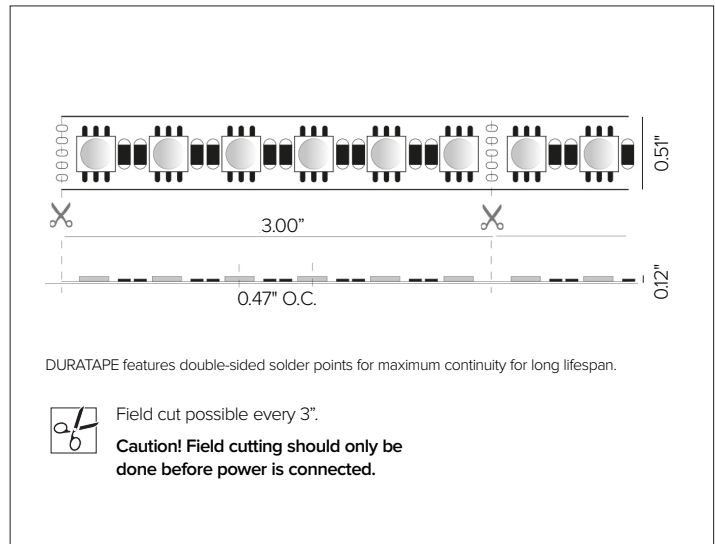
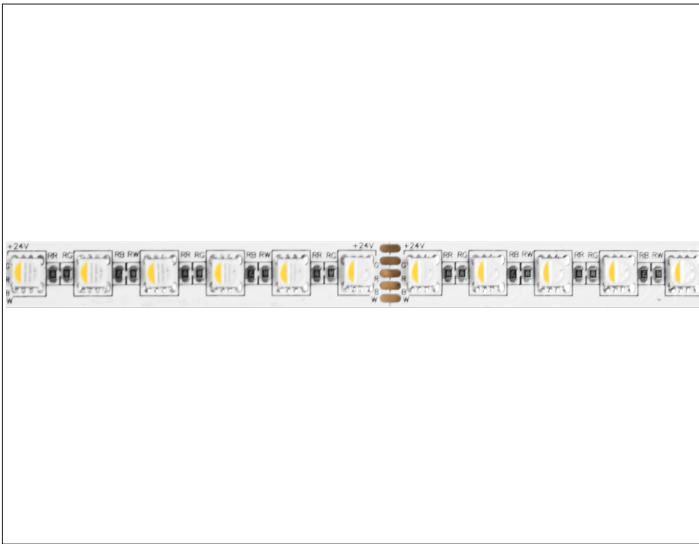


# DURATAPE RGBW IP20

## Dynamic Color Changing Energy Efficient Low Voltage Strip Light



### 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

<b>Materials</b>	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.
<b>Functionality</b>	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 mounted or inserted into thermally protective profiles, see available options.
<b>Protection</b>	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

<b>Power Connection</b>	Factory attached end prep, see available options. Remote Class 2 power supply with DMX/RGBW interface required, see available options. Refer to Targetti <a href="#">Onsite Services</a> for additional programming and installation support.
<b>Wattage</b>	4.4W/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>	Field trimmable every 3". 16ft

### SOURCE

<b>LEDs</b>	25 quad chip LEDs per foot			
<b>Spacing</b>	0.33" O.C. LED Spacing			
<b>TM30</b>	<b>CCT (Nominal)</b>	<b>SDCM</b>		
	RGBW 2700K 	2		
<b>Strip &amp; LED Details</b>	<b>Model</b>	<b>W/LED</b>	<b>Delivered Lumens*</b>	<b>Viewing Angle</b>
	RGBW	0.18W	158.5Lm/ft	120°
* Meets Title 24 High efficacy rating.				
<b>Efficacy</b>	36Lm/W			
<b>Lifetime</b>	L70/B10 >40,000hrs at max TA +25°C			

