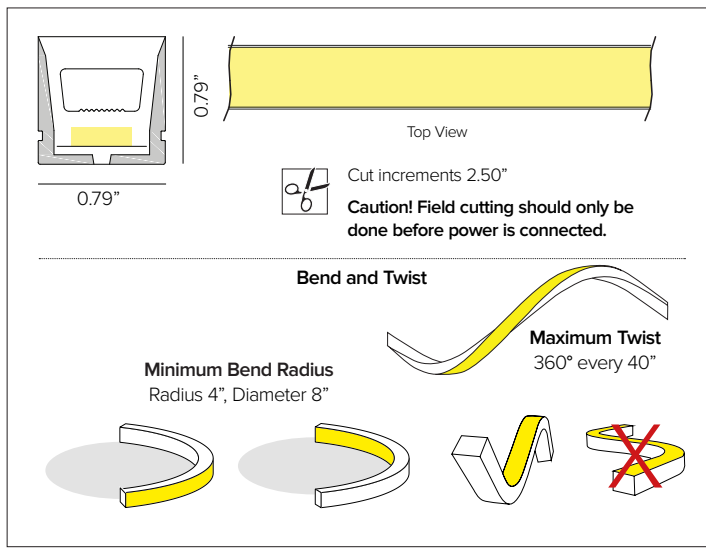
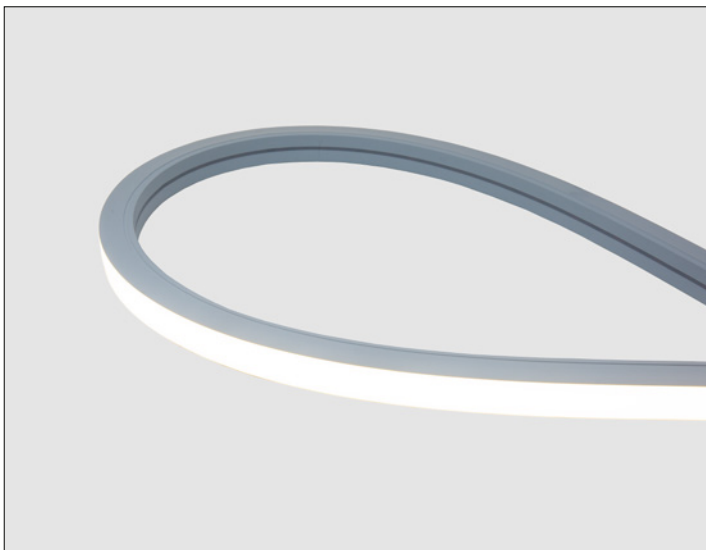


DURAFLEX TUNABLE WHITE – LUMA TOP

Flexible Light Strip for Continuous Dynamic White Light Effects



CONCEPT

Energy efficient LED flexible 'neon' linear with flat lens for continuous dynamic white light control. Essential in environments where people remain for a long period of time, such as offices and schools. It is equally useful to create different atmospheres within the same environment such as restaurants and hospitality environments.

MECHANICAL CHARACTERISTICS

Materials	Extruded silicone with LED strip and milky white diffusion lens.
Functionality	Extremely flexible and adjustable lengths for varied architectural applications. Allows for full dynamic control of white light blends ranging from cool to warm kelvin tones, with dimming control independent of color.
Installation	Manufacturer pre-assembled to specific project lengths with factory attached end prep assemblies. To be completed with clip or channel mountings. Suitable for MRI installations. Driver to be mounted outside of MRI room and to be use with PVC or aluminum profiles only. To be installed with adhesive or MRI safe hardware only, no factory provided mounting hardware to be used.
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 / 2 Chan (Ch 1 – color / Ch 2 – intensity)
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	0.21" O.C. Paired LED Spacing.						
TM30	CCT (Nominal)	Ra	Rf	Rg	R9	DUV	SDCM
	TW 1800K	84	75	69	28	0.0038	3
	TW 3000K	83	84	94	4	0.0014	3
Strip & LED Details	KELVIN	W/LED	Delivered Lumens*			Viewing Angle	
	1800K	0.04W	1161Lm/ft			114°	
	3000K	0.04W	219Lm/ft			114°	
Efficacy	103Lm/W max. Refer to photometric graphs for specific values.						
Lifetime	L70/B10 50,000hrs at max TA +25°C						

