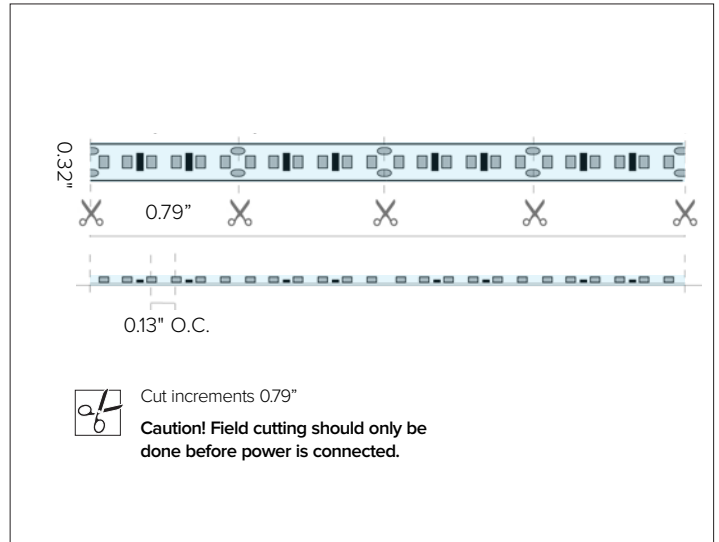


DURATAPE EXTRA NARROW IP67

Energy Efficient Narrow Low Voltage Strip Light



CONCEPT

Energy efficient mid output extra narrow LED linear light strip with for tight nitch spaces requiring continuous consistent color for linear applications.

MECHANICAL CHARACTERISTICS

Materials	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.
Functionality	Ideal for linear tight nitch applications such as millwork, under-counter/cabinet, or lighting accents.
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	IP67

CERTIFICATIONS

cULus Class 2 Listed
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 120V-277V AC power supply required, see available options.
Wattage	3.4W/ft
Voltage	24V DC
Trigger Time	< 0.2s
Number of cycles	100,000
Operating Temp.	-25°C / +35°C
Max Continuous Length	Cutttable every 0.79". When field trimming is performed, an additional end cap is required to maintain the IP rating. 16ft

SOURCE

LEDs	92 LEDs per foot						
Spacing	0.13" O.C. LED Spacing						
TM30	CCT (Nominal)	CRI	Rf	Rg	R9	DUV	SDCM
	2200K 	90	94	103	85	0.0009	2
	2700K 	90	95	102	96	0.0009	2
	3000K 	98	95	102	97	0.0012	2
	3500K 	97	90	98	98	0.0016	2
	4000K 	96	90	98	98	0.0023	2
Strip & LED Details	Model	W/LED	Delivered Lumens*		Viewing Angle		
			3000K		4000K		
	3.4W/ft	0.04W	231Lm/ft		244Lm/ft		120°
	* Meets Title 24 High efficacy rating.						
Efficacy	69Lm/W max. Refer to photometric graphs for specific values.						
Lifetime	L70/B10 >60,000hrs at max TA +45°C						

DURATAPE EXTRA NARROW IP67

SPECIFICATION INFORMATION

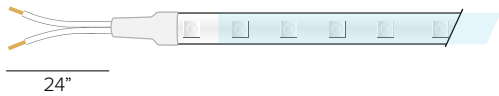
DL																			
1		2		3		4		5		6		7		8		9		10	
Ex: DLXN34O3024 / 07UX1CBL1 / P03A-S-PF-200 / DMLE601242UD										REQUIRED		OPTIONAL		REQUIRED					
1- PRODUCT CODE		2- TYPE		3- WATTAGE		4- RATING		5- KELVIN		6- VOLTAGE									
DL — DURATAPE™		XN — Extra Narrow		34 — 3.4W/ft		O — IP67		22 — 2200K 27 — 2700K 30 — 3000K 35 — 3500K 40 — 4000K		24 — 24V DC									
7- END PREP CONNECTION		8- INTERCONNECTION		9- MOUNTING		10- DRIVER													
REQUIRED See section for details		OPTIONAL See section for details		REQUIRED See section for details		REQUIRED See section for details													

INSTALLATION EXAMPLES



DURATAPE EXTRA NARROW IP67

7 - END PREP CONNECTION (REQUIRED)



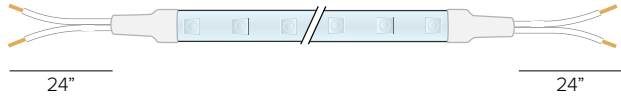
DURATAPE factory attached single lead wire end prep. Lead wire/dead end allows for connection to power at lead end and field trim of DURATAPE product at the other end. Translucent wire with positive/negative identification that easily blends into the mounting environments.

