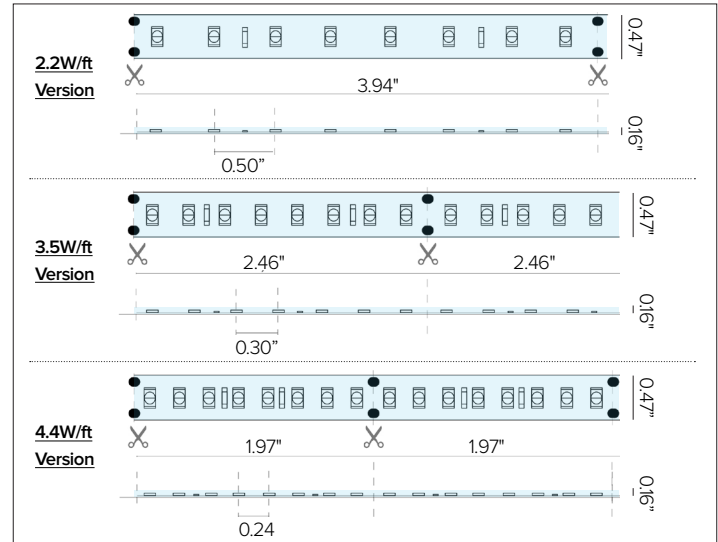


DURATAPE HIGH EFFICIENCY IP67

High Efficiency Outdoor Strip Light



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



CONCEPT

High efficiency essential white strip light with narrow LED spacing for continuous consistent color 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 high intensity linear applications such as cove, under-counter/cabinet, mill work, and detailed 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. Suitable for MRI installations. Driver to be mounted outside of MRI room and to be use with PVC or aluminum profiles only. To be installed with adhesive or MRI safe hardware only, no factory provided mounting hardware to be used.
Protection	Strip jacket rated at 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
5 year 24 hour limited warranty (interior installations only)





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	2.2W/ft / 3.5W/ft / 4.4W/ft
Voltage	24V DC
Trigger Time	< 0.2s
Number of cycles	100,000
Operating Temp.	-25°C / +35°C
Max Continuous Length	16ft Field trimmable every: 2.2W/ft - 3.94" / 3.5W/ft - 2.46" / 4.4W /ft - 1.97"

SOURCE

LEDs	24 LEDs/ft (2.2W/ft) / 40 LEDs/ft (3.5W/ft) / 50 LEDs/ft (4.4W/ft)						
Spacing	0.50" O.C. (2.2W/ft) / 0.31" O.C. (3.5W/ft) / 0.24" O.C. (4.4W/ft)						
TM30	CCT (Nominal)	CRI	Rf	Rg	R9	DUV	SDCM
	2700K 	95	92	97	54	0.0009	2
	3000K 	94	91	98	55	0.0009	2
	3500K 	93	91	98	63	0.0010	2
	4000K 	93	91	99	71	0.0010	2
Strip & LED Details	Model	W/LED	Delivered Lumens*		Viewing Angle		
			3000K	4000K			
	2.2W/ft	0.06W	374Lm/ft	386Lm/ft	117° x 122°		
	3.5W/ft	0.06W	596Lm/ft	616 Lm/ft	117° x 122°		
	4.4W/ft	0.09W	747Lm/ft	771 Lm/ft	117° x 122°		
* Meets Title 24 High efficacy rating.							
Efficacy	176Lm/W max. Refer to photometric graphs for specific values.						
Lifetime	L70/B20 ≥50,000hrs at max TA +25°C						

DURATAPE HIGH EFFICIENCY IP67

SPECIFICATION INFORMATION

DL						/	/	/	/	
1	2	3	4	5	6	7	8	9	10	
						REQUIRED	OPTIONAL	REQUIRED		

Ex: DLHE2203024 / 07UIICBL1 / PRAP-U / DMLE601242UD

1 - PRODUCT CODE	2 - TYPE	3 - WATTAGE	4 - RATING	5 - KELVIN	6 - VOLTAGE
DL — DURATAPE™	HE — HIGH EFFICIENCY	22 — 2.2W/ft 35 — 3.5W/ft 44 — 4.4W/ft	O — IP67	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 HIGH EFFICIENCY 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**

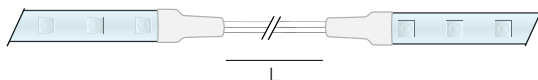
7 - END PREP CONNECTION (OPTIONAL)



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**

8 - 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.	07UX1FOLDL-01	07UX1FOLDL-02	07UX1FOLDL-03	07UX1FOLDL-04	07UX1FOLDL-06

DURATAPE HIGH EFFICIENCY IP67

9 - MOUNTING (REQUIRED)



Profile Spec Sheet
Detailed Information



Uniform
Continuous
Direct View
60%



Blend Opacity
30%