DURAFLEX TUNABLE WHITE – LUMA TOP

SPECIFICATION INFORMATION

DFTW	TB								
1	2	3	4	5	6	7	8	9	10
							REQUIRED		OPTIONAL

Ex: DFTWTB43OT124 / KT15UTTWL1 / KT15UVP1 / DDT1902C2410

1 - PRODUCT CODE	2 - BEND	3 - WATTAGE	4 - RATING	5 - KELVIN	6 - VOLTAGE
DFTW – DURAFLEX TUNABLE WHITE	TB – LUMA TOP VERTICAL	43 – 4.3W/ft	O – IP65	T1 – 1800K & 3000K	24 – 24V DC
7 - END PREP CONNECTION	8 - MOUNTING	9 - DRIVER	10 - CONTROL		
REQUIRED See section for details	REQUIRED See section for details	REQUIRED See section for details	OPTIONAL See section for details		

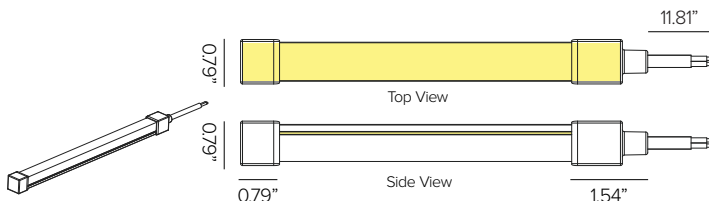
DURAFLEX TUNABLE WHITE – LUMA TOP

7 - END PREP CONNECTION (REQUIRED)



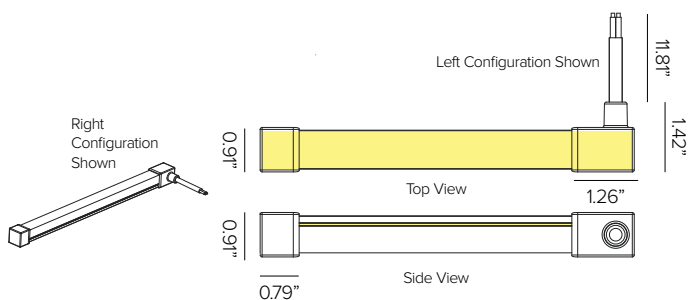
TRANSLUCENT SILICONE:

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



DURAFLEX TW TOP 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.

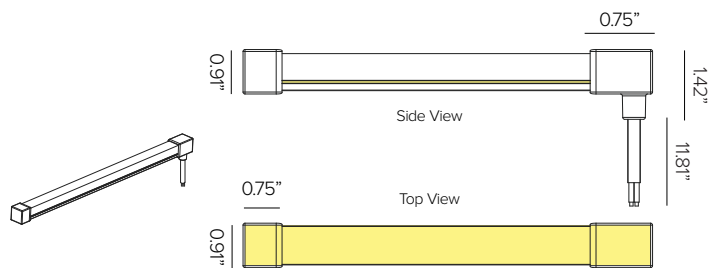
Part No. **KT15UTTWL1**



DURAFLEX TW TOP 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. **KT15UTTWL2** **KT15UTTWL2R**

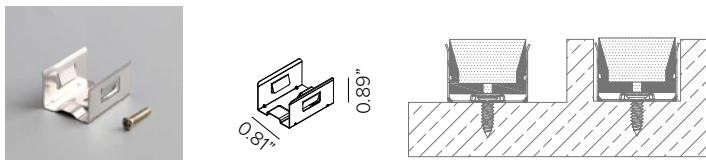


DURAFLEX TW TOP translucent silicone bottom end prep connection, factory pre-assembled. Lead wire/dead end allows for connection to power at lead end and field trim of DURAFLEX product at the other end. Completed with translucent silicone factory attached end cap.

Part No. **KT15UTTWL3**

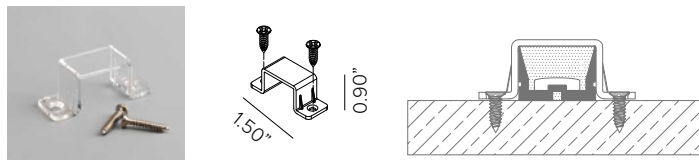
DURAFLEX TUNABLE WHITE – LUMA TOP

8 - MOUNTING (REQUIRED)



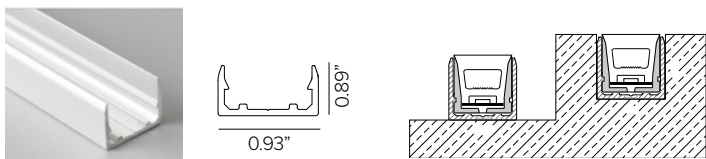
DURAFLEX TW TOP bottom fixing clips, stainless steel. Includes 2ea clips and 2ea screws.

