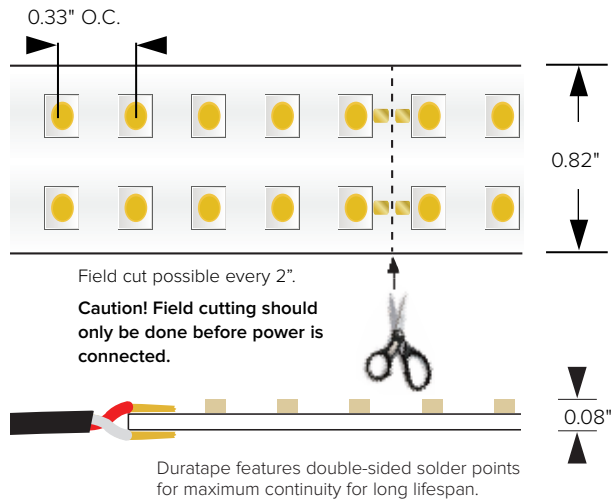## KEY FEATURES

- Double row high output narrow spaced essential white LED flexible linear light strip for continuous consistant color in linear applications.

- Ideal for IP20 interior applications such as cove, lighting accents, custom and OEM product designs/chandliers.

- Sold per foot and manufactured to specified lengths with factory attached end preps.

- Features 2-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.

- 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 8' per run (8.8W/ft)

- Multiple dimming options available.

IP20 **RoHS** cULus **Class 2**

DETAILS

Spacing	0.33" OC LED Spacing
LEDs	72 LEDs per foot
Color Temp	2700°K / 3000°K / 3500°K
Color Consistency	Bin centered on the Planck curve with a 2 step MacAdam tolerance.
CRI	<Ra96
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 2".
Power Supply	Listed Class 2 output, 24V DC power supply required
Certifications	cULus Damp Listed E471161 Tested in accordance with LM-79-08
Compliance	ROHS compliant
Warranty	5 year warranty

DIMENSIONAL DRAWINGS

0.33" O.C.

0.82"

Field cut possible every 2".

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

0.08"

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

FIXTURE DATA

Model	Efficacy* Lm/Wt	Lm/Ft	Wt/Ft
3000°K	81.00	714	8.8

LED DATA

Model	Wt/LED	Viewing Angle	Lifespan at 90% drive
ES 8.8W/ft	0.12W	120°	40,000hrs

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

TM30

CCT	CRI Ra	R9	Rf	Rg
2765K	97.7	96	95.1	101.6
3051K	98.1	97	95	102.3
3521K	97.4	98	90.4	98.1

DESIGN INSTALLATION EXAMPLES

Cove   Under Counter Task   Under Counter Directional Task

PRODUCT CODE	INTENSITY	WATTAGE	IP RATING	COLOR TEMP	OPTIONS	VOLTAGE	+	END PREP	+	MOUNTING	+	POWER SUPPLY
DL — Duratape™	**ES** — Essential White	**88** — 8.8 W/ft	**I** — Indoor IP20	**27** — 2700°K **30** — 3000°K **35** — 3500°K	**HC** — +95 CRI	**24** — 24 VDC						

END PREPS AND CONNECTORS (REQUIRED) - Choose 1

A

B

C

D
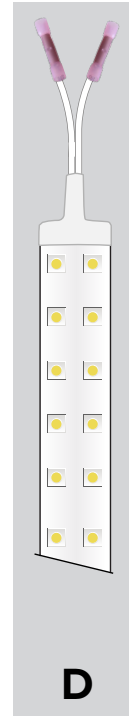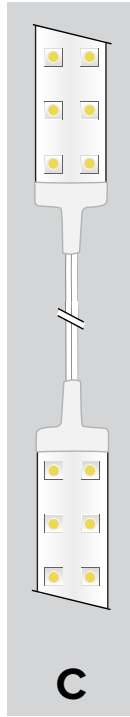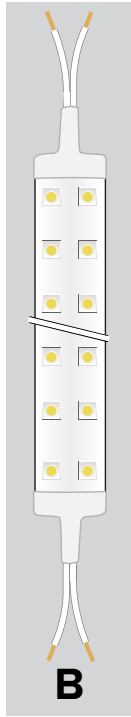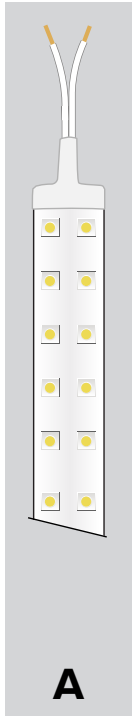
REQUIRED End Preps:
(One required for each run of tape)

A

07UI88CBL1
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.

