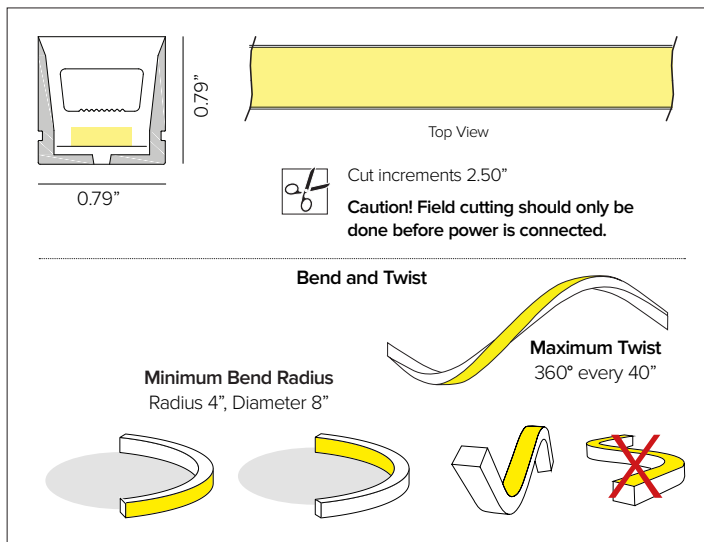
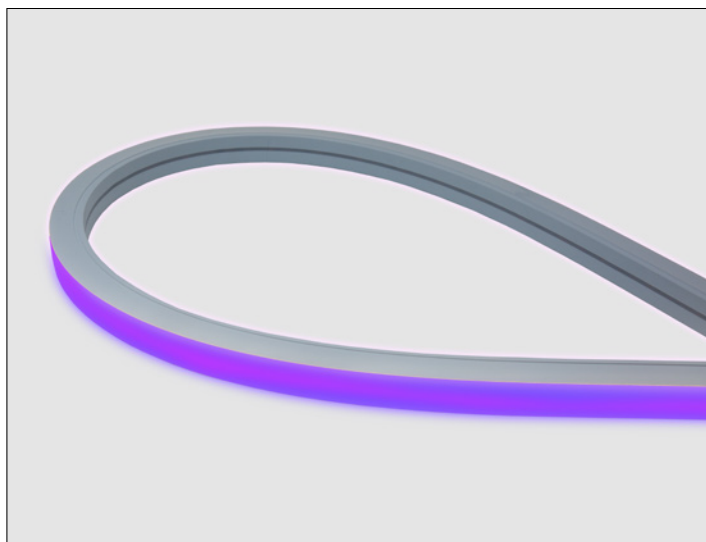


DURAFLEX RGBW – LUMA TOP

Flexible Light Strip for Continuous Dynamic Light Effects



CONCEPT

Energy efficient LED flexible 'neon' linear with flat lens for continuous dynamic color changing applications. RGB saturated colors working along side white spectrum to create soft pastel tones and/or tones of white enriched with RGB color.

MECHANICAL CHARACTERISTICS

Materials	Extruded silicone with LED strip and milky white diffusion lens.
Functionality	Extremely flexible and adjustable lengths for varied architectural applications. Ideal for linear dynamic color changing applications such as cove or niche, architectural decorative lighting accents, under-counter/cabinet, lighting accents, or OEM product designs/chandeliers.
Installation	Field cuttable. 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 power supply with DMX/RGBW interface required, see available options. DMX 512 protocol, 0% dim range. Refer to Targetti Onsite Services for additional programming and installation support.
Wattage	5.5W/ft / 4 Chan
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	29 quad chip LED's/ft					
Spacing	0.41" O.C.					
TM30	CCT (Nominal)	Ra	Rf	Rg	R9	SDCM
	RGBW	-	-	-	-	-
	RED 630nm	-	-	-	-	-
	GREEN 519nm	-	-	-	-	-
	BLUE 465nm	-	-	-	-	-
	WHITE 3000K	94	92	98	69	2
Strip & LED Details	Model	W/LED	Delivered Lumens*	Viewing Angle		
	RGBW	0.19W	152Lm/ft	119°		
	WHITE 3000K	0.17W	58Lm/ft	119°		
* Meets Title 24 High efficacy rating.						
Efficacy	41Lm/W max. Refer to photometric graphs for specific values.					
Lifetime	L70/B10 36,000hrs at max TA +25°C					

