DURATAPE EXTREME TUNABLE IP20

Dynamic Color Changing Energy Efficient Low Voltage Strip Light

0.59"

4.92"

0.08"

0.83"

Field cut possible every 4.92".

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

IP20   RoHS COMPLIANT   cULus Class2
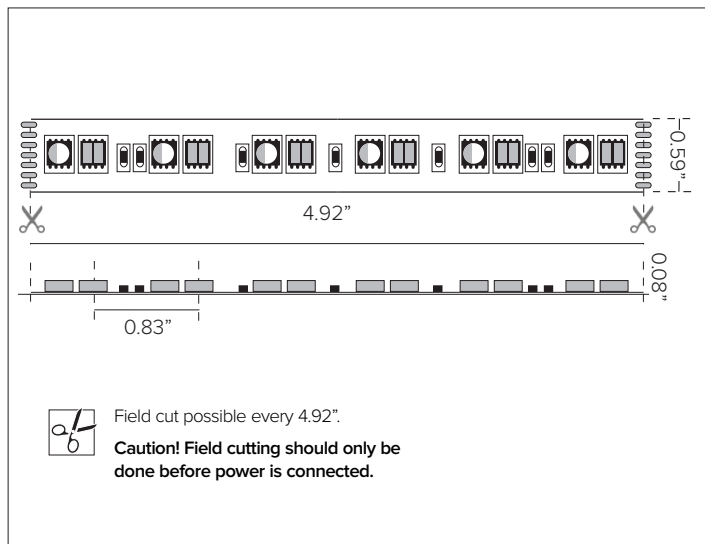
CONCEPT

Color changing strip with both full spectrum RGBA and Tunable White CCT all combined in one linear strip! DURATAPE Extreme Tunable gives the designer the freedom to choose previously unthinkable shades of light without using complex electronic equipment and create the most diverse and new, pleasant and amazing lighting scenes using just one strip.

MECHANICAL CHARACTERISTICS

Materials	Features 6-circuit 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 interior applications such as cove, nitch, architectural decorative application, lighting accents, custom and OEM product designs/chandeliers. Multiple DMX512 driver options available.
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.
Protection	IP20

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	6.9W/ft / 6 Chan
Voltage	24V DC
Trigger Time	< 0.2s
Operating Temp.	-25°C / +35°C
Max Continuous Length	Field trimmable every 4.92". 14ft per run

SOURCE

LEDs	29 LEDs/ft RGBA quad-chip + TW
Spacing	0.83" O.C. LED Spacing

TM30	CCT (Nominal)	CRI	SDCM
	RGBA 1600K	–	3
	TW 3000K–6500K	80	3

Strip & LED Details	Model	W/LED	Delivered Lumens*	Viewing Angle
	Extreme Tunable CCT	0.24W	381Lm/ft	121°
	* Meets Title 24 High efficacy rating.			

Efficacy	55Lm/W
Lifetime	L70/B10 ≥50,000hrs at max TA +25°C

DURATAPE EXTREME TUNABLE IP20

SPECIFICATION INFORMATION

DL					/		/		/		/		/	
1	2	3	4	5		6		7	8		9		10	

REQUIRED (7-9)   **OPTIONAL** (10)

Ex: DLET69I6C24 / 07UI6CBL1 / PRAP-U / DEDDI1001246CDMX

1 - PRODUCT CODE	2 - TYPE	3- WATTAGE	4 - RATING	5 - KELVIN	6 - VOLTAGE
DL — DURATAPE™	**ET** — Extreme Tunable CCT	**69** — 6.9W/ft	**I** — IP20	**6C** — RGBA + TW	**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*

INSTALLATION EXAMPLES

COVE
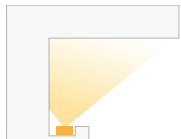
UNDER COUNTER TASK
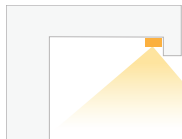
## 7 - END PREP CONNECTION (REQUIRED)

24"

Factory attached single 6 circuit lead wire prep. 24" seven conductor Lead wire/ dead end allows for connection to power at lead end and field trim of Duratape product at the other end.

