DURAFLEX NEON RGB™
TOP Flex IP65 OUTDOOR

DURA LAMP
a brand of **TARGETTI**

KEY FEATURES

- Energy efficient LED flexible light strip for continuous consistant color changing linear applications.
- Extremely flexible and adjustable lengths for varied architectural applications.
- Available as top-bend spherical profile for arcing applications.
- Max continuous length: up to 20' per run (4.0W/ft)
- Multiple dimming options available.

Minimum Bend Radius

6" Min.   6" Min.

MRI   IP65   RoHS   cULus   **Class 2**
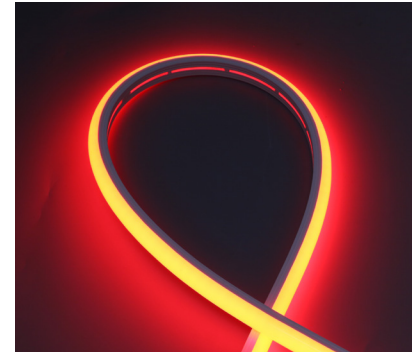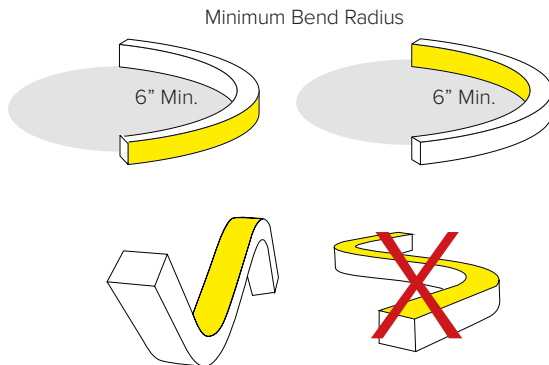
DETAILS

Spacing	0.33" OC LED Spacing
LEDs	36 LEDs per foot
Wattage	4.0W/ft
Color Temp	Red 630nm, Green 530nm, Blue 470nm
End Preps	Factory attached end preps available (See Page 2).
Field Cuts	See page 2 for manufacturer cut zones.
Mounting	Mounting clip or aluminum mounting channel options.
Lens Options	Extruded Silicone with Milky White diffusion lens with 179° visibility.
Installation	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 6in.
Power Supply	Listed Class 2 output, 24V DC power supply required
Certifications	cULus Class 2 Listed
	Tested in accordance with LM-79-08
	Energy efficient for California installations.
Compliance	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.
Warranty	5 year warranty

DIMENSIONAL DRAWINGS

0.34"
0.59"
0.63"

Ordering length increments by 1.97"
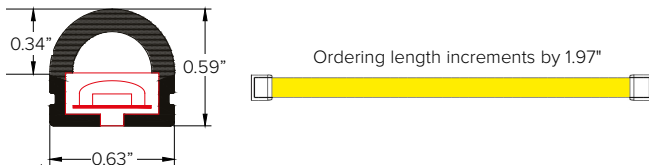
FIXTURE DATA

Model	Efficacy* Lm/Wt	Lm/Ft	Wt/Ft
TOP Flex RGB	20.4	81.4	4.0

* Meets Title 24 High efficacy rating.

LED DATA

Model	Wt/LED	Lifespan at 90% drive
RGB 4.0W/ft	0.11W	50,000hrs

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

PRODUCT CODE	PROFILE	WATTAGE	IP RATING	COLOR TEMP	VOLTAGE	+	END PREP	+	MOUNTING	+	POWER SUPPLY
DFN — DuraFlex Neon™	**TB** — TOP Flex	**40** — 4.0W/ft	**O** — Outdoor IP65	**RGB** — Red Green Blue	**24** — 24 VDC						

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REQUIRED END PREPS

A
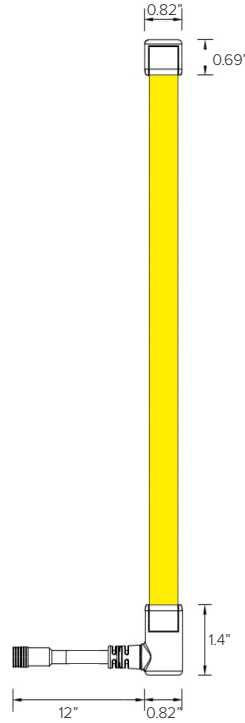

0.82"
0.69"