DURAFLEX RGBW – LUMA TOP

SPECIFICATION INFORMATION

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

Ex: DFDYTB55ORGBW24 / KT15UTRGBWL1 / KT15UTP1 / DEDD11001244CDMX

1 - PRODUCT CODE	2 - BEND	3 - WATTAGE	4 - RATING	5 - KELVIN	6 - VOLTAGE
DFDY — DURAFLEX DYNAMIC	TB — LUMA TOP VERTICAL	55 — 5.5W/ft	O — IP65	RGBW — RGBW	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		

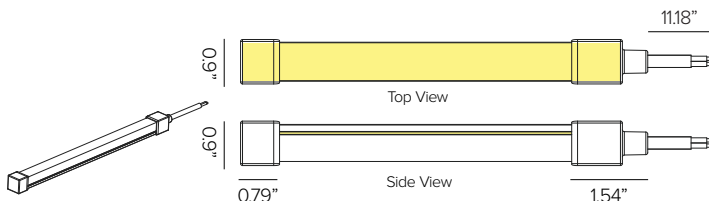
DURAFLEX RGBW – LUMA TOP

7 - END PREP CONNECTION (REQUIRED)



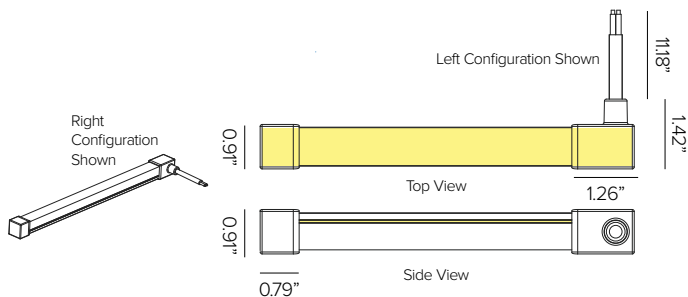
TRANSLUCENT SILICONE:

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



DURAFLEX RGBW 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.

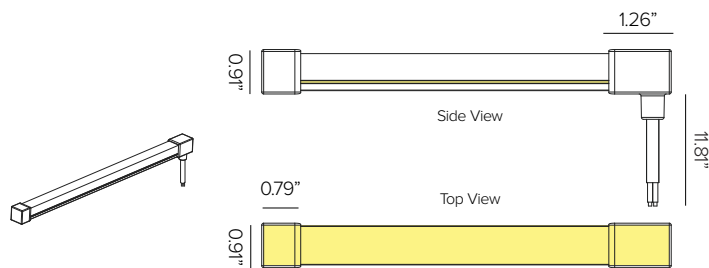
Part No. **KT15UTRGBWL1**



DURAFLEX RGBW 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. **KT15UTRGBWL2** **KT15UTRGBWL2R**

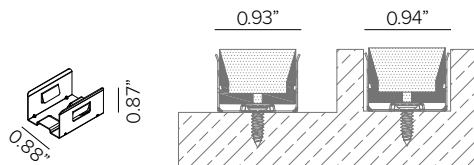


DURAFLEX RGBW TOP translucent silicone bottom end prep connection, factory pre-assembled. Lead wire/dead end allows for connection to power at lead end and field trim of DURAFLEX product at the other end. Completed with translucent silicone factory attached end cap.

Part No. **KT15UTRGBWL3**

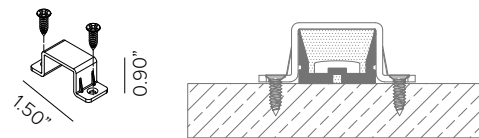
DURAFLEX RGBW – LUMA TOP

8 - MOUNTING (REQUIRED)



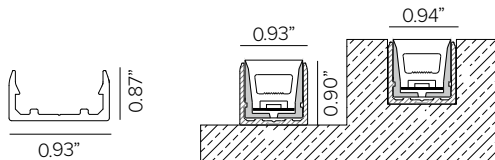
DURAFLEX TOP bottom fixing clips, stainless steel. Includes 2ea clips and 2ea screws.

