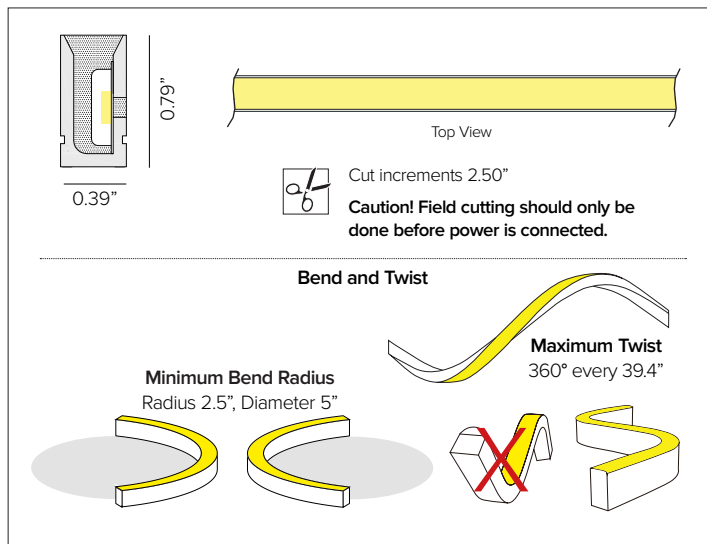
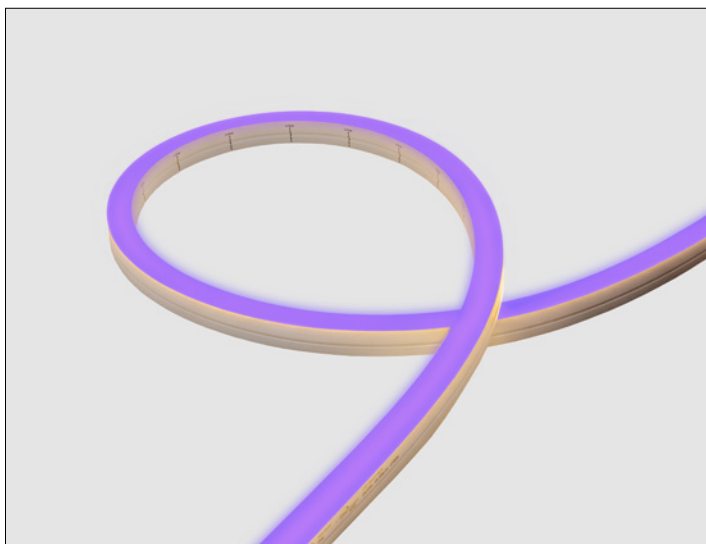


# DURAFLEX RGBW – LUMA SIDE

## 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

<b>Materials</b>	Extruded silicone with LED strip and milky white diffusion lens.
<b>Functionality</b>	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.
<b>Installation</b>	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.
<b>Protection</b>	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

<b>Power Connection</b>	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 <a href="#">Onsite Services</a> for additional programing and installation support.
<b>Wattage</b>	5.5W/ft / 4 Chan
<b>Voltage</b>	24V DC
<b>Trigger Time</b>	< 0.2s
<b>Number of cycles</b>	100,000
<b>Operating Temp.</b>	-25°C / +35°C
<b>Max Continuous Length</b>	16ft Factory manufactured individual run lengths. Field trimmable every 2.50".

### SOURCE

<b>LEDs</b>	29 quad chip LED's/ft					
<b>Spacing</b>	0.41" O.C.					
<b>TM30</b>	<b>CCT (Nominal)</b>	<b>Ra</b>	<b>Rf</b>	<b>Rg</b>	<b>R9</b>	<b>SDCM</b>
	RGBW	94	92	98	69	2
	RED 630nm	-	-	-	-	-
	GREEN 519nm	-	-	-	-	-
	BLUE 465nm	-	-	-	-	-
	WHITE 3000K	94	92	98	69	2
<b>Strip &amp; LED Details</b>	<b>Model</b>	<b>W/LED</b>	<b>Delivered Lumens*</b>	<b>Viewing Angle</b>		
	RGBW	0.15W	92Lm/ft	114°		
	RGB	0.14W	58LM/FT	114°		
	WHITE 3000K	0.08W	39Lm/ft	114°		
	* Meets Title 24 High efficacy rating.					
<b>Efficacy</b>	17Lm/W max. Refer to photometric graphs for specific values.					
<b>Lifetime</b>	L70/B10 36,000hrs at max TA +25°C					

