DURATAPE™ EXTRA NARROW RGB
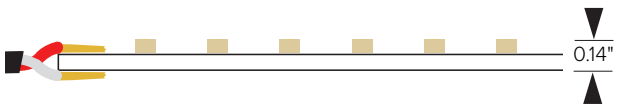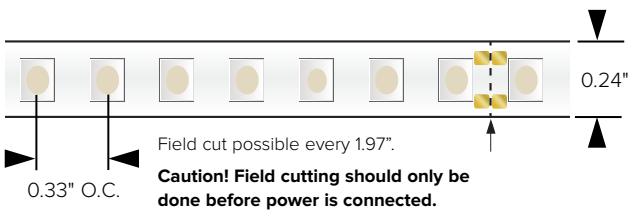## INDOOR IP20

DURA LAMP

a brand of TARGETTI

KEY FEATURES

- Energy efficient mid output narrow spaced LED flexible linear light strip with small substrate for continuous consistant color in linear applications.
- Ideal for IP20 interior tight nitch spaces applications such as cove, under-counter/cabinet, lighting accents, or OEM pannel illumination.
- Sold per foot and manufactured to specified lengths with factory attached end preps.
- Features double sided 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.
- Features double sided solder points for maximum conductivity and durability.
- Pre-assembled to specific lengths with various connector options for project requirements and efficient power configuration.
- Max continuous length: up to 16' per run
- Multiple control options available.

IP20 RoHS cULus Class 2

DETAILS

Spacing	0.33" OC LED Spacing
LEDs	36 LEDs per foot
Wattage	4.4W/ft
Color Temp	Red 620nm, Green: 525nm, Blue: 470nm
Color Consistency	Bin centered on the Planck curve with a 2 step MacAdam tolerance.
End Preps	Factory prepped end preps available (See Page 2)
Mounting	Includes installation-ready 3M tape adhesive for simplified installation directly to mounting channel or application surface
Installation	Optional mounting channels and clips, protective lens covers for optimal maintainance. Field trimmable every 1.97".
Power Supply	Listed Class 2 output, 24V DC power supply required
Certifications	cULus Class 2 Listed E471161 Tested in accordance with LM-79-08 Energy efficient for California installations.
Compliance	ROHS compliant
Warranty	5 year warranty

DIMENSIONAL DRAWINGS

0.24"

Field cut possible every 1.97".

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

0.33" O.C.

0.14"

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

FIXTURE DATA

Model	Efficacy* Lm/Wt	Lm/Ft	Wt/Ft
RGB	42	183	4.4

LED DATA

Model	Wt/LED	Viewing Angle	Lifespan at 90% drive
RGB	0.03W	120°	40,000hrs

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

DESIGN INSTALLATION EXAMPLES

Cove

Under Counter Task

Under Counter Directional Task

PRODUCT CODE	TYPE	WATTAGE	IP RATING	LED COLOR	VOLTAGE	+	END PREP	+	MOUNTING	+	POWER SUPPLY
DL — Duratape™	**XN** — Extra Narrow	**44** — 4.4 W/ft	**I** — Indoor IP20	**RGB** — Red: 620nm, Green: 525nm Blue: 470nm	**24** — 24V DC						

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END PREPS AND CONNECTORS

A **B** **C** **D**
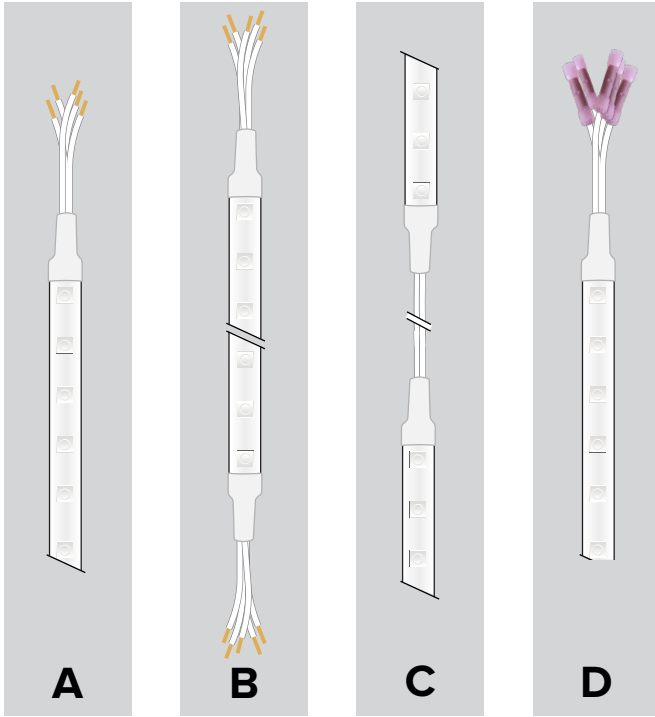
REQUIRED END PREPS:
(One required for each run of tape)

A

07UI3CBL1 (3-circuit RGB)
Factory attached single 3 circuit lead wire prep. 24" four conductor Lead wire/dead end allows for connection to power at lead end and field trim of Duratape product at the other end.

