DURATAPE RGBW IP67

Dynamic Color Changing Energy Efficient Low Voltage Strip Light

0.59"

3.00"

0.20"

0.47" O.C.

DURATAPE features double-sided solder points for maximum continuity for long lifespan.

Field cut possible every 3".

Caution! Field cutting should only be done before power is connected.

MRI | IP67 | RoHS COMPLIANT | cULus Class2
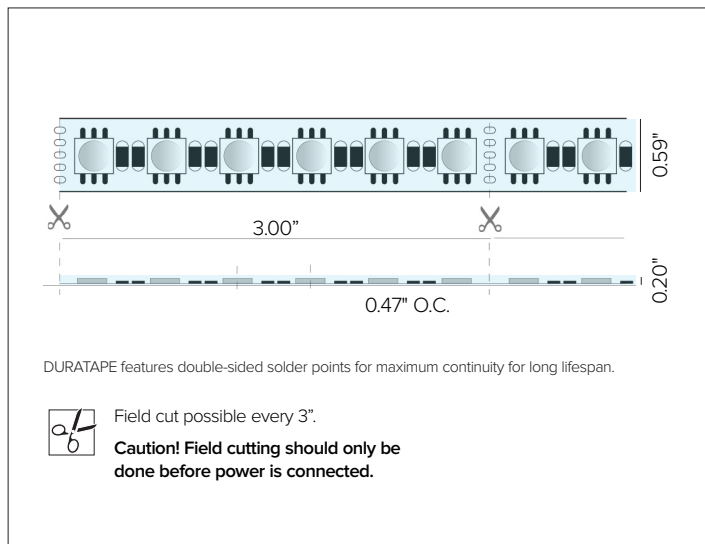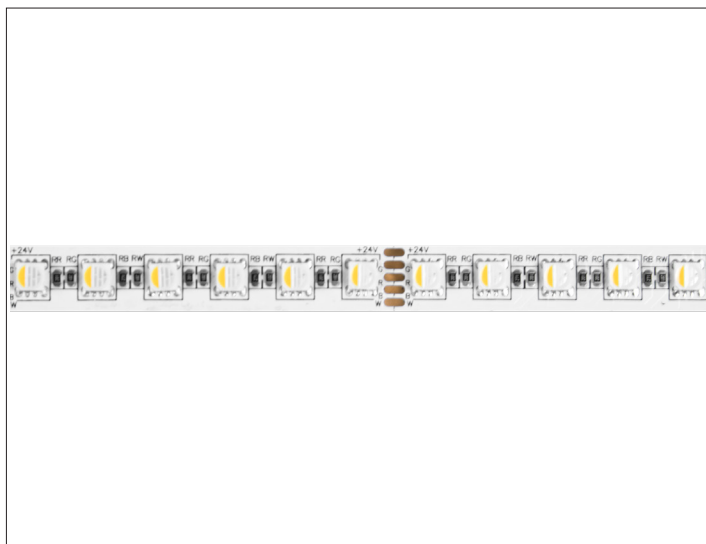
CONCEPT

A high output dynamic color changing strip with rich 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	LED strip with fully extruded silicon jacket. Double layered copper substrate for optimum heat dissipation, minimizing voltage drop while increasing run lengths per power feed, standardizing electrical flow over entire length of the strip for maximum product reliability.
Functionality	Ideal for linear dynamic color changing applications such as cove or nitch, 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 mounted or inserted into thermally protective profiles, see available options. 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	Strip jacket rated at IP67.

CERTIFICATIONS

cULus Class 2 Listed E471161
Tested in accordance with LM-79-08
Energy efficient for California installations.
RoHS compliant

WARRANTY

5 year limited warranty

SUSTAINABILITY

DURATAPE products are packaged with environmentally friendly materials. The strip reel is comprised of cardboard and the strip bag is produced with 80% paper materials and 20% recycled plastics necessary for anti-static packaging.

ELECTRICAL CHARACTERISTICS

Power Connection	Factory attached end prep, see available options. Remote Class 2 power supply with DMX/RGBW interface required, see available options. Refer to Targetti Onsite Services for additional programing and installation support.
Wattage	4.4W/ft / 4 Chan
Voltage	24V DC
Trigger Time	< 0.2s
Number of cycles	100,000
Operating Temp.	-25°C / +35°C
Max Continuous Length	Field trimmable every 3". 16ft

SOURCE

LEDs	25 quad chip LEDs per foot		
Spacing	0.33" O.C. LED Spacing		
TM30	*CCT (Nominal)*	*SDCM*	
	RGBW 3000K	2	

Strip & LED Details	*Model*	*W/LED*	*Delivered Lumens**	*Viewing Angle*
			RGBW	
	RGBW	0.18W	158.5Lm/ft	120°
	* Meets Title 24 High efficacy rating.			
Efficacy	36Lm/W			
Lifetime	L70/B10 >40,000hrs at max TA +25°C			