Part No.	07UI6CBL1

(6-circuit RGBA+CCT) Additional lead wire purchased per foot and factory attached to specified run leads. Lead wire can be field cut to desired length.

Length	Per foot
Part No.	07UI6ADDCBL

24"   24"
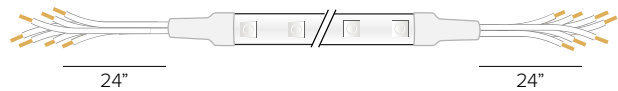
Factory attached double ended 6 circuit lead wire prep. 24" seven conductor lead wire at both ends. One end can be used for power connectivity while the other end can be used for interconnection to run to an additional length of Duratape. ***Caution: Pay attention to max run lengths and voltage drops from total lead/fold wire lengths.***

Part No.	07UI6CBL2

(6-circuit RGBA+CCT)
Additional lead wire purchased per foot and factory attached to specified run leads. Lead wire can be field cut to desired length.

Length	Per foot
Part No.	07UI6ADDCBL

7 - END PREP CONNECTION (OPTIONAL)

DURATAPE 6 circuit crimp connectors, 7ea. Simplifies custom splice connections in the field. To be used for in-line connections, connecting to other lead wires, etc.
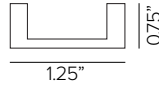
Part No.	07U6IADDCON

8 - MOUNTING (REQUIRED)

WEBSITE LINK *SPEC SHEET*

UNIFORM *DIRECT VIEW*

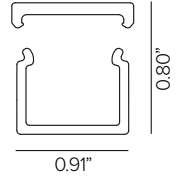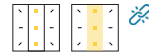**BLENDED** DIRECT/INDIRECT VIEW

PIXEL INDIRECT VIEW

SURFACE PROFILES

0.75"
1.25"

Rigid aluminum "U" channel. Countersink screw holes, 12" O.C. Dimension: 96"L.

Part No.	DL88ALUMU8

0.80"
0.91"

Two-piece PVC mounting tube; white opaque base with cover (clear or frosted). Countersink screw holes, 12" O.C. Dimension: 96"L

Cover Diffusion	Clear	Frosted 10%	Frosted 30%	Frosted 60%
Part No.	DLHV2PCC	DLHV2PCF10-8	DLHV2PCF30-8	DLHV2PCF60-8

0.76"
0.87"
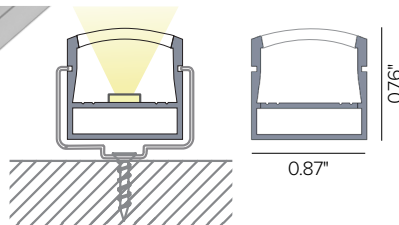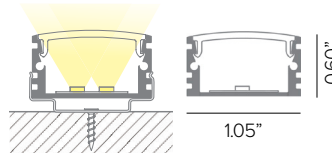
Surface mount anodized aluminum rigid profile complete with opal translucent lens. Dimension: 79"L (2M)

Part No.	PRAP-U

2.87"
2.44"
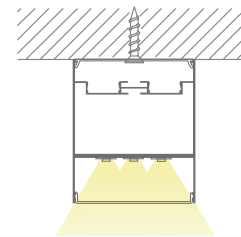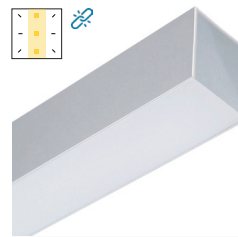
Aluminum profile with frosted polycarbonate lens for surface mount. Dimension: 48"L.