# DURAFLEX RGBW – LUMA SIDE

## SPECIFICATION INFORMATION

<b>DFDY</b>	<b>SB</b>								
1	2	3	4	5	6	7	8	9	10
							<b>REQUIRED</b>		<b>OPTIONAL</b>

Ex: DFSB55ORGBW24 / KT15UVRGBWL1 / KT15UVPI / DEDDI1001244CDMX

1 - PRODUCT CODE	2 - BEND	3 - WATTAGE	4 - RATING	5 - KELVIN	6 - VOLTAGE
<b>DFDY</b> – DURAFLEX DYNAMIC	<b>SB</b> – LUMA SIDE HORIZONTAL	<b>55</b> – 5.5W/ft	<b>O</b> – IP65	<b>RGBW</b> – RGBW	<b>24</b> – 24V DC
7 - END PREP CONNECTION	8 - MOUNTING	9 - DRIVER	10 - CONTROL		
<b>REQUIRED</b> <a href="#">See section for details</a>	<b>REQUIRED</b> <a href="#">See section for details</a>	<b>REQUIRED</b> <a href="#">See section for details</a>	<b>OPTIONAL</b> <a href="#">See section for details</a>		

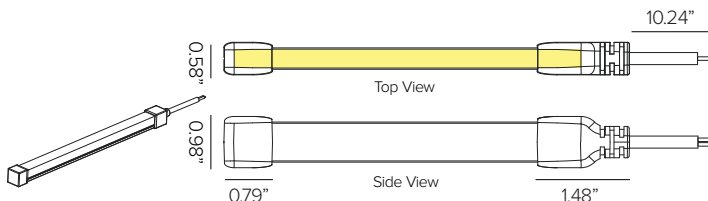
# DURAFLEX RGBW – LUMA SIDE

## 7 - END PREP CONNECTION (REQUIRED)



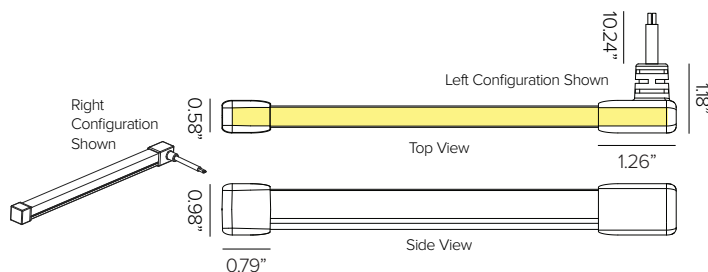
### TRANSLUCENT SILICONE:

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



DURAFLEX RGBW SIDE 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.

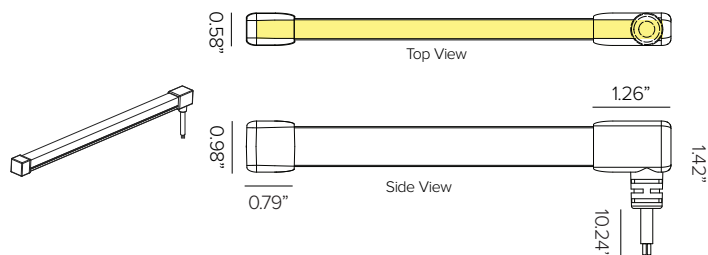
Part No. **KT15UVRGBWL1**



DURAFLEX RGBW SIDE 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. **KT15UVRGBWL2** **KT15UVRGBWL2R**

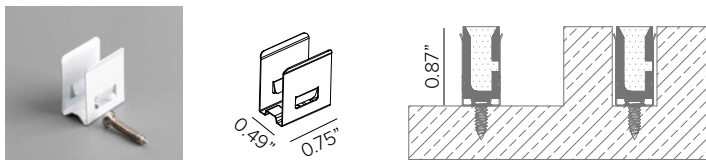


DURAFLEX RGBW SIDE bottom feed. Factory attached translucent silicone lead with two piece 12\" wire, with IP65 quick disconnect at one end of product and dead end cap at other end. Lead wire/dead end allows for connection to power at lead end and field trim of DuraFlex product at the other end. Completed with translucent silicone factory attached end cap.