Part No. **KT15UTC1**



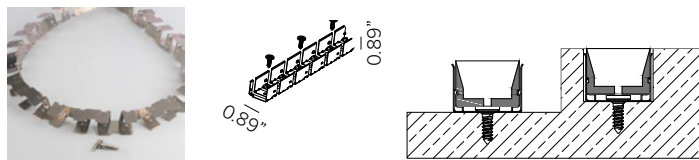
DURAFLEX TW TOP transparent clips kit. Includes 2ea clips and 4ea screws.

Part No. **KT15UTS1**



DURAFLEX TW TOP aluminum rigid profile with 2ea screws. Dimension: 39" (1M) Length. **Note, translucent cap style and bottom termination end prep configurations rest outside of the profile.**

Part No. **KT15UTP1**



DURAFLEX TW TOP 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**

9 - POWER SUPPLY (REQUIRED)

ENCLOSURE

Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
DDT1902C2410	90W	0-10V 2 Chan	0%	DRY	120-277V / 24V	UL Class 2	8.5" x 4" x 1.5"	AmbienTech electronic driver.
DDTX902C2410	90W	0-10V 2 Chan	0%	DAMP	120-277V / 24V	UL Class 2	8.5" x 4" x 1.5"	AmbienTech electronic driver.
DEDD11001242CDMX	100W	DMX 2 Chan	0%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.
DEDDX1001242CDMX	100W	DMX 2 Chan	0%	NEMA3R	120-277V / 24V	UL Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.
DEDDI2002242CDMX	2X100W	DMX 2 Chan	0%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.
DEDDX2002242CDMX	2X100W	DMX 2 Chan	0%	NEMA3R	120-277V / 24V	UL Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.

MAX INTERCONNECTED TAPE LENGTHS PER DRIVER

Fixture Wattage	Driver Wattage		
	90W	100W	2x100W
4.3W	16FT	18FT	(2) 18FT

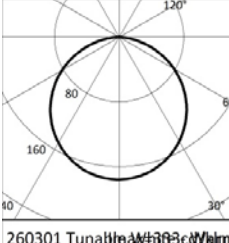
10 - CONTROL (OPTIONAL)

Part No.	Channels	Scenes	Zones	Rating	Voltage	Certification	Dimensions	Description
SWITCH23	2	6	1	Indoor	12-24V DC	UL	4.73"H x 2.95"W x 1.15"D	CCT Touch DMX512 Wall Control Panel with Sensitive Glass Touch Panel, White Finish

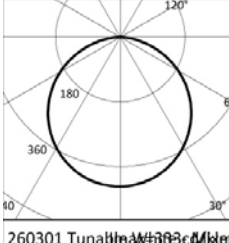
DURAFLEX TUNABLE WHITE – LUMA TOP

PHOTOMETRY

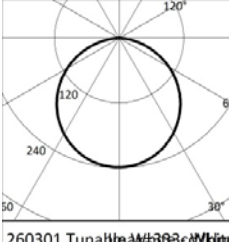
IES FILES SHOWN AT 1M (3.28FT) LENGTHS



	1800K	H(m)	D(m)	Emax(lx)
	-		114°	
Fixture Power	7W	1	3.10	176
Source Flux	528lm	2	6.21	44
Fixture Flux	528lm	3	9.31	20
Efficacy	75lm/W	4	12.41	11
260301 Tunable White Imax	176cd	5	15.52	7



	2400K	H(m)	D(m)	Emax(lx)
	-		114°	
Fixture Power	14W	1	3.10	415
Source Flux	1246lm	2	6.21	104
Fixture Flux	1246lm	3	9.31	46
Efficacy	89lm/W	4	12.41	26
260301 Tunable White Imax	415cd	5	15.52	17



	3000K	H(m)	D(m)	Emax(lx)
	-		114°	
Fixture Power	7W	1	3.10	239
Source Flux	718lm	2	6.21	60
Fixture Flux	718lm	3	9.31	27
Efficacy	103lm/W	4	12.41	15
260301 Tunable White Imax	239cd	5	15.52	10