07UI3ADDCBL: ADDITIONAL LEAD WIRE (3-circuit RGB)
Additional lead wire purchased per foot and factory attached to specified run leads. Lead wire can be field cut to desired length.

B

07UI3CBL2 (3-circuit RGB)
Factory attached double ended 3 circuit lead wire prep. 24" four 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.

07UI3ADDCBL: ADDITIONAL LEAD WIRE (3-circuit RGB)
Factory attached single 3 circuit lead wire prep. 24" four conductor Lead wire/dead end allows for connection to power at lead end and field trim of Duratape product at the other end.

C

07UI3FOLDCBL-XX (3-circuit RGB)
Factory attached 3 circuit wire fold (specified length). Wire folds are factory attached to Duratape to meet your specified installation requirements. Wire fold lengths available are 2", 3", 4", 6", 12". Add length number to end of part number.

OPTIONAL CONNECTORS:

D

07UI3ADDCON (3-circuit RGB)
Additional 3 circuit connectors. Lead wire connectors 3/ea per connection.

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PROFILE OPACITY LEVEL KEY:
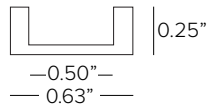

Uniform
Direct View

Blended
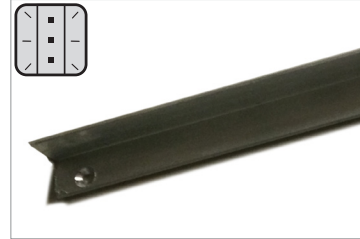Direct / Indirect View

Pixelated
Indirect View

SURFACE PROFILES

0.25"
—0.50"—
— 0.63" —
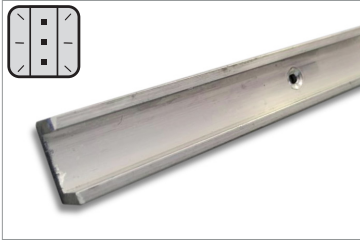
DL-ALUM-U-8
Low profile aluminum U-Profile for linear run lengths. Available in 8ft lengths.


0.50"
— 0.50" —
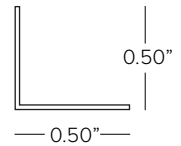
DL-ALUM-L-8
Aluminum L-Profile 1/2" x 1/2" for linear run lengths. Duratape can be mounted at either 0º or 90º mounting positions. Available in 8ft lengths.

0.45"
0.24"

P01A-S-PF-200
Compact aluminum profile with polycarbonate screen for surface or flush recessed installation. 6063 aluminum profile with white polycarbonate screen. Surface or recessed with suitable clips. Cabling can be in line with the profile, at the bottom or on the side. Available in 79in (2M) lengths.
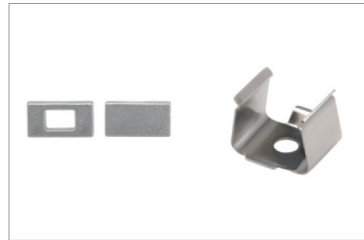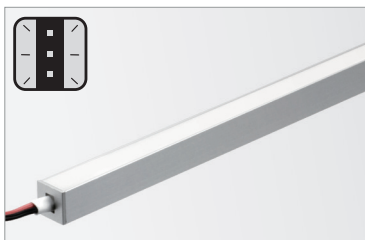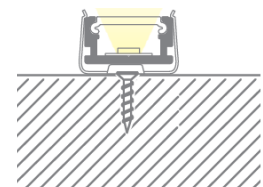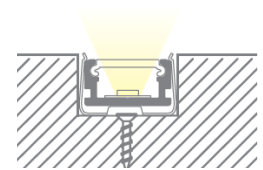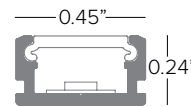
P01A-A-EC
(2) sets of end caps (with and without hold for power). Screws not included.

P01A-A-MC
(4 pcs) Metal mounting clips.