# DURATAPE RGBW IP20

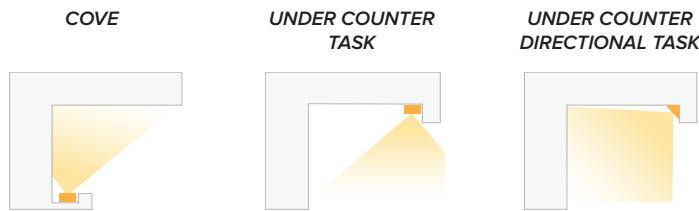
## SPECIFICATION INFORMATION

<b>DL</b>								
1	2	3	4	5	6	7	8	9

Ex: DLHO44IRGBW24 / 07UI4CBL1 / PRAP-U / DEDDI1001244CDMX

1 - PRODUCT CODE	2 - TYPE	3 - WATTAGE	4 - RATING	5 - KELVIN	6 - VOLTAGE
DL — DURATAPE™	HO — High Output	44 — 4.4W/ft	I — IP20	RGBW — RGBW	24 — 24V DC
7 - END PREP CONNECTION	8 - MOUNTING	9 - DRIVER			
<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>			

## INSTALLATION EXAMPLES



# DURATAPE RGBW IP20

## 7 - END PREP CONNECTION (REQUIRED)



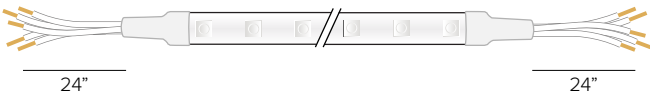
DURATAPE factory attached single 4 circuit lead wire end prep. Lead wire/dead end allows for connection to power at lead end and field trim of Duratape product at the other end. Translucent wire with positive/negative identification that easily blends into the mounting environments.

Part No. **07UI4CBL1**

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

Length Per foot

Part No. **07UI4ADDCBL1**



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 DURATAPE 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. **07UI4CBL2**

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

Length Per foot

Part No. **07UI4ADDCBL1**

## 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. **07U41ADDCON**

# DURATAPE RGBW IP20

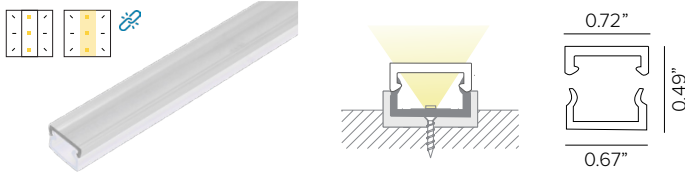
## 8 - MOUNTING (REQUIRED)

[WEBSITE LINK](#)  
[SPEC SHEET](#)
 **UNIFORM**  
DIRECT VIEW

 **BLENDED**  
DIRECT/INDIRECT  
VIEW

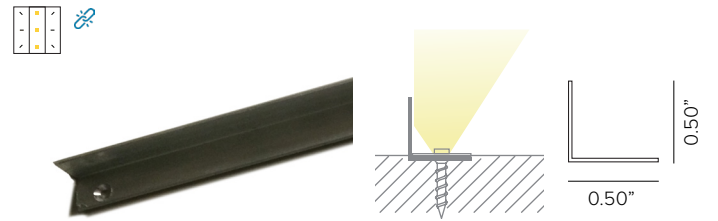
 **PIXEL**  
INDIRECT VIEW

### CLIPS AND SURFACE PROFILES



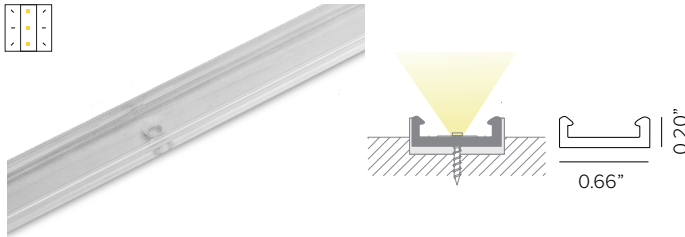
Two-piece PVC mounting tube, white opaque base with cover (clear or frosted). Countersink screw holes, 12" O.C. Dimension: 48"L.