07UI88ADDCBL-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

07UI88CBL2
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.**

07UI88ADDCBL-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

07UI88FOLDCBL-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

07UI88ADDCON
Additional connectors. Lead wire connectors 2/ea per connection.

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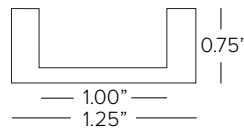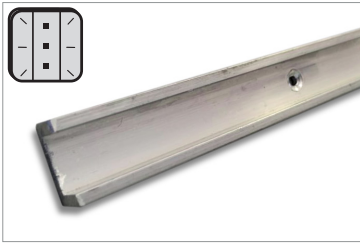## PROFILE OPACITY LEVEL KEY:

Uniform
Direct View

Blended
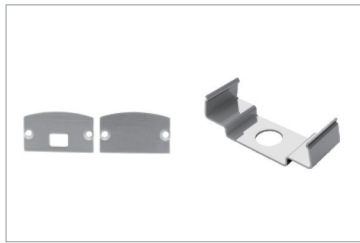Direct / Indirect View

Pixelated
Indirect View

SURFACE PROFILES

DL-88-ALUM-U-8
Aluminum U-Channel for linear run lengths with factory drilled countersunk screw holes at 6" OC. Available in 8ft lengths.

0.75"
1.00"
1.25"

P04B-S-PF-300
Aluminum profile with polycarbonate screen for surface or recessed with suitable clips. Available in 118in (3M) lengths.

P04B-A-EC
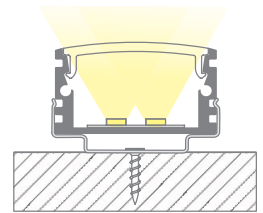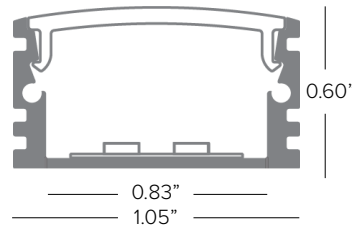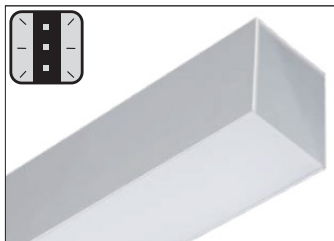3+3 pc metal end caps.

P04B-A-MC
3 Metal mounting clips.

0.60"
0.83"
1.05"

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.
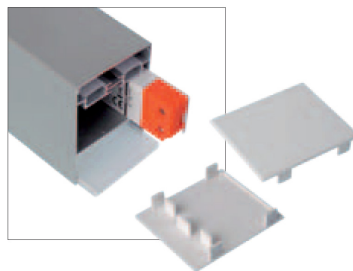
PRDESO
Aluminum profile for surface mount. Available in 4ft lengths.

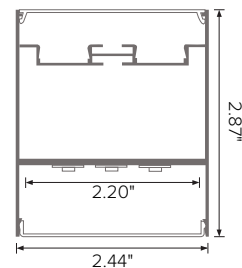**PRDESO-SL**
Rear support for surface mount.

PRDESO-FL
Front screen in flat opal polycarbonate plate.

KTPRDESO-FL
Set of two side end caps flat screen.
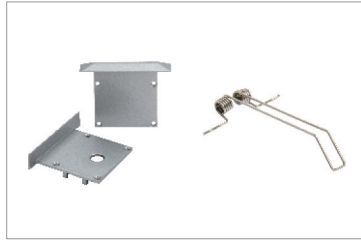
2.87"
2.20"
2.44"

RECESSED PROFILE

P08D-S-PF-300
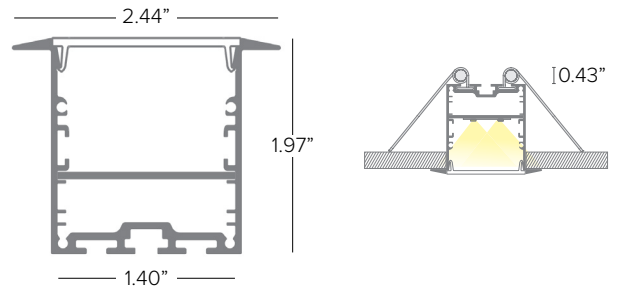Aluminum profile with white PMMA screen for recessed installation. Available in 118in (3M) lengths.

