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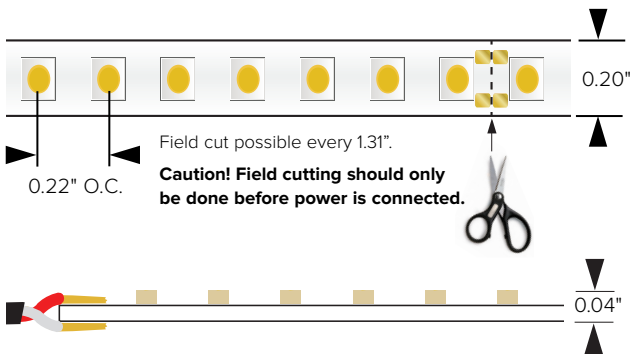
DURATAPE™ EXTRA NARROW

INDOOR IP20

KEY FEATURES

- Energy efficient mid output narrow spaced LED flexible linear light strip with small substrate for continuous consistent color in linear applications.
- Ideal for IP20 interior tight niche spaces applications such as cove, under-counter/cabinet, lighting accents, or OEM panel 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 22' per run
- Multiple dimming options available.

DIMENSIONAL DRAWINGS



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



DETAILS

Spacing	0.22" OC LED Spacing
LEDs	55 LEDs per foot
Wattage	2.2W/ft
Color Temp	2200°K / 2700°K / 3000°K / 3500°K / 4000°K
Color Consistency	Bin centered on the Planck curve with a 2 step MacAdam tolerance.
CRI	Ra >90
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, thermal channels for optimal maintainance. Field trimmable every 1.31"
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
Warranty	5 year warranty

FIXTURE DATA

Model	Efficacy* Lm/Wt	Lm/Ft	Wt/Ft
3000°K			
XN	81.8*	180	2.2

* Meets Title 24 High efficacy rating.

LED DATA

Model	Wt/LED	Viewing Angle	Lifespan at 90% drive
XN 2.2W/ft	0.04W	120°	60,000hrs

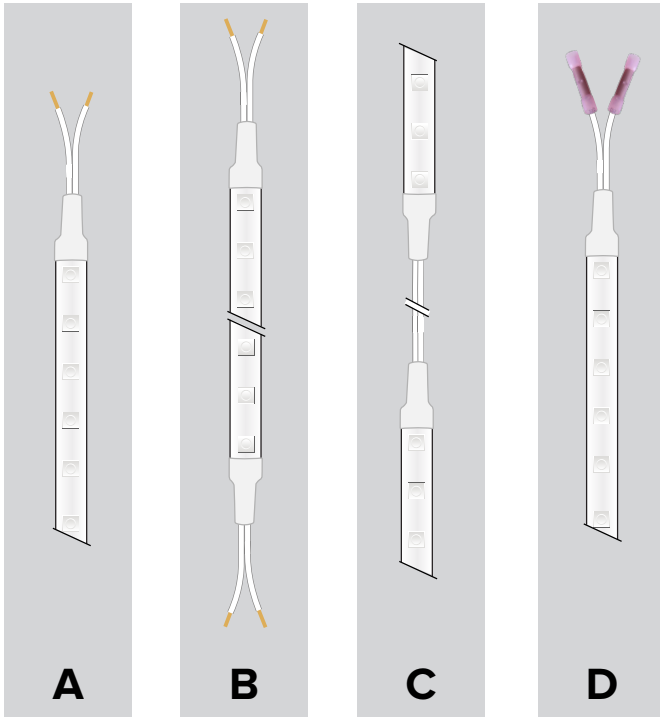
* LEDs operating at 90% of LED manufacturers maximum current rating.

DESIGN INSTALLATION EXAMPLES



PRODUCT CODE	TYPE	WATTAGE	IP RATING	COLOR TEMP	VOLTAGE	+	END PREP	+	MOUNTING	+	POWER SUPPLY
DL — Duratape™	XN — Extra Narrow	22 — 2.2 W/ft	I — Indoor IP20	22 — 2200°K 27 — 2700°K 30 — 3000°K 35 — 3500°K 40 — 4000°K	24 — 24V DC						

END PREPS AND CONNECTORS (REQUIRED) - Choose 1



REQUIRED END PREPS:

(One required for each run of tape)

A

07U11CBL1: END PREP

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

07U11ADDCBL-XX: ADDITIONAL LEAD WIRE

Additional lead wire purchased per foot and factory attached to specified run leads. Lead wire can be field cut to desired length.

B

07U11CBL2: END PREP

Factory attached double ended lead wire prep. 24" 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.**

07U11ADDCBL-XX: ADDITIONAL LEAD WIRE

Additional lead wire purchased per foot and factory attached to specified run leads. Lead wire can be field cut to desired length.

