4	5	6	7	8	9

REQUIRED

Ex: DFDWTB43ODW24 / KT10UVL1 / KT10UTS1 / DMLE301242UD

1 - PRODUCT CODE	2 - BEND	3 - WATTAGE	4 - RATING	5 - KELVIN	6 - VOLTAGE
DFDW – DURAFLEX DIM-TO-WARM	TB – LUMA TOP VERTICAL	43 – 4.3W/ft	O – IP65	T1 – 3000K – 1800K	24 – 24V DC
7 - END PREP CONNECTION	8 - MOUNTING	9 - POWER SUPPLY			
REQUIRED See section for details	REQUIRED See section for details	REQUIRED See section for details			

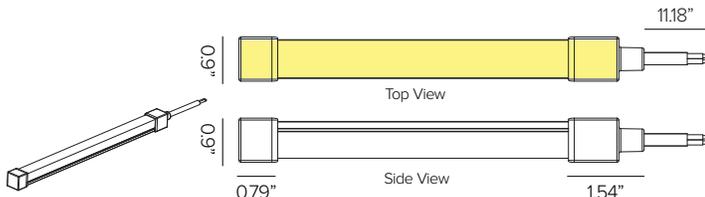
DURAFLEX DIM-TO-WARM – LUMA TOP

7 - END PREP CONNECTION (REQUIRED)



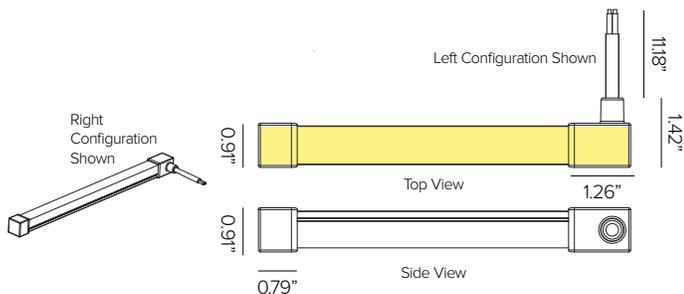
TRANSLUCENT SILICONE:

Purchase by length only, factory assembled. Field cuttable.
Caution! Field cutting should only be done before power is connected.



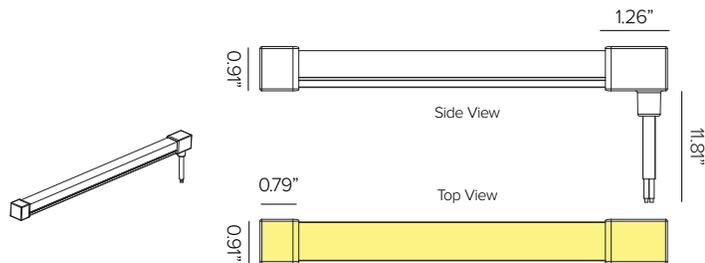
DURAFLEX ARCH TOP TW translucent silicone straight end prep connection, factory pre-assembled. Lead wire/dead end allows for connection to power at lead end and field trim of DURAFLEX product at the other end. Completed with translucent silicone factory attached end cap.

Part No. **KT15UTL1**



DURAFLEX ARCH TOP TW translucent silicone side (left/right) end prep connection, factory pre-assembled. Lead wire/dead end allows for connection to power at lead end and field trim of DURAFLEX product at the other end. Completed with translucent silicone factory attached end cap.

Side	Left	Right
Part No.	KT15UTL2L	KT15UTL2R

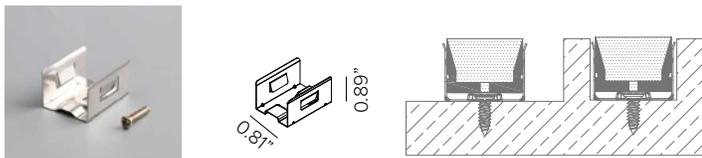


DURAFLEX ARCH TOP TW translucent silicone bottom end prep connection, factory pre-assembled. Lead wire/dead end allows for connection to power at lead end and field trim of DURAFLEX product at the other end. Completed with translucent silicone factory attached end cap.

Part No. **KT15UTL3**

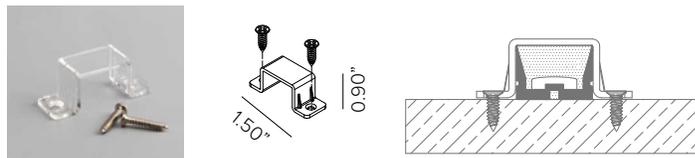
DURAFLEX DIM-TO-WARM – LUMA TOP

8 - MOUNTING (REQUIRED)



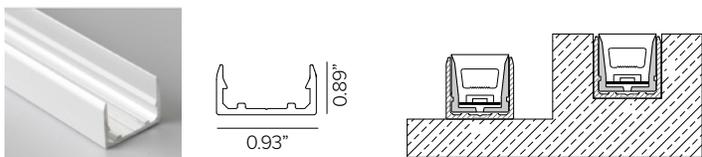
DURAFLEX ARCH TOP TW bottom fixing clips, stainless steel. Includes 2ea clips and 2ea screws.