0.39"
0.39"
0.33"

P02A-S-PF-200
Compact aluminum profile with polycarbonate screen for surface or flush recessed installation. Available in 79in (2M) lengths.
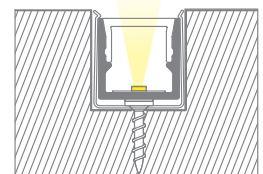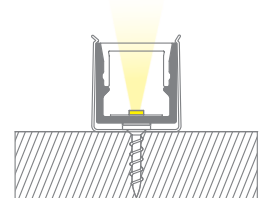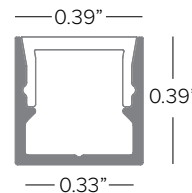
P02A-A-EC
2+2 pc silver end caps.

P02A-A-MC
4 Metal mounting clips.

SURFACE PROFILES CONT.

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.

NOTE: 118 inch lengths must be shipped via freight only. For efficient shipping via UPS/Fedex, lengths can be cut to 59 inch upon request.
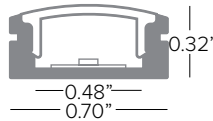

P01B-A-EC
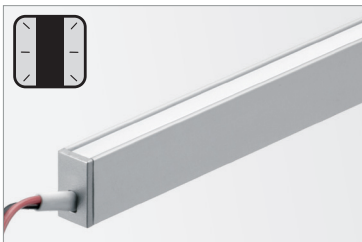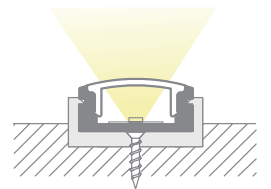3+3 pc silver end caps.

P01B-A-MC
4 Metal mounting clips.

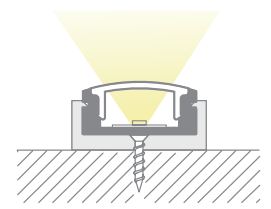0.32"
0.48"
0.70"

P01B-A-CP
3 pc silver color junction brackets.

P01B-A-CP90
3 pc silver color 90º junction brackets.

P03A-S-PF-200
Aluminum profile with polycarbonate screen for surface or recessed with suitable clips. Available in 79in (2M) lengths.
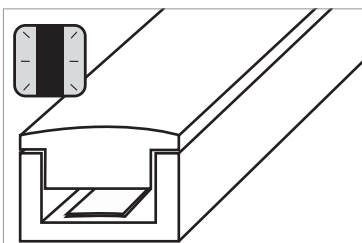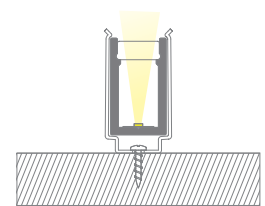

P03A-A-EC
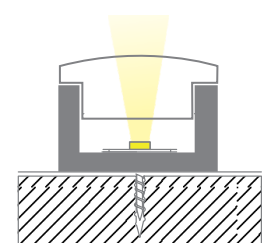2+2 pc silver end caps.

P03A-A-MC
4 Metal mounting clips.

0.62"
0.24"
0.35"
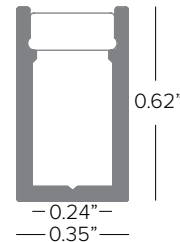
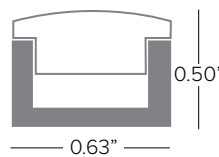

DL-ALUM-C-6
Surface mounted two-piece continuous illumination profile. 1/2"H x 5/8"W aluminum U-channel with 6" OC screw holes. Snap in full diffusion lens for shadowless light distribution. Available in 6ft lengths.

0.50"
0.63"

DURATAPE™ EXTRA NARROW RGB
INDOOR IP20

DURALAMP
a brand of TARGETTI

Power Supply (REQUIRED)	Type	Wattage	Input/Output Voltage	Dimmable	IP Rating	Output	Dimensions
DEDDI1001243CDMX	ELECTRONIC ADDRESSABLE DMX DRIVER	100W	120-277V / 24V	DMX CONTROL 3 CHANNEL	NEMA1 ENCLOSURE	UL CLASS 2	12" x 12" x 4"[1]
DEDDI2002243CDMX	ELECTRONIC ADDRESSABLE DMX DRIVER	2X100W	120-277V / 24V	DMX CONTROL 3 CHANNEL	NEMA1 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.

MAXIMUM INTERCONNECTED TAPE LENGTH PER DRIVER

Fixture Wattage	Driver Wattage							
	40W	60W	96W	90W	2X90W	3X90W	100W	2X100
4.4W/ft	7FT	10FT	17FT	16FT	(2) 16FT	(3) 16FT	18FT	(2) 18FT

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