Part No.	PRDESO

0.60"
1.05"
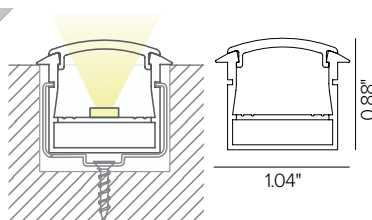
Aluminum profile with opal polycarbonate lens for surface or recessed with suitable clips. Dimension: 118"L (3M). ***Profile must be shipped via freight only. For efficient shipping via UPS/FedEx, lengths can be cut to 59" upon request.***
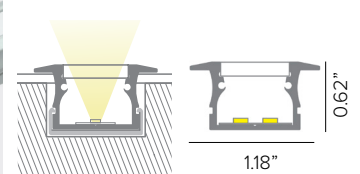
Part No.	P04B-S-PF-300

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

0.62"
1.18"

Aluminum profile with frosted polycarbonate lens for recessed installation. 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.***
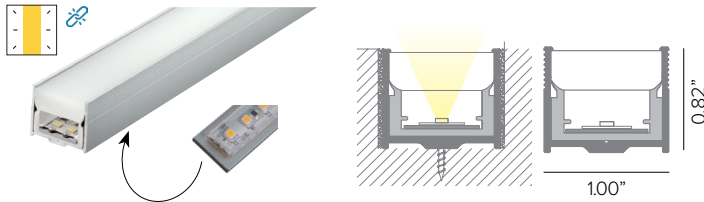
Part No.	P04H-S-PF-300

DURA LAMP

8 - MOUNTING CONT. (REQUIRED)

WEBSITE LINK *SPEC SHEET*

UNIFORM *DIRECT VIEW*

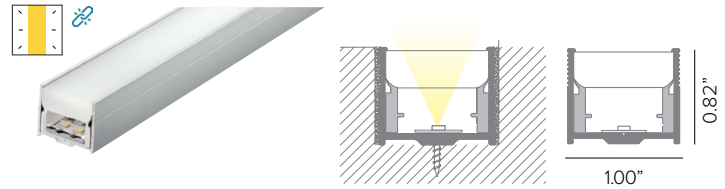**BLENDED** DIRECT/INDIRECT VIEW

PIXEL INDIRECT VIEW

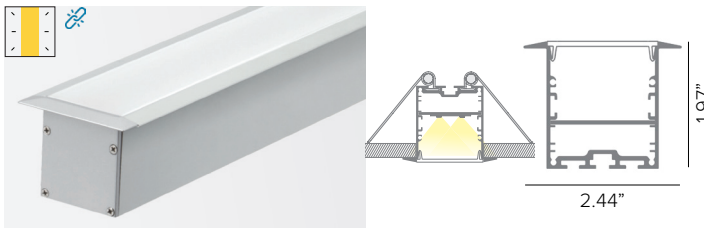### RECESSED PROFILES CONT.

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**

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)
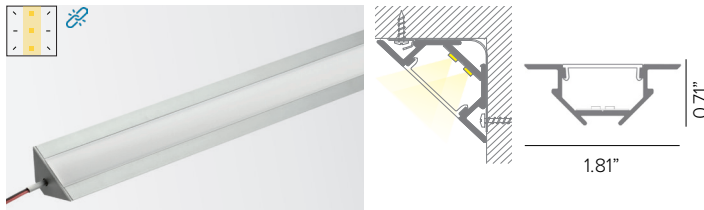
Part No.	**PRINTC-GUS**

1.97"

2.44"

Aluminum profile with opal polycarbonate lens for recessed installation. 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.	**P08D-S-PF-300**

ANGLED PROFILES

0.71"

1.81"

Aluminum profile with opal polycarbonate lens for surface in 90º angles. 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.***
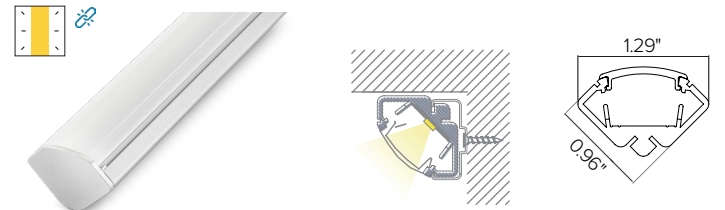
Part No.	**P04F-S-PF-300**

1.29"

0.96"

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

Part No.	**PRAN-U**

0.97"