P08D-A-EC
3+3 pc silver end caps.

P08D-A-SP
3 pc metal ceiling attachment springs.

2.44"
1.97"
1.40"
0.43"

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.

SUSPENSION PROFILES

P07A-S-PF-300
Aluminum profile with white polycarbonate screen for surface or suspension installation. 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.

Max of (1) strip per profile.
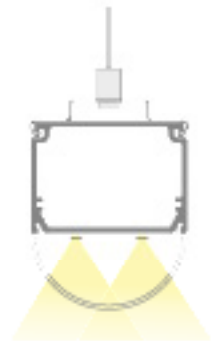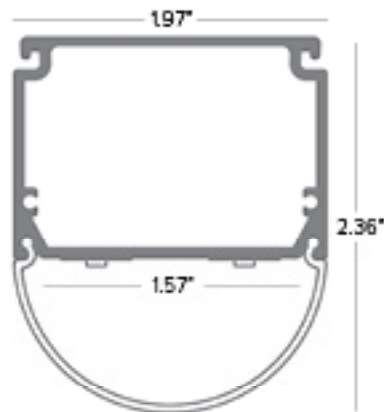
P07A-A-EC
3+3 pc white end caps.

P07A-A-MC
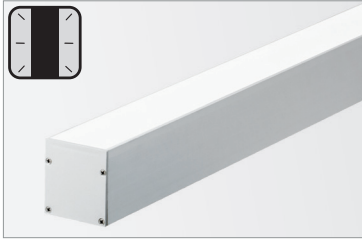6 Metal mounting clips.
(One set recomended for every 4ft)

P07A-A-FS
3 pc metal suspension cables.

1.97"
2.36"
1.57"

DURA LAMP
LAMP
a brand of **Targetti**

SUSPENSION PROFILES CONT.:

P01L-S-PF-300
Aluminum profile with white polycarbonate screen for suspension installation. 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.

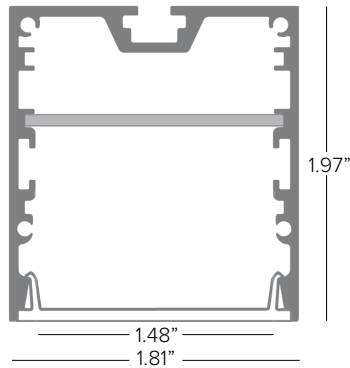**Max of (1) strip only per profile.**

P01L-A-EC
3+3 pc silver end caps.

P01L-A-FS
3 pc metal suspension cables.

1.97"
1.48"
1.81"
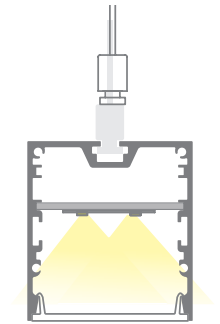
DECORATIVE PROFILE

P06A-S-PF-300
Aluminum profile with white PMMA screens for wall installation with wall washer effect upwards and downwards. Available in 118in (3M) lengths.

Max of (1) strip per profile direction.
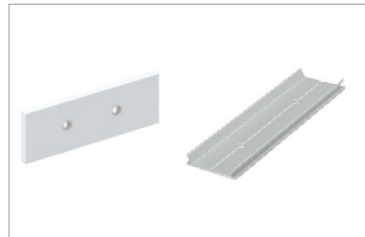
P06A-A-EC
3+3 pc silver end caps.

P06A-A-MC
1 set of metal 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.
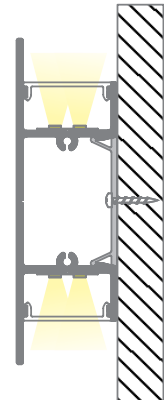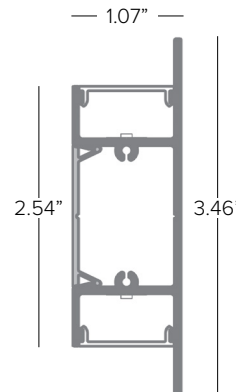

1.07"
2.54"
3.46"

a brand of TARGETTI

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"
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]
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
	8.8W/ft	3FT	5FT	8FT	8FT	(2) 8FT	(3) 8FT	9FT	(2) 9FT

PHOTOMETRY

DURATAPE 8.8W	
Fixture Power	8.8W
Fixture Output	758Lm
Kelvin Temp	3000ºK
Beam Spread	120º
IMax	317cd/klm
Efficacy	86 Lm/W

POLAR GRAPH