1.4"

0.82"
12"
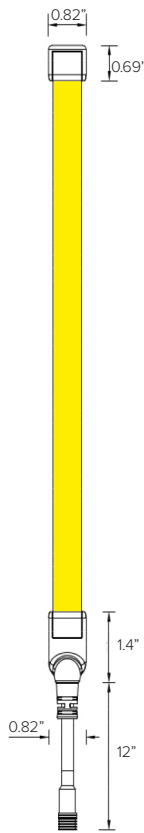
KT09UTRGBL1
TOP Flex straight end feed kit. Factory attached opaque white polycarbonate plastic lead with two piece 12" wire, with IP65 quick disconnect at one end of product and dead end cap at other end. Lead wire/dead end allows for connection to power at lead end and field trim of DuraFlex product at the other end. Completed with factory attached opaque white polycarbonate plastic end cap.
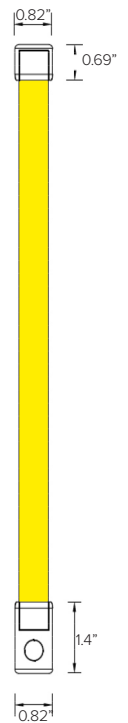
B

0.82"
0.69"

1.4"

12"   0.82"

KT09UTRGBL2
TOP Flex side feed kit. 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

0.82"
0.69"

1.4"

0.82"

KT09UTRGBL3
TOP Flex bottom feed kit. 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.
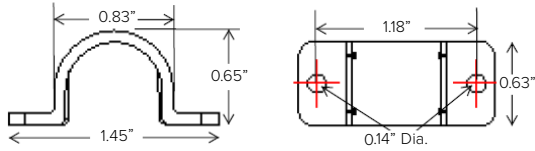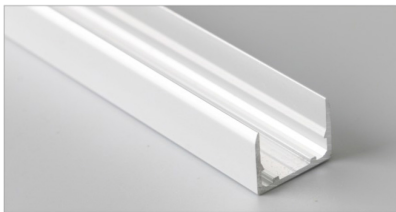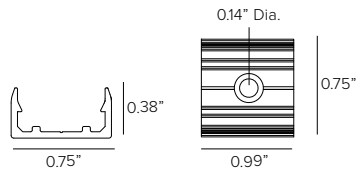
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MOUNTING ACCESSORIES
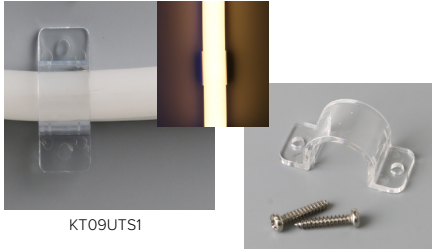
KT09UTS1

KT09UTS1
TOP Flex Transparent clips kit. Includes 5 clips and 10 screws.

0.83"
0.65"
1.45"
1.18"
0.63"
0.14" Dia.

KT09UTC1

KT09UTC1
TOP Flex Bottom fixing clips. Includes 5 clips and 5 screws.

0.14" Dia.
0.38"
0.75"
0.75"
0.99"

KT09UTP1

KT09UTP1
TOP Flex 1 pcs of aluminum channel length 38in and 2 of screws (termination end prep rest outside of the channel).

0.38"
0.75"
0.75"
0.14" Dia.
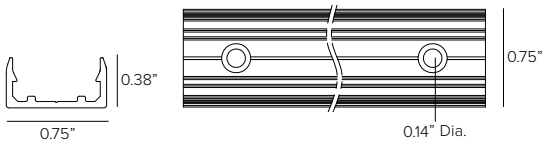
KTUTFP2

KTUTFP2
Top Flexible stamped stainless steel profile secured with screws, 1ea provided per foot. Available in 1ft lengths.