Part No. **KT15UTC1**



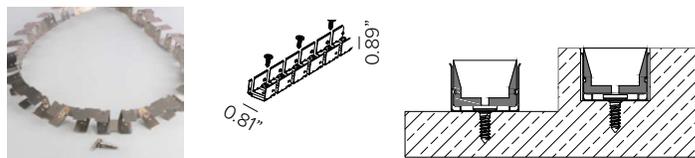
DURAFLEX ARCH TOP TW transparent clips kit. Includes 2ea clips and 4ea screws.

Part No. **KT15UTS1**



DURAFLEX ARCH TOP TW aluminum rigid profile with 2ea screws. **Note, translucent cap style and bottom termination end prep configurations rest outside of the profile.**

Part No. **KT15UTP1**



DURAFLEX ARCH TOP TW flexible stamped stainless steel profile secured with screws, 1ea provided per foot. Available in 1ft lengths. **Note, translucent cap style and bottom termination end prep configurations rest outside of the profile.**

Part No. **KT15UTFP2**

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9 - POWER SUPPLY (REQUIRED)

ENCLOSURE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
DMLE301242UD	30W	MLV / ELV / 0-10V / TRIAC	0-10V 0% MLV <10% ELV <10%	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD electronic driver with wiring compartment.
DMLE601242UD	60W	MLV / ELV / 0-10V / TRIAC	0-10V 0% MLV <10% ELV <10%	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD electronic driver with wiring compartment.
DELI601241CPWM	60W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	10" x 10" x 4"	MEANWELL electronic PWM driver.
DELX601241CPWM	60W	0-10V	1%	NEMA3R	120-277V / 24V	UL Class 2	10" x 10" x 4"	MEANWELL electronic PWM driver.
DELI901241CPWM	90W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	10" x 10" x 4"	MEANWELL electronic PWM driver.
DELX901241CPWM	90W	0-10V	1%	NEMA3R	120-277V / 24V	UL Class 2	10" x 10" x 4"	MEANWELL electronic PWM driver.
DMLE961242UD	96W	MLV / ELV / 0-10V / TRIAC	0-10V 0% MLV <10% ELV <10%	NEMA3R	120-277V / 24V	UL Class 2	5.16" X 7.73" X 1.54	EMCOD electronic driver with wiring compartment.
DELV96124D	96W	0-10V	0.1%	IP65	120-277V / 24V	UL Class 2	12.1" X 2.4" X 1.4"	Magnitude SOLIDrive electronic driver with built in junction box.
DELI1802242CPWM	2X90W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	MEANWELL electronic PWM driver.
DELX1802242CPWM	2X90W	0-10V	1%	NEMA3R	120-277V / 24V	UL Class 2	12" x 12" x 4"	MEANWELL electronic PWM driver.
DMLE1922242UD	2X96W	MLV / ELV / 0-10V / TRIAC	0-10V 0% MLV <10% ELV <10%	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81	EMCOD electronic driver with wiring compartment.
DELI2703243CPWM	3X90W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	MEANWELL electronic PWM driver.
DELX2703243CPWM	3X90W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	MEANWELL electronic PWM driver.
DMLE2882242UD	3X96W	MLV / ELV / 0-10V / TRIAC	0-10V 0% MLV <10% ELV <10%	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81	EMCOD electronic driver with wiring compartment.

STAND ALONE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Standalone)	Description
DEL60PWM	60W	0-10V	1%	IP67	120-277V / 24V	UL Class 2	5.9" X 2.09" X 1.38"	MEANWELL electronic PWM driver. UL listed enclosure provided by others.
DEL90PWM	90W	0-10V	1%	IP67	120-277V / 24V	UL Class 2	6.73" X 2.48" X 1.48"	MEANWELL electronic PWM driver. UL listed enclosure provided by others.

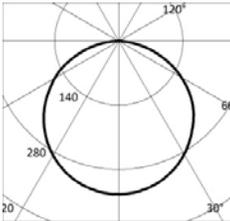
MAX INTERCONNECTED FLEX LENGTHS PER DRIVER

Fixture Wattage	Driver Wattage							
	30W	60W	90W	96W	2X90W	2X96W	3X90W	3X96W
4.3W	5FT	11FT	17FT	18FT	(2) 17FT	(2) 25FT	(3) 24FT	(3) 35FT

DURAFLEX DIM-TO-WARM – LUMA TOP

PHOTOMETRY

IES FILES SHOWN AT 1M (3.28FT) LENGTHS



	3000K	H(m)	D(m)	E _{max} (lx)
	Ra83		117°	
Fixture Power	14W	1	3.28	282
Source Flux	848lm	2	6.56	71
Fixture Flux	848lm	3	9.84	31
Efficacy	61lm/W	4	13.12	18
PM0801035 No. 109311/ES1	I _{max}	5	16.41	11

DIMMING CURVE