SPECIFICATION INFORMATION

DL					/	/	/	/	
1	2	3	4	5	6	7	8	9	

REQUIRED (7, 8, 9)

Ex: DLHO44ORGBW24 / 07UX4CBL1 / PRAP-U / DEDDX1001244CDMX

1 - PRODUCT CODE	2 - TYPE	3 - WATTAGE	4 - RATING	5 - KELVIN	6 - VOLTAGE
DL — DURATAPE™	**HO** – High Output	**44** – 4.4W/ft	**O** – IP67	**RGBW** — RGBW	**24** – 24V DC

7 - END PREP CONNECTION	8 - MOUNTING	9 - DRIVER
REQUIRED *See section for details*	**REQUIRED** *See section for details*	**REQUIRED** *See section for details*

INSTALLATION EXAMPLES

COVE

UNDER COUNTER TASK

UNDER COUNTER DIRECTIONAL TASK

7 - END PREP CONNECTION (REQUIRED)

24"

DURATAPE factory attached single 4 circuit lead wire end prep. Lead wire/dead end allows for connection to power at lead end and field trim of Duratape product at the other end. Translucent wire with positive/negative identification that easily blends into the mounting environments.

Part No.	07UX4CBL1

DURATAPE additional factory attached lead wire, sold per foot. Lead wire can be field cut to desired length.

Length	Per foot
Part No.	07UX4ADDCBL1

24"   24"
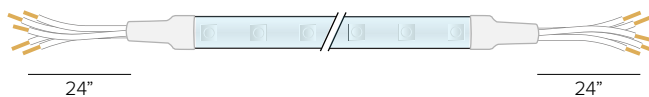
DURATAPE factory attached double 4 circuit lead wire end prep. One end can be used for power connectivity while the other end can be used for DURATPAPE interconnection. Translucent wire with positive/negative identification that easily blends into the mounting environments. ***Caution: Pay attention to max run lengths and voltage drops from total lead/fold wire lengths.***

Part No.	07UX4CBL2

DURATAPE additional factory attached lead wire, sold per foot. Lead wire can be field cut to desired length.

Length	Per foot
Part No.	07UX4ADDCBL1

7 - END PREP CONNECTION (OPTIONAL)

DURATAPE 3 circuit crimp connectors, 5ea. Simplifies custom splice connections in the field. To be used for in-line connections, connecting to other lead wires, etc.
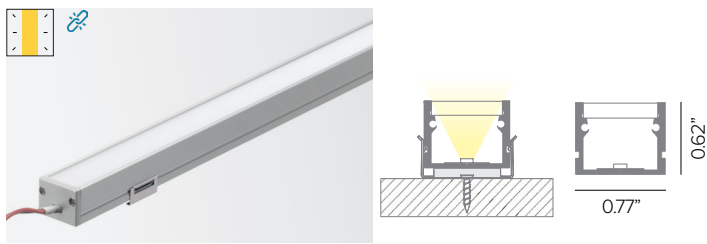
Part No.	07U4XADDCON

8 - MOUNTING (REQUIRED)

WEBSITE LINK *SPEC SHEET*

UNIFORM *DIRECT VIEW*

BLENDED DIRECT/INDIRECT VIEW
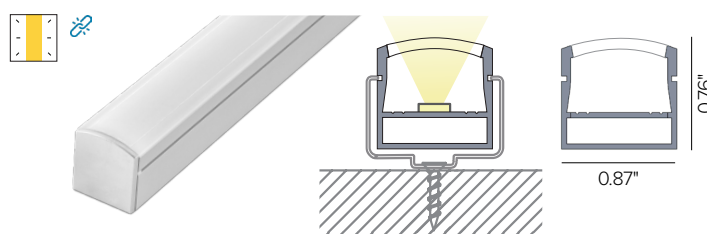
PIXEL INDIRECT VIEW

CLIPS AND SURFACE PROFILES

0.62"
0.77"

Aluminum profile with polycarbonate lens with uniform light distribution for surface or recessed with suitable clips. Dimension: 118"L (3M). *Profile must be shipped via freight only. For efficient shipping via UPS/FedEx, lengths can be cut to 59" upon request.*
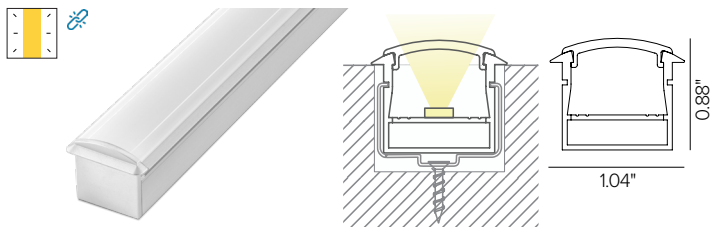
Part No.   **P03B-S-PF-300**

0.76"
0.87"