Cover Diffusion	Clear	Frosted 10%	Frosted 30%	Frosted 60%
Part No.	<b>DLW2PCC</b>	<b>DLW2PCF10</b>	<b>DLW2PCF30</b>	<b>DLW2PCF60</b>



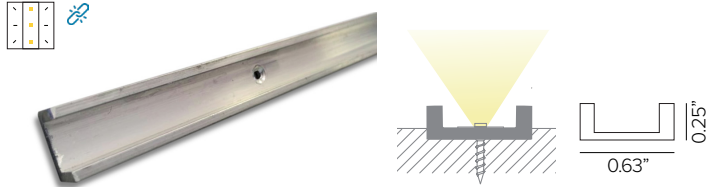
Aluminum L-Profile 1/2" x 1/2" for linear run lengths. Duratape can be mounted at either 0° or 90° mounting positions. Countersink screw holes, 12" O.C. Dimension: 96"L.

Part No. **DLALUML8**



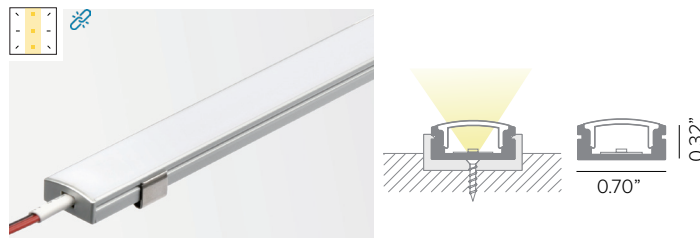
Clear PVC "U" channel. Countersink screw holes, 12" O.C. Dimension: 96"L.

Part No. **DL-MCHAN-8**



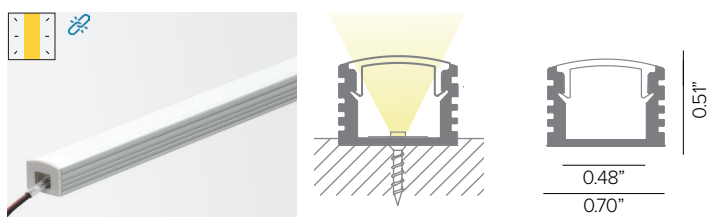
Rigid aluminum "U" channel. Countersink screw holes, 12" O.C. Dimension: 96"L.

Part No. **DLALUMU8**



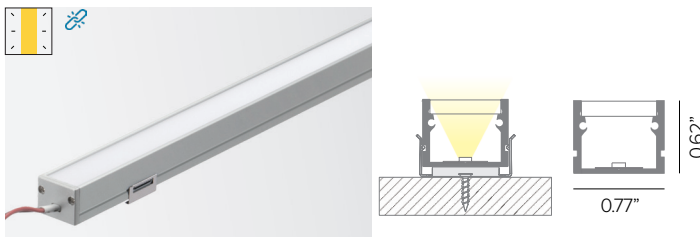
Aluminum profile with white polycarbonate lens for surface or recessed installation with limited width. Dimension: 118"L (3M). **Profile must be shipped via freight only. For efficient shipping via UPS/FedEx, lengths can be cut to 59" upon request.**

Part No. **P01B-S-PF-300**



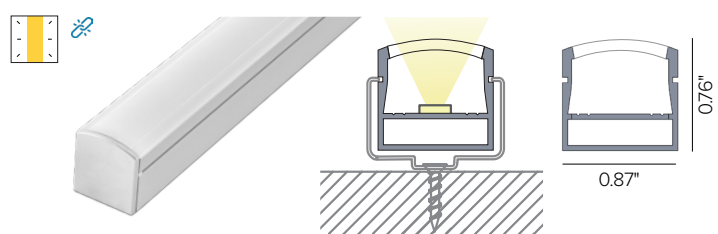
Aluminum profile with white PMMA screen for surface or recessed installation with limited width. Equipped with angle-joint accessory. Available in 118in (3M) lengths.