1.27"

1.12"

Two-piece 45° PVC mounting tube; white opaque base with cover (clear or frosted). Countersink screw holes, 12" O.C. Dimension: 96"L

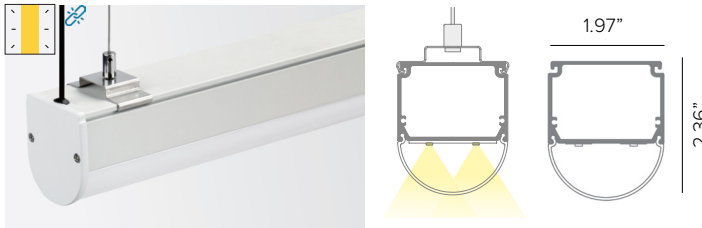| Base Part No.	**DLHV45MCH-8**			
Cover Diffusion	Clear	Frosted 10%	Frosted 30%	Frosted 60%
Cover Part No.	DLHV45CVR-8C	DLHV45CVR-8F10	DLHV45CVR-8F30	DLHV45CVR-8F60

8 - MOUNTING CONT. **(REQUIRED)**

SUSPENDED PROFILES
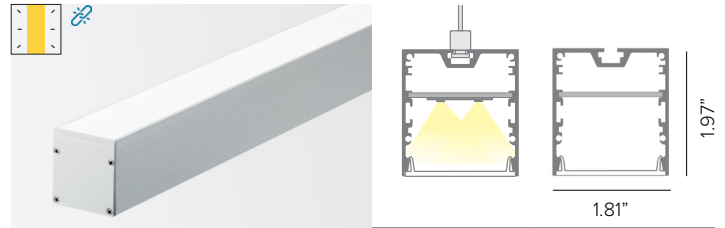
WEBSITE LINK *SPEC SHEET*

UNIFORM *DIRECT VIEW*

BLENDED DIRECT/INDIRECT VIEW

PIXEL INDIRECT VIEW

1.97"

2.36"

Aluminum profile with domed 180º opal polycarbonate lens for suspension installation. 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.	**P07A-S-PF-300**

1.97"

1.81"

Aluminum profile with opal polycarbonate lens for suspension installation. 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.*
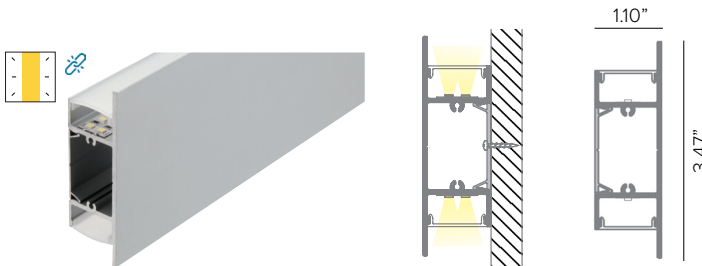
Part No.	**P01L-S-PF-300**

WALL MOUNT PROFILE

1.10"

3.47"

Wall mount aluminum profile with two opal polycarbonate lenses for direct/indirect illumination. 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.	**P06A-S-PF-300**

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9 - POWER SUPPLY (REQUIRED)

ENCLOSURE

Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
DEDDI1001246CDMX	100W	DMX 6 Chan	0%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.
DEDDI2002246CDMX	2X100W	DMX 6 Chan	0%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.

MAX INTERCONNECTED TAPE LENGTHS PER DRIVER

Fixture Wattage	100W	2X100W
6.9W	13FT	(2) 13FT

10 - CONTROL (OPTIONAL)

Part No.		Channels	Scenes	Zones	Rating	Voltage	Certification	Dimensions	Description
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

4000K		H(m)	D(m)	Emax(lx)
Ra80			121°	
Fixture Power	23W	1	3.57	395
Source Flux	1250lm	2	7.13	99
Fixture Flux	1250lm	3	10.70	44
Efficacy	54lm/W	4	14.27	25
Imax	396cd	5	17.83	16

950187   Imax=317cd/klm