Part No. **07UX1CBL1**

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

Length Per foot

Part No. **07UX1ADDCBL1**



DURATAPE factory attached double 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. **07UX1CBL2**

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

Length Per foot

Part No. **07UX1ADDCBL1**

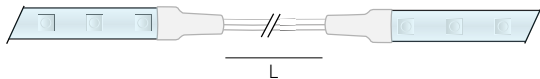
8 - END PREP CONNECTION (OPTIONAL)



DURATAPE crimp connectors, 2ea. Simplifies custom splice connections in the field. To be used for in-line connections, connecting to other lead wires, etc.

Part No. **07UX1ADDCON**

9 - INTERCONNECTION (OPTIONAL)



DURATAPE factory attached interconnection wire fold, white finish. **Caution: Pay attention to max run lengths and voltage drops from total lead/fold wire lengths.**

Length	1"	2"	3"	4"	6"
Part No.	07UX1FOLD CBL-01	07UX1FOLD CBL-02	07UX1FOLD CBL-03	07UX1FOLD CBL-04	07UX1FOLD CBL-06

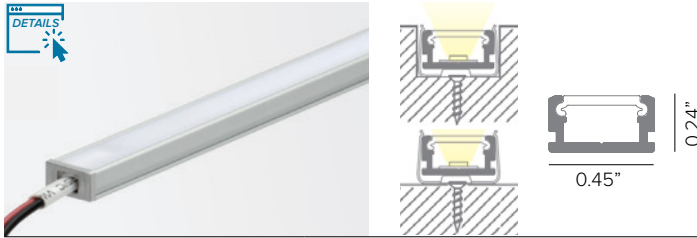
DURATAPE EXTRA NARROW IP67

9 - MOUNTING (REQUIRED)



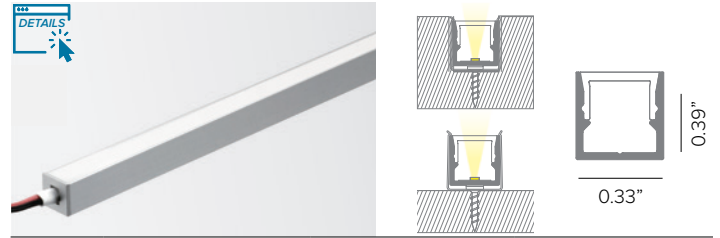
Profile Spec Sheet
Detailed Information

SURFACE PROFILES



Compact aluminum profile with frosted polycarbonate lens for surface or flush recessed installation.

Part No. **P01A-S-PF-200**



Compact aluminum profile with frosted polycarbonate lens for surface or flush recessed installations. Dimension: 79" (2M).

Part No. **P02A-S-PF-200**



Compact aluminum profile for surface installations, 1pc.
Dimension: 79" (2M) Length

Finish ● Natural Aluminum ○ White ● Black ● Corten Bronze

Profile Part No.	DLE7AL2	DLE7WH2	DLE7BK2	DLE7BZ2
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Diffusion	Opal Diffused	Semi-Opal	Clear Transparent	Lenticular 40°
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Lens Part No.	DLE7O2	DLE7S2	DLE7T2	DLE7L402
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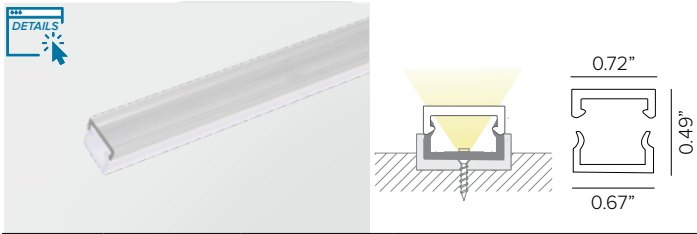
Aluminum rigid profile for surface installation and polycarbonate lens, 1pc ea.
Dimensions: 79"L (2M).