Part No. **KT15UVRGBWL3**

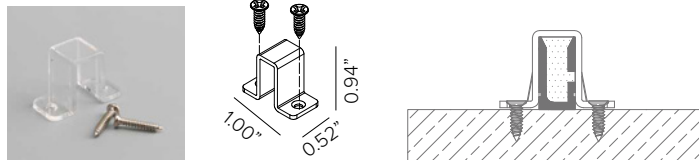
# DURAFLEX RGBW – LUMA SIDE

## 8 - MOUNTING (REQUIRED)



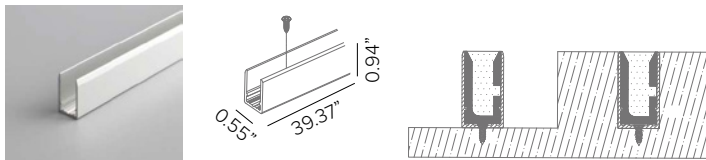
DURAFLEX RGBW SIDE bottom fixing clips, stainless steel. Includes 2ea clips and 2ea screws.

Part No. **KT15UVC1**



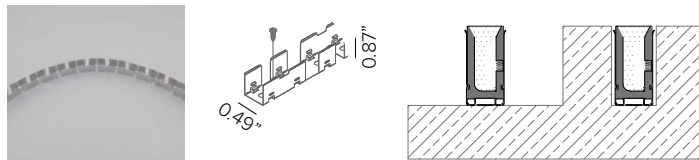
DURAFLEX RGBW SIDE transparent clips kit. Includes 2ea clips and 4ea screws.

Part No. **KT15UVS1**



DURAFLEX RGBW SIDE 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. **KT15UVP1**



DURAFLEX RGBW SIDE 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. **KT15UVFP2**

# DURAFLEX RGBW – LUMA SIDE






## 9 - POWER SUPPLY (REQUIRED)

ENCLOSURE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
<b>DEDDI1001244CDMX</b>	100W	DMX 4 Chan	0%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.
<b>DEDDX1001244CDMX</b>	100W	DMX 4 Chan	0%	NEMA3R	120-277V / 24V	UL Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.
<b>DEDDI2002244CDMX</b>	2X100W	DMX 4 Chan	0%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.
<b>DEDDX2002244CDMX</b>	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
<b>DEDD100DMX</b>	100W	DMX 4 Chan	0%	IP20	120-277V / 24V	UR Class 2	9.06" x 3.15" x 1.18"	EldoLED LINEARdrive electronic driver. <b>UL Listed enclosure provided by others.</b>

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

## 10 - CONTROL (OPTIONAL)

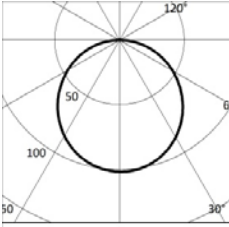
CONTROLLERS									
Part No.		Channels	Scenes	Zones	Rating	Voltage	Certification	Dimensions	Description
<b>SWITCH20</b>		12	1	3	Indoor	12-24V DC	UL	4.7" x 3.0" x 1.2"	RGBW touch DMX512 wall control keypad with sensitive glass touch panel, white finish.
<b>TGDMXSLESAU9</b>		256	20	1	Indoor	5.5V DC	ETL, 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.
<b>TGDMXSLESAU11</b>		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.
<b>TGDMXSTICKDE3B</b>		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.
<b>TGDMXSTICKDE3W</b>		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 SIDE

## PHOTOMETRY

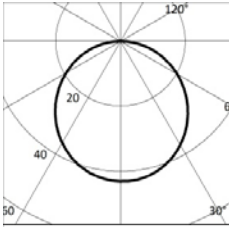
IES FILES SHOWN AT 1M (3.28FT) LENGTHS

### RGBW



		H(m)	D(m)	Emax(lx)
	-			
	-		114°	
Fixture Power	18W	1	3.11	101
Source Flux	300lm	2	6.22	25
Fixture Flux	300lm	3	9.33	11
Efficacy	17lm/W	4	12.44	6
PM0201906 I <sub>max</sub> =338cd/klm	I <sub>max</sub>	5	15.55	4

### WHITE



		H(m)	D(m)	Emax(lx)
	-			
	-		114°	
Fixture Power	5W	1	3.11	43
Source Flux	128lm	2	6.22	11
Fixture Flux	128lm	3	9.33	5
Efficacy	26lm/W	4	12.44	3
PM0201906 I <sub>max</sub> =335cd/klm	I <sub>max</sub>	5	15.55	2