C

07U11FOLD CBL-XX

Wire fold (specified length). Wire folds are factory attached to Duratape to meet your specified installation requirements. Wire fold lengths available are 1", 2", 3", 4", 6", 12". Add length number to end of part number. **Caution: Pay attention to max run lengths and voltage drops from total lead/fold wire lengths.**

OPTIONAL CONNECTORS:

D

07U11ADDCON

Additional connectors. Lead wire connectors 2/ea per connection.

PROFILE OPACITY LEVEL KEY:



Uniform
Direct View

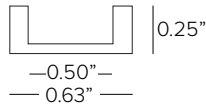
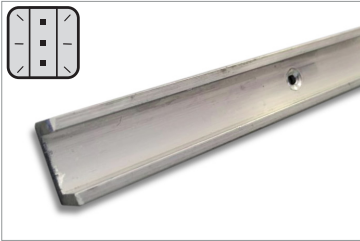


Blended
Direct / Indirect View



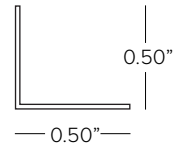
Pixelated
Indirect View

SURFACE PROFILES



DL-ALUM-U-8

Low profile aluminum U-Profile for linear run lengths. Available in 8ft lengths.



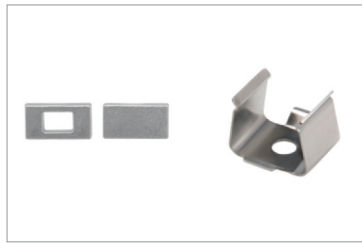
DL-ALUM-L-8

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



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.

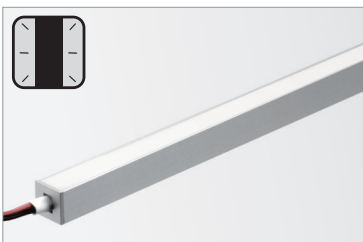
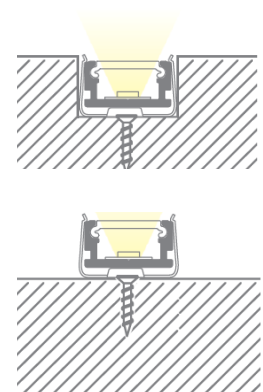
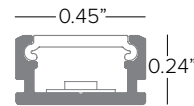


P01A-A-EC

(2) sets of end caps (with and without hold for power). Screws not included.

P01A-A-MC

(4 pcs) Metal mounting clips.



P02A-S-PF-200

Compact aluminum profile with polycarbonate screen for surface or flush recessed installation. Available in 79in (2M) lengths.

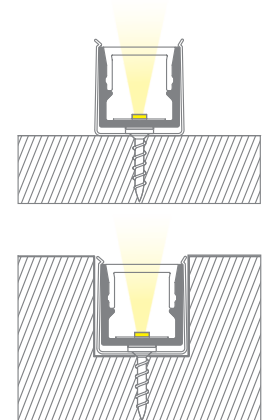
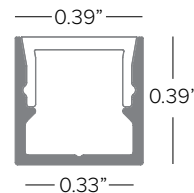


P02A-A-EC

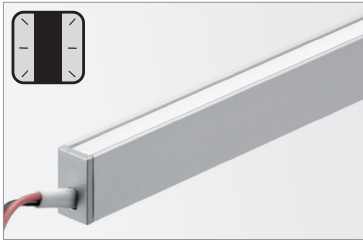
2+2 pc silver end caps.

P02A-A-MC

4 Metal mounting clips.

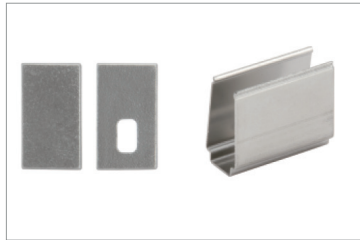


SURFACE PROFILES CONT.



P03A-S-PF-200

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

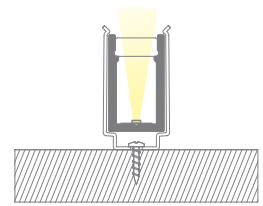
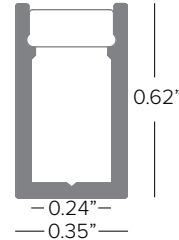


P03A-A-EC

2+2 pc silver end caps.

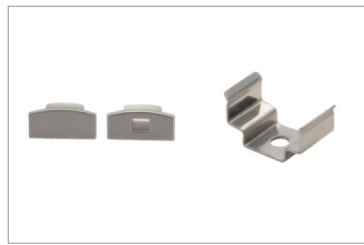
P03A-A-MC

4 Metal mounting clips.



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.



P01B-A-EC

3+3 pc silver end caps.