Finish ● Natural Aluminum ○ White ● Black ● Corten Bronze

Profile Part No.	DLE15AL2	DLE15WH2	DLE15BK2	DLE15CO2
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Diffusion	Opal Diffused	Semi-Opal	Clear Transparent	Lenticular 40°
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Lens Part No.	DLE15O2	DLE15S2	DLE15T2	DLE15L402
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Two-piece PVC mounting tube, white opaque base with cover (clear or frosted).
Countersink screw holes, 12" O.C. Dimension: 48"L.

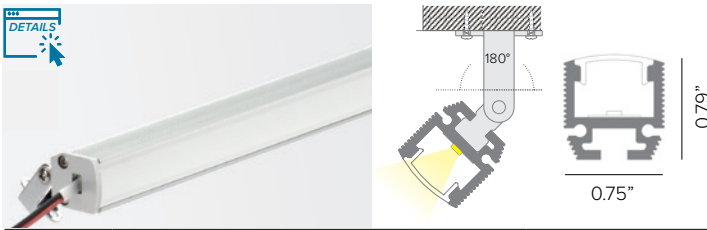
Cover Diffusion	Clear	Frosted 10%	Frosted 30%	Frosted 60%
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Part No.	DLW2PCC	DLW2PCF10	DLW2PCF30	DLW2PCF60
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DURATAPE EXTRA NARROW IP67

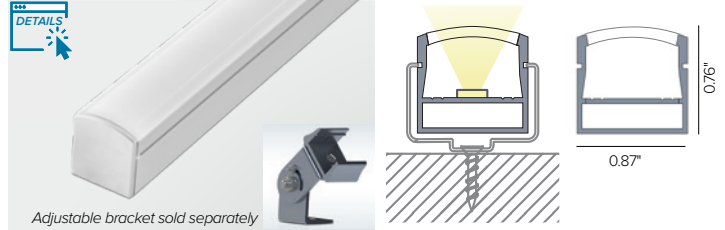
9 - MOUNTING CONT. (REQUIRED)

ADJUSTABLE PROFILES CONT.


Profile Spec Sheet
Detailed Information


Surface mount adjustable aluminum profile with frosted 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.**

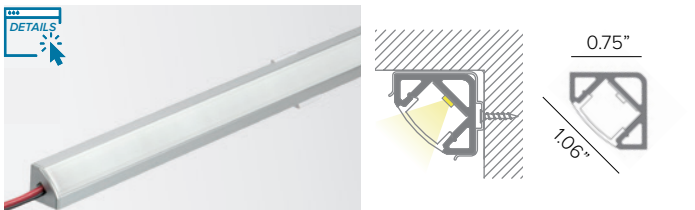
Part No. **P02C-S-PF-300**



Universal surface mount anodized aluminum rigid profile complete with lens. Dimension: 79"L (2M)

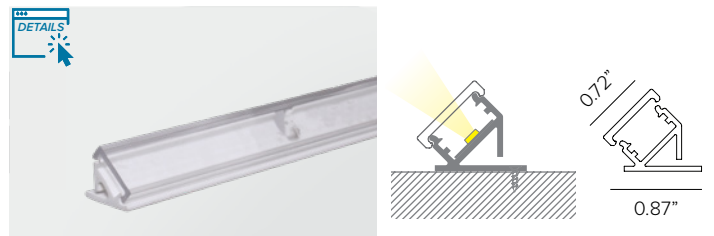
Lens	Opal Diffused	Asymmetric	Graze	Flood
Part No.	PRAP-U	PRAP-UASYM	PRAP-U30	PRAP-U60

ANGLED PROFILES



45° aluminum profile with frosted polycarbonate lens for surface corner applications. Dimensions: 79"L (2M).