Surface mount anodized aluminum rigid profile complete with opal translucent lens. Dimension: 79"L (2M)
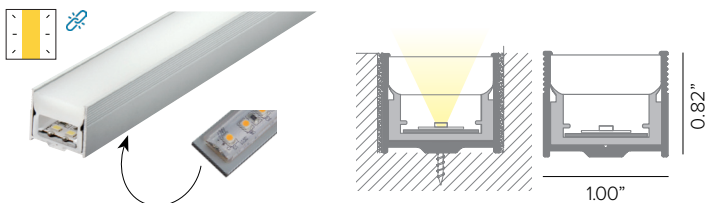
Part No.   **PRAP-U**

RECESSED PROFILES

0.88"
1.04"

Recessed flush mount anodized aluminum rigid profile complete with opal translucent lens. Dimension: 79"L (2M)

Part No.   **PRIN-U**

0.82"
1.00"
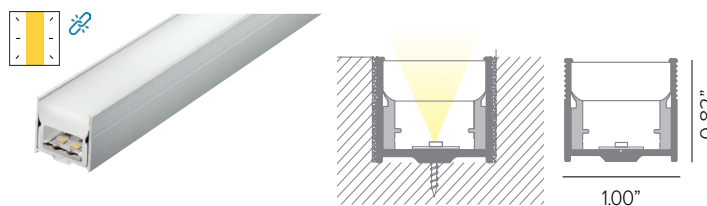
Rigid high impact two part profile with aluminum channel and white polycarbonate insert (side walls) with frosted top diffuser lens for surface or recessed mounting. Dimension: 39"L (1M)

Part No.   **PRINTC-GUS**

0.82"
1.00"

Rigid high impact three part profile with aluminum channel, white polycarbonate insert (base and side walls) with frosted top diffuser lens and aluminum track to insert strip for recessed walk over installation. Dimension: 39"L (1M)

Part No.   **PRINTC-G**

8 - MOUNTING CONT. (REQUIRED)

UNIFORM
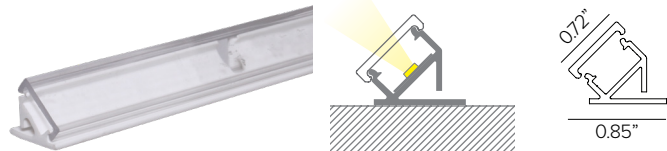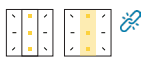*DIRECT VIEW*

BLENDED
DIRECT/INDIRECT
VIEW

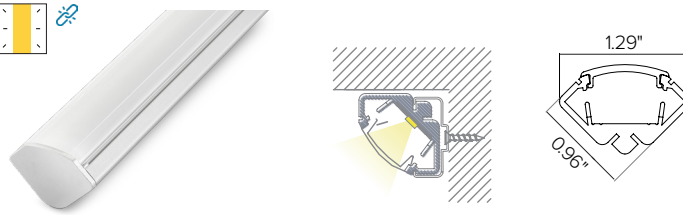**PIXEL**
INDIRECT VIEW

ANGLED PROFILES

0.72"
0.85"

Two-piece 45° PVC mounting tube; white opaque base with cover (clear or frosted). Countersink screw holes, 12" O.C. Dimension: 48"L

Base Part No.	DLC45MCH-4			
Cover Diffusion	Clear	Frosted 10%	Frosted 30%	Frosted 60%
Cover Part No.	DLC45CVR4-C	DLC45CVR4-F10	DLC45CVR4-F30	DLC45CVR4-F60

1.29"
0.96"

45° anodized aluminum rigid profile complete with opal translucent lens. Dimension: 79"L (2M)

Part No.	PRAN-U

9 - POWER SUPPLY (REQUIRED)

ENCLOSURE

Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
DEDDX1001244CDMX	100W	DMX 4 Chan	0%	NEMA3R	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%	NEMA3R	120-277V / 24V	UL Class 2	9.06" x 3.15" x 1.18"	Electronic Addressable DMX Driver. **UL Listed enclosure provided by others.**

MAX INTERCONNECTED TAPE LENGTHS PER DRIVER

Fixture Wattage	100W	2X100W
4.4W	18FT	(2) 18FT

11 - CONTROL (OPTIONAL)

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.
TGDMXSLESAU9		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.
TGDMXSLESAU11		1024	5	99	Indoor	5VDC 120V AC *Plug in power supply included*	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.
TGDMXSTICKDE3B		1024	10	500	Indoor	6-7V DC 120V AC *Plug in power supply included*	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.
TGDMXSTICKDE3W		1024	10	500	Indoor	6-7V DC 120V AC *Plug in power supply included*	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.

PHOTOMETRY
IES FILES SHOWN AT 1M (3.28FT) LENGTHS

-		
-		
Fixture Power	24W	
Source Flux	520lm	
Fixture Flux	520lm	
Efficacy	22lm/W	
Imax	165cd	

845841 Imax=317cd/klm