0.69"
0.16"
0.35"
0.65"
0.35" 0.35"

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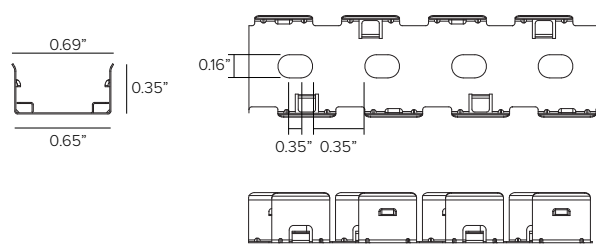
| Power Supply (REQUIRED)	Type	Wattage	Input/Output Voltage	Dimmable	IP Rating	Output	Dimensions
DEDDX1001244CDMX	ELECTRONIC ADDRESSABLE DMX DRIVER	100W	120-277V / 24V	DMX CONTROL 4 CHANNEL	NEMA3R ENCLOSURE	UL CLASS 2	12" x 12" x 4"[1]
DEDDX2002244CDMX	ELECTRONIC ADDRESSABLE DMX DRIVER	2X100W	120-277V / 24V	DMX CONTROL 4 CHANNEL	NEMA3R ENCLOSURE	UL CLASS 2	12" x 12" x 4"[1]
DEDD100DMX	ELECTRONIC ADDRESSABLE DMX DRIVER STANDALONE, **UL LISTED ENCLOSURE PROVIDED BY OTHERS**	100W	120-277V / 24V	DMX DIMMING 4 CHANNEL	N/A	UR CLASS 2	9.06" x 3.15" x 1.18"

[1] Dimensions include enclosure with mounting bracket.
* Constant voltage drivers 50/60HZ, voltage regulated with short circuit protection. Operating temperature -40 C- 80° C
* Installation of power supply must be compliant to Class 2 installation standards. Refer to NEC and local building code requirements.

Controllers:

Part No.	Type	Application	Voltage	Listing	Dimensions	Channels	Zones	Scenes
SWITCH20	RGBW touch DMX512 wall control keypad with sensitive glass touch panel, white finish.	Indoor	12-24V DC	UL	4.7" x 3.0" x 1.2"	12	3	1
TGDMXSLESAU9	Stand-alone DMX 1/2 Universe Programmable Controller with Easy to Use Software Interface	Indoor Only	5.5V DC	ETL, UL	5.3"W x 5.5"H x 1.9D	256	1	20
TGDMXSLESAU11	Nicolaudie Slesa smart DMX interface, 2 DMX 512 universes, intuitive backlit keyboard programmable controller with easy to use software interface.	Indoor	5VDC 120V AC (Plug in power supply included)	ETL	6.3" x 3.6" x 1.8"	1024	5	99
TGDMXSTICKDE3B	Nicolaudie intelligent wall control keypad wtih glass touch sensitive graphic display, stand-alone DMX 512, 2 universe programmable controller with easy to use software interface. Black finish.	Indoor	6-7V DC 120V AC (Plug in power supply included)	ETL	5.8" x 4.2" x 0.5"	1024	10	500
TGDMXSTICKDE3W	Nicolaudie intelligent control keypad wtih glass touch sensitive graphic display, stand-alone DMX 512, 2 universe programmable controller with easy to use software interface. White finish.	Indoor	6-7V DC 120V AC (Plug in power supply included)	ETL	5.8" x 4.2" x 0.5"	1024	10	500
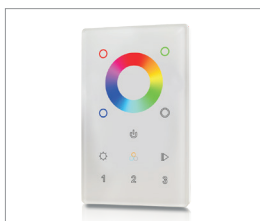
SWITCH20   TGDMXSLESAU9   TGDMXSLESAU11   TGDMXSTICKDE3

MAXIMUM INTERCONNECTED TAPE LENGTH PER DRIVER

Fixture Wattage	Driver Wattage							
	40W	60W	96W	90W	2X90W	3X90W	100W	2X100
4W	8FT	12FT	19FT	18FT	(2) 18FT	(3) 18FT	20FT	(2) 20FT