Part No. **KT15UTC1**



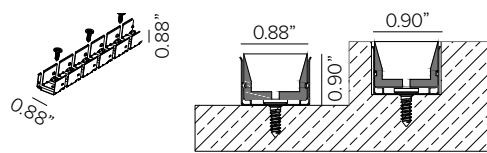
DURAFLEX TOP transparent clips kit. Includes 2ea clips and 4ea screws.

Part No. **KT15UTS1**



DURAFLEX 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 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**



DURAFLEX RGBW – LUMA TOP






9 - POWER SUPPLY (REQUIRED)

ENCLOSURE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
DEDDI1001244CDMX	100W	DMX 4 Chan	0%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.
DEDDX1001244CDMX	100W	DMX 4 Chan	0%	NEMA3R	120-277V / 24V	UL Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.
DEDDI2002244CDMX	2X100W	DMX 4 Chan	0%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.
DEDDX2002244CDMX	2X100W	DMX 4 Chan	0%	NEMA3R	120-277V / 24V	UL Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.

STAND ALONE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Standalone)	Description
DEDD100DMX	100W	DMX 4 Chan	0%	IP20	120-277V / 24V	UR Class 2	9.06" x 3.15" x 1.18"	EldoLED LINEARdrive electronic driver. UL Listed enclosure provided by others.

MAX INTERCONNECTED TAPE LENGTHS PER DRIVER		
Fixture Wattage	100W	2X100W
	5.5W	16FT

10 - CONTROL (OPTIONAL)

CONTROLLERS									
Part No.		Channels	Scenes	Zones	Rating	Voltage	Certification	Dimensions	Description
SWITCH20		12	1	3	Indoor	12-24V DC	UL	4.7" x 3.0" x 1.2"	RGBW touch DMX512 wall control keypad with sensitive glass touch panel, white finish.
TGDMXSLES AU9		256	20	1	Indoor	5.5V DC	ETL, UL	5.3"W x 5.5"H x 1.9D	Nicolaudie Slesa smart DMX 1/2 universe programmable controller with easy to use software interface.
TGDMXSLES AU11		1024	99	5	Indoor	5VDC 120V AC <i>Plug in power supply included</i>	ETL	6.3" x 3.6" x 1.8"	Nicolaudie Slesa smart DMX interface, 2 DMX 512 universes, intuitive backlit keyboard programmable controller with easy to use software interface.
TGDMXSTICK DE3B		1024	500	10	Indoor	6-7V DC 120V AC <i>Plug in power supply included</i>	ETL	5.8" x 4.2" x 0.5"	Nicolaudie intelligent control keypad with glass touch sensitive graphic display, stand-alone DMX 512, 2 universe programmable controller with easy to use software interface. Black finish.
TGDMXSTICK DE3W		1024	500	10	Indoor	6-7V DC 120V AC <i>Plug in power supply included</i>	ETL	5.8" x 4.2" x 0.5"	Nicolaudie intelligent control keypad with glass touch sensitive graphic display, stand-alone DMX 512, 2 universe programmable controller with easy to use software interface. White finish.

DURAFLEX RGBW – LUMA TOP

PHOTOMETRY

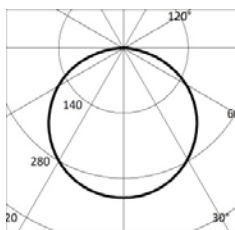
IES FILES SHOWN AT 1M (3.28FT) LENGTHS

RGBW



		H(m)	D(m)	Emax(lx)
	-			
	-		119°	
Fixture Power	18W	1	3.43	160
Source Flux	499lm	2	6.86	40
Fixture Flux	499lm	3	10.29	18
Efficacy	27lm/W	4	13.72	10
260217 RGBWmax	860cd/klm	Imax	160cd	5 17.16 6

WHITE ONLY



		H(m)	D(m)	Emax(lx)
	-			
	-		119°	
Fixture Power	5W	1	3.43	61
Source Flux	191lm	2	6.86	15
Fixture Flux	191lm	3	10.29	7
Efficacy	41lm/W	4	13.72	4
260217 RGBWmax	110cd/klm	Imax	61cd	5 17.16 2