Part No. **P02B-S-PF-300**



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**



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

Part No. **PRAP-U**

# DURATAPE RGBW IP20

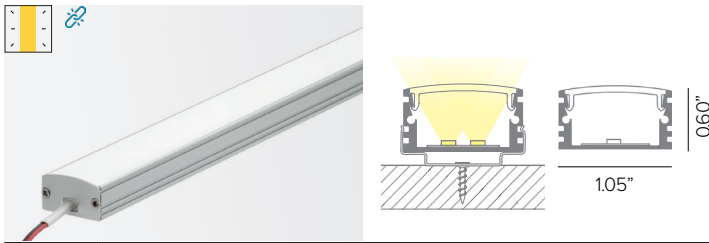
## 8 - MOUNTING CONT. (REQUIRED)

[WEBSITE LINK](#)  
[SPEC SHEET](#)
 **UNIFORM**  
DIRECT VIEW

 **BLENDED**  
DIRECT/INDIRECT  
VIEW

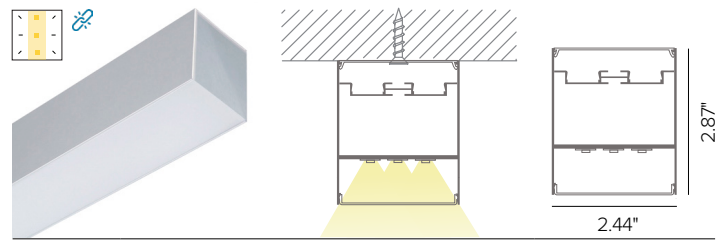
 **PIXEL**  
INDIRECT VIEW

### SURFACE PROFILES CONT.



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.**

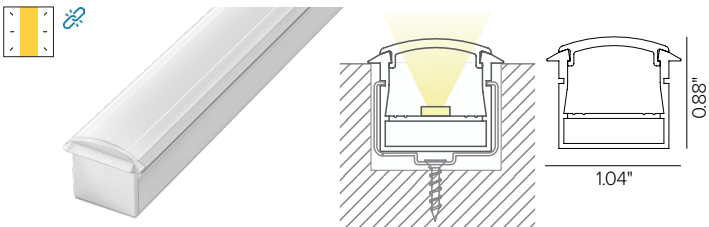
Part No. **P04B-S-PF-300**



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

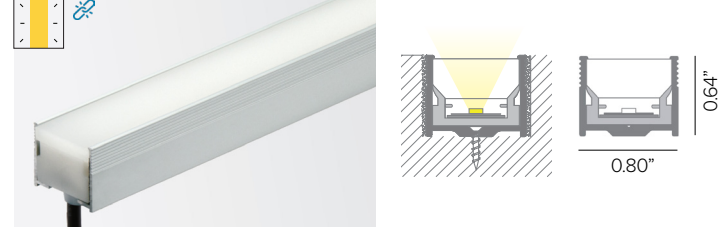
Part No. **PRDESO**

### RECESSED PROFILES



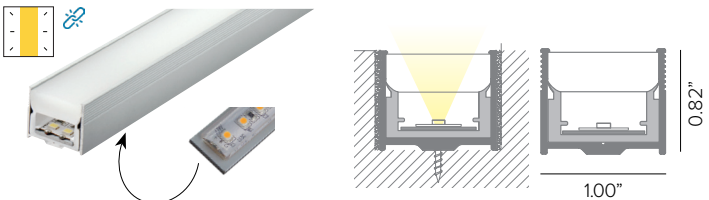
Recessed flush mount anodized aluminum rigid profile complete with opal translucent lens. Dimension: 79"L (2M)