P01B-A-MC

4 Metal mounting clips.

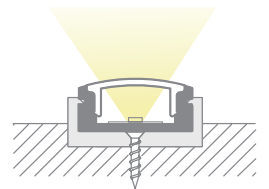
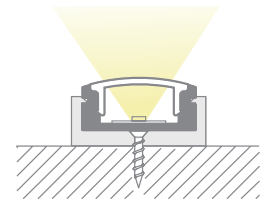


P01B-A-CP

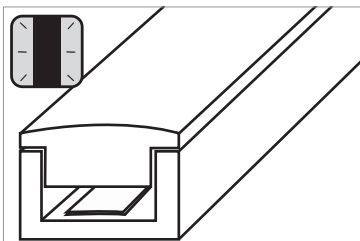
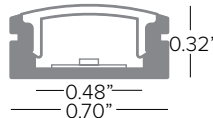
3 pc silver color junction brackets.

P01B-A-CP90

3 pc silver color 90° junction brackets.

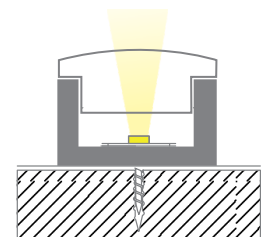
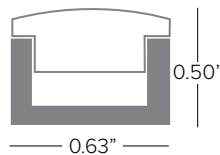


NOTE: 118 inch lengths must be shipped via freight only. For efficient shipping via UPS/Fedex, lengths can be cut to 59 inch upon request.



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.



SURFACE PROFILES CONT.



P01C-S-PF-300

Aluminum profile with asymmetrical emission screen for surface with suitable clips. Available in 118in (3M) lengths.

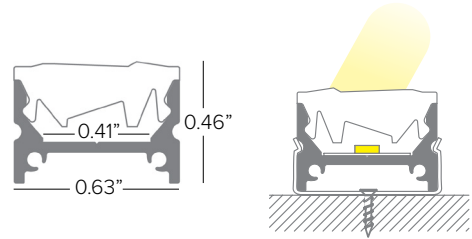


P01C-A-EC

3+3 pc metal end caps.

P01C-A-MC

3 Metal mounting clips.



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.



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Power Supply (REQUIRED)	Type	Wattage	Input/Output Voltage	Dimmable	IP Rating	Output	Dimensions
DMLE301242UD	EMCOD MLE-UD ELECTRONIC DRIVER WITH WIRING COMPARTMENT.	30W	120-277V / 24V	FWD / REV PHASE / TRIAC / 0-10V / PWM	NEMA3R ENCLOSURE	UL CLASS 2	4.47" X 6.79" X 1.38"
DMLE601242UD	EMCOD MLE-UD ELECTRONIC DRIVER WITH WIRING COMPARTMENT.	60W	120-277V / 24V	FWD / REV PHASE / TRIAC / 0-10V / PWM	NEMA3R ENCLOSURE	UL CLASS 2	4.47" X 6.79" X 1.38"
DMLE961242UD	EMCOD MLE-UD ELECTRONIC DRIVER WITH WIRING COMPARTMENT.	96W	120-277V / 24V	FWD / REV PHASE / TRIAC / 0-10V / PWM	NEMA3R ENCLOSURE	UL CLASS 2	5.16" X 7.73" X 1.54"
DMLE1922242UD	EMCOD MLE-UD ELECTRONIC DRIVER WITH WIRING COMPARTMENT.	2X96W	120-277V / 24V	FWD / REV PHASE / TRIAC / 0-10V / PWM	NEMA3R ENCLOSURE	UL CLASS 2	5.04" X 10.94" X 1.81"
DMLE2882242UD	EMCOD MLE-UD ELECTRONIC DRIVER WITH WIRING COMPARTMENT.	3X96W	120-277V / 24V	FWD / REV PHASE / TRIAC / 0-10V / PWM	NEMA3R ENCLOSURE	UL CLASS 2	5.04" X 10.94" X 1.81"
DELV30124DJBX	MAGNITUDE SOLIDRIVE ELECTRONIC DRIVER WITH BUILT-IN JUNCTION BOX.	30W	120-277V / 24V	0-10V 1%	IP66	UL CLASS 2	12.1" X 2.36" X 1.4"
DELV30124D	MAGNITUDE SOLIDRIVE ELECTRONIC STANDALONE DRIVER. UL LISTED ENCLOSURE PROVIDED BY OTHERS.	30W	120-277V / 24V	0-10V 1%	IP66	UR CLASS 2	7.5" X 2.36" X 1.4"
DELV60124DJBX	MAGNITUDE SOLIDRIVE ELECTRONIC DRIVER WITH BUILT-IN JUNCTION BOX.	60W	120-277V / 24V	0-10V 1%	IP66	UL CLASS 2	12.1" X 2.36" X 1.4"
DELV60124D	MAGNITUDE SOLIDRIVE ELECTRONIC STANDALONE DRIVER. UL LISTED ENCLOSURE PROVIDED BY OTHERS.	60W	120-277V / 24V	0-10V 1%	IP66	UR CLASS 2	7.5" X 2.36" X 1.4"
DELV96124DJBX	MAGNITUDE SOLIDRIVE ELECTRONIC DRIVER WITH BUILT-IN JUNCTION BOX.	96W	120-277V / 24V	0-10V DIMMING 1%	IP66	UL CLASS 2	12.1" X 2.36" X 1.4"
DELV96124D	MAGNITUDE SOLIDRIVE ELECTRONIC STANDALONE DRIVER. UL LISTED ENCLOSURE PROVIDED BY OTHERS.	96W	120-277V / 24V	0-10V DIMMING 1%	IP66	UR CLASS 2	7.5" X 2.36" X 1.4"
DEL60PWM	ELECTRONIC PWM DRIVER STANDALONE, UL LISTED ENCLOSURE PROVIDED BY OTHERS	60W	120-277V / 24V	0-10V/PWM 10%	IP67	UR CLASS 2	5.9" X 2.09" X 1.38"
DELI601241CPWM	ELECTRONIC PWM DRIVER	60W	120-277V / 24V	0-10V/PWM 10%	NEMA1 ENCLOSURE	UL CLASS 2	10" x 10" x 4" ¹
DEL90PWM	ELECTRONIC PWM DRIVER STANDALONE, UL LISTED ENCLOSURE PROVIDED BY OTHERS	90W	120-277V / 24V	0-10V/PWM 10%	IP67	UR CLASS 2	6.73" X 2.48" X 1.48"
DELI901241CPWM	ELECTRONIC PWM DRIVER	90W	120-277V / 24V	0-10V/PWM 10%	NEMA1 ENCLOSURE	UL CLASS 2	10" x 10" x 4" ¹
DELI1802242CPWM	ELECTRONIC PWM DRIVER	2X90W	120-277V / 24V	0-10V/PWM 10%	NEMA1 ENCLOSURE	UL CLASS 2	12" x 12" x 4" ¹
DELI2703243CPWM	ELECTRONIC PWM DRIVER	3X90W	120-277V / 24V	0-10V/PWM 10%	NEMA1 ENCLOSURE	UL CLASS 2	12" x 12" x 4" ¹