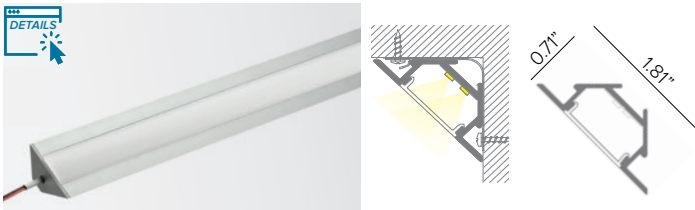
Part No. **P03F-S-PF-200**



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. **DLW45MCH-4**

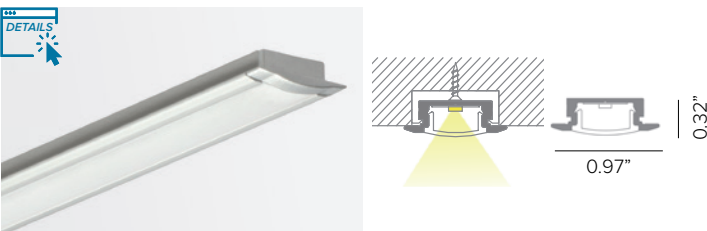
Cover Diffusion	Clear	Frosted 10%	Frosted 30%	Frosted 60%
Cover Part No.	DLW45CVR4-C	DLW45CVR4-F10	DLW45CVR4-F30	DLW45CVR4-F60



Aluminum profile with frosted polycarbonate lens for use in surface 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**

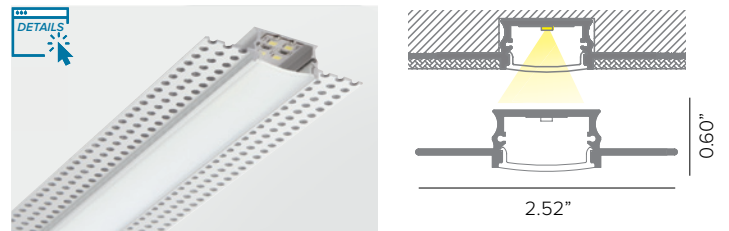
RECESSED PROFILES



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**

TRIMLESS MUD-IN PROFILES



Recessed trimless mud-in flush aluminum profile with frosted polycarbonate lens. Dimension: 79"L (2M)

Part No. **PRINCG**

DURATAPE EXTRA NARROW IP67

9 - POWER SUPPLY (REQUIRED)

ENCLOSURE

Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
DMLE301242UD	30W	MLV / ELV / 0-10V / TRIAC	MLV / ELV <10% 0-10V 1%	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD electronic driver with wiring compartment.
DELV30124DJBX	30W	0-10V	0.1%	IP65	120-277V / 24V	UL Class 2	12.1" X 2.4" X 1.4"	Magnitude SOLIDrive electronic driver with built in junction box.
DMLE601242UD	60W	MLV / ELV / 0-10V / TRIAC	MLV / ELV <10% 0-10V 1%	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD electronic driver with wiring compartment.
DELV60124DJBX	60W	0-10V	0.1%	IP65	120-277V / 24V	UL Class 2	12.1" X 2.4" X 1.4"	Magnitude SOLIDrive electronic driver with built in junction box.
DELI601241CPWM	60W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	10" x 10" x 4"	MEANWELL electronic PWM driver.
DELI901241CPWM	90W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	10" x 10" x 4"	MEANWELL electronic PWM driver.
DMLE961242UD	96W	MLV / ELV / 0-10V / TRIAC	MLV / ELV <10% 0-10V 1%	NEMA3R	120-277V / 24V	UL Class 2	5.16" X 7.73" X 1.54"	EMCOD electronic driver with wiring compartment.
DELV96124DJBX	96W	0-10V	0.1%	IP65	120-277V / 24V	UL Class 2	12.1" X 2.4" X 1.4"	Magnitude SOLIDrive electronic driver with built in junction box.
DELI1802242CPWM	2X90W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	MEANWELL electronic PWM driver.
DMLE1922242UD	2X96W	MLV / ELV / 0-10V / TRIAC	MLV / ELV <10% 0-10V 1%	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81"	EMCOD electronic driver with wiring compartment.
DELI2703243CPWM	3X90W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	MEANWELL electronic PWM driver.
DMLE2882242UD	3X96W	MLV / ELV / 0-10V / TRIAC	MLV / ELV <10% 0-10V 1%	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81"	EMCOD electronic driver with wiring compartment.