Part No. **PRIN-U**



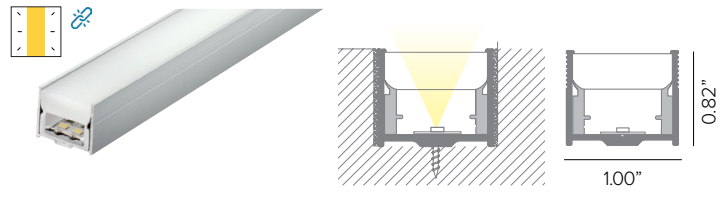
Aluminum high impact walk over rated profile with frosted polycarbonate lens for recessed installation. Dimension: 118"L (3M). **Profile must be shipped via freight only. For efficient shipping via UPS/FedEx, lengths can be cut to 59" upon request.**

Part No. **P03E-S-PF-300**



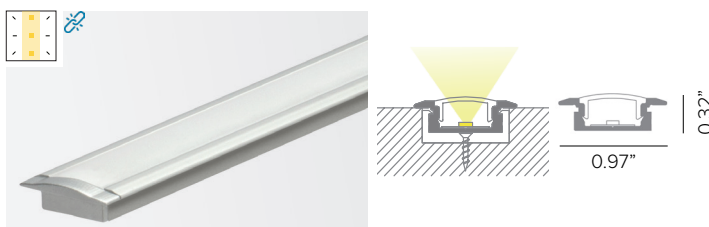
Rigid high impact three part profile with aluminum channel, white polycarbonate insert (base and side walls) with frosted top diffuser lens and aluminum track to insert strip for recessed walk over installation. Dimension: 39"L (1M)

Part No. **PRINTC-G**



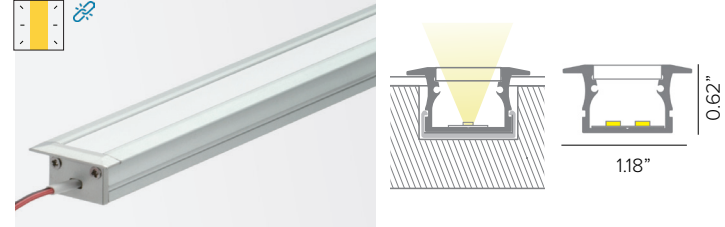
Rigid high impact two part profile with aluminum channel and white polycarbonate insert (side walls) with frosted top diffuser lens for surface or recessed mounting. Dimension: 39"L (1M)

Part No. **PRINTC-GUS**



Aluminum profile with opal polycarbonate lens for recessed installation with limited width. 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. **P02H-S-PF-300**



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**

# DURATAPE RGBW IP20

## 8 - MOUNTING CONT. (REQUIRED)

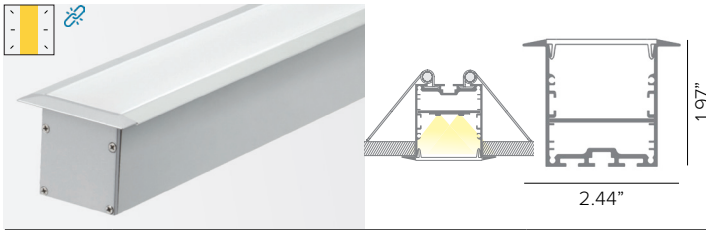
[WEBSITE LINK](#)  
[SPEC SHEET](#)

 **UNIFORM**  
DIRECT VIEW

 **BLENDED**  
DIRECT/INDIRECT  
VIEW

 **PIXEL**  
INDIRECT VIEW

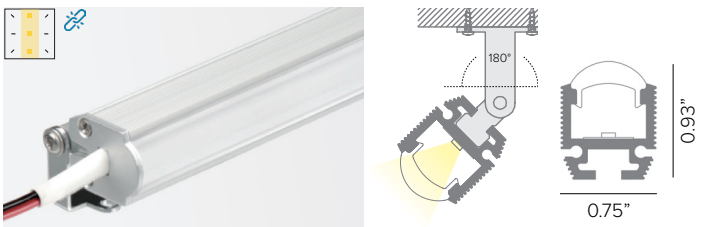
### RECESSED PROFILES CONT.