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.

* Consult factory for additional driver options (ie: DMX, DALI, wattage, size, shape, Lutron, ELDO, or others).



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Power Supply (REQUIRED)	Type	Wattage	Input/Output Voltage	Dimmable	IP Rating	Output	Dimensions
DMLV40124D	MAGNETIC LOW VOLTAGE TRANSFORMER	40W	120V / 24V	MLV DIMMING < 1%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59" ¹
DMLV60124D	MAGNETIC LOW VOLTAGE TRANSFORMER	60W	120V / 24V	MLV DIMMING < 1%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59" ¹
DMLV96124D	MAGNETIC LOW VOLTAGE TRANSFORMER	96W	120V / 24V	MLV DIMMING < 1%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59" ¹
PS060	LUTRON HI-LUME PREMIER 0.1% CONSTANT VOLTAGE DRIVER WITH UL LISTED ENCLOSURE	96W	UNIVERSAL 120-277 VAC	HI-LUM DIMMABLE 0.1%	IP20/NOM CERTIFIED	UL CLASS 2	10.5" x 5.5" x 2" ¹

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.

* Consult factory for additional driver options (ie: DMX, DALI, wattage, size, shape, Lutron, ELDO, or others).

MAXIMUM INTERCONNECTED TAPE LENGTH PER DRIVER

Fixture Wattage	Driver Wattage							
	40W	60W	96W	90W	2X90W	3X90W	100W	2X100
2.2W/ft	14FT	21FT	34FT	32FT	(2) 32FT	(3) 32FT	36FT	(2) 36FT



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DURATAPE™ EXTRA NARROW

INDOOR IP20

PHOTOMETRY

DURATAPE EXTRA NARROW						POLAR GRAPH
Fixture Power	2.2W	2.2W	2.2W	2.2W	2.2W	
Fixture Output	157Lm	157Lm	180Lm	180Lm	186Lm	
Kelvin Temp	2200°K	2700°K	3000°K	3500°K	4000°K	
Beam Spread	120°	120°	120°	120°	120°	
IMax	316cd/klm	316cd/klm	316cd/klm	316cd/klm	316cd/klm	
Efficacy	71.4 Lm/W	71.4 Lm/W	81.8 Lm/W	81.8 Lm/W	84.5 Lm/W	