STAND ALONE

Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Standalone)	Description
DELV30124D	30W	0-10V	0.1%	IP65	120-277V / 24V	UR Class 2	7.5" X 2.4" X 1.4"	Magnitude SOLIDrive electronic standalone driver. UL listed enclosure provided by others.
DEL60PWM	60W	0-10V	1%	IP67	120-277V / 24V	UL Class 2	5.9" X 2.09" X 1.38"	MEANWELL electronic PWM driver. UL listed enclosure provided by others.
DELV60124D	60W	0-10V	0.1%	IP65	120-277V / 24V	UR Class 2	7.5" X 2.4" X 1.4"	Magnitude SOLIDrive electronic standalone driver. UL listed enclosure provided by others.
DEL90PWM	90W	0-10V	1%	IP67	120-277V / 24V	UL Class 2	6.73" X 2.48" X 1.48"	MEANWELL electronic PWM driver. UL listed enclosure provided by others.
DELV96124D	96W	0-10V	0.1%	IP65	120-277V / 24V	UR Class 2	7.5" X 2.4" X 1.4"	Magnitude SOLIDrive electronic standalone driver. UL listed enclosure provided by others.

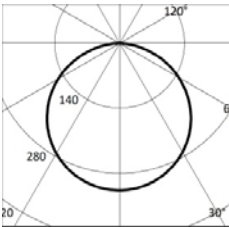
MAX TAPE LENGTHS PER DRIVER

Fixture Wattage	Driver Wattage							
	30W	60W	90W	96W	2X90W	2X96W	3X90W	3X96W
3.4W	8FT	16FT	24FT	26FT	(2) 24FT	(3) 24FT	(3) 24FT	(3) 26FT

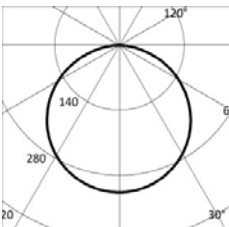
DURATAPE EXTRA NARROW IP67

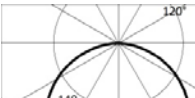
PHOTOMETRY

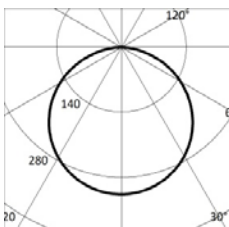
IES FILES SHOWN AT 1M (3.28FT) LENGTHS

	2200K	H(m)	D(m)	Emax(lx)		
	Ra90		117°			
	Fixture Power	11W	1	3.25	227	
	Source Flux	720lm	2	6.50	57	
	Fixture Flux	720lm	3	9.74	25	
	Efficacy	65lm/W	4	12.99	14	
	956684	Imax=316cd/klm	Imax	227cd	5	16.24

	2700K	H(m)	D(m)	Emax(lx)		
	Ra90		117°			
	Fixture Power	11W	1	3.25	227	
	Source Flux	720lm	2	6.50	57	
	Fixture Flux	720lm	3	9.74	25	
	Efficacy	65lm/W	4	12.99	14	
	956691	Imax=316cd/klm	Imax	227cd	5	16.24

	3000K	H(m)	D(m)	Emax(lx)		
	Ra90		117°			
	Fixture Power	11W	1	3.25	240	
	Source Flux	760lm	2	6.50	60	
	Fixture Flux	760lm	3	9.74	27	
	Efficacy	69lm/W	4	12.99	15	
	956707	Imax=316cd/klm	Imax	240cd	5	16.24

	3500K	H(m)	D(m)	Emax(lx)		
	Ra90		117°			
	Fixture Power	11W	1	3.25	240	
	Source Flux	760lm	2	6.50	60	
	Fixture Flux	760lm	3	9.74	27	
	Efficacy	69lm/W	4	12.99	15	
	956714	Imax=316cd/klm	Imax	240cd	5	16.24

	4000K	H(m)	D(m)	Emax(lx)		
	Ra90		117°			
	Fixture Power	11W	1	3.25	253	
	Source Flux	800lm	2	6.50	63	
	Fixture Flux	800lm	3	9.74	28	
	Efficacy	73lm/W	4	12.99	16	
	956721	Imax=316cd/klm	Imax	253cd	5	16.24