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.**

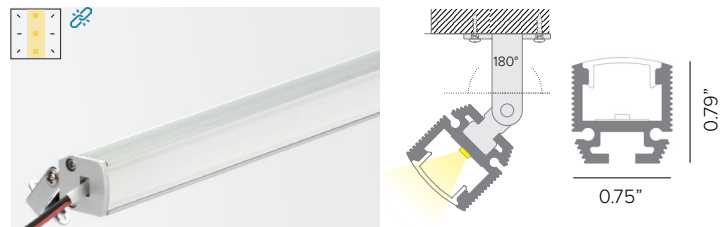
Part No. **P08D-S-PF-300**

### ADJUSTABLE PROFILES



Surface mount adjustable aluminum profile with frosted PMMA lens. Lens shape creates narrower illumination. Lens shape creates narrower 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. **P03C-S-PF-300**



Surface mount adjustable aluminum profile with opal polycarbonate lens.  
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. **P02C-S-PF-300**

# DURATAPE RGBW IP20

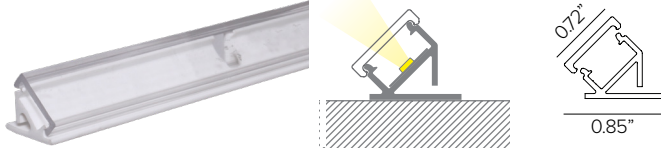
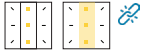
## 8 - MOUNTING CONT. (REQUIRED)

[WEBSITE LINK](#)  
[SPEC SHEET](#)
 **UNIFORM**  
DIRECT VIEW

 **BLENDED**  
DIRECT/INDIRECT  
VIEW

 **PIXEL**  
INDIRECT VIEW

### ANGLED PROFILES

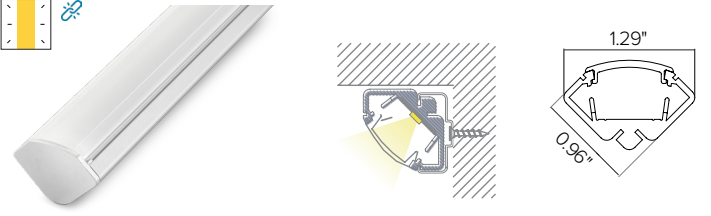


Two-piece 45° PVC mounting tube; white opaque base with cover (clear or frosted). Countersink screw holes, 12" O.C. Dimension: 48"L

Base  
Part No. **DLC45MCH-4**

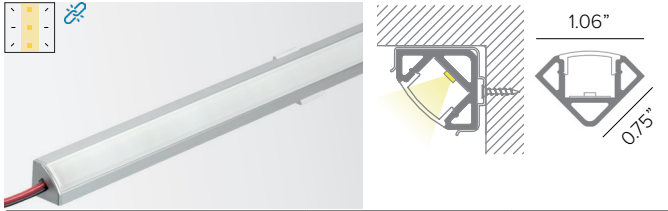
Cover Diffusion	Clear	Frosted 10%	Frosted 30%	Frosted 60%
Part No.	<b>DLC45CVR4-C</b>	<b>DLC45CVR4-F10</b>	<b>DLC45CVR4-F30</b>	<b>DLC45CVR4-F60</b>

Part No. **DLC45CVR4-C** **DLC45CVR4-F10** **DLC45CVR4-F30** **DLC45CVR4-F60**



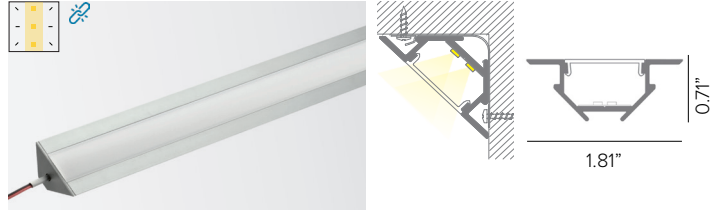
45° anodized aluminum rigid profile complete with opal translucent lens. Dimension: 79"L (2M)

Part No. **PRAN-U**



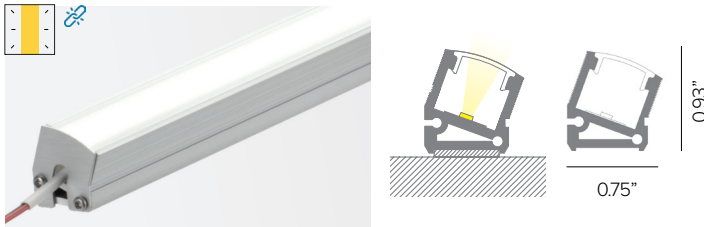
45° aluminum profile with opal polycarbonate lens for surface or recessed corner applications. Dimension: 118"L (3M). **Profile must be shipped via freight only. For efficient shipping via UPS/FedEx, lengths can be cut to 59" upon request.**

Part No. **P03F-S-PF-300**



Aluminum profile with opal polycarbonate lens for surface in 90° 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**



Fixed 30° angled aluminum profile opal polycarbonate lens for surface 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. **P04C-S-PF-300**

# DURATAPE RGBW IP20

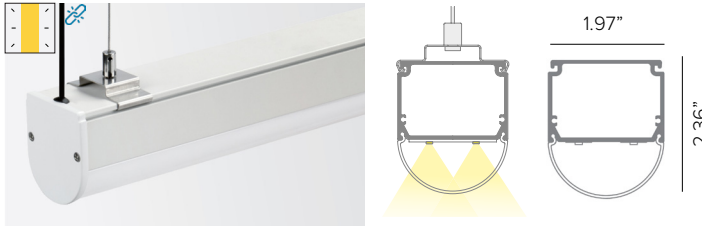
## 8 - MOUNTING CONT. (REQUIRED)

[WEBSITE LINK](#)  
[SPEC SHEET](#)
 **UNIFORM**  
DIRECT VIEW

 **BLENDED**  
DIRECT/INDIRECT  
VIEW

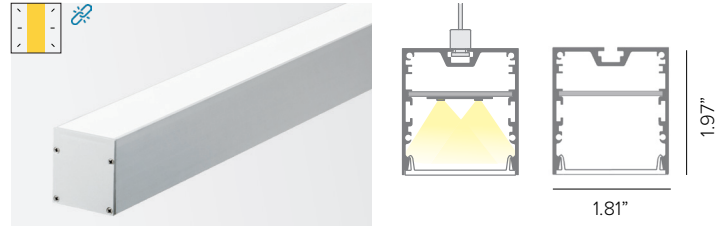
 **PIXEL**  
INDIRECT VIEW

### SUSPENDED PROFILES



Aluminum profile with domed 180° 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.**

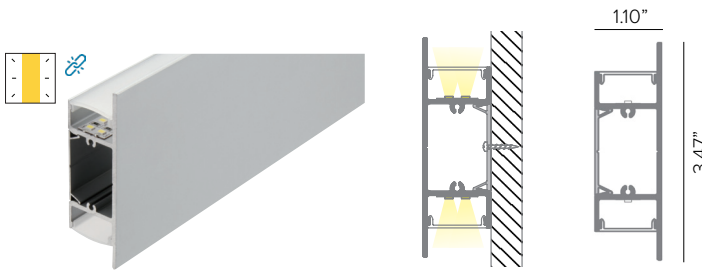
Part No. **P07A-S-PF-300**



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



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**



# DURATAPE RGBW IP20






## 9 - POWER SUPPLY (REQUIRED)

ENCLOSURE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
DEDD1001244CDMX	100W	DMX 4 Chan	0%	NEMA1	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.
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. <b>UL Listed enclosure provided by others.</b>

### MAX INTERCONNECTED TAPE LENGTHS PER DRIVER

Fixture Wattage	100W	2X100W
	4.4W 20FT	(2) 20FT

## 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 Slesla 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 Slesla 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.

# DURATAPE RGBW IP20

## PHOTOMETRY

IES FILES SHOWN AT 1M (3.28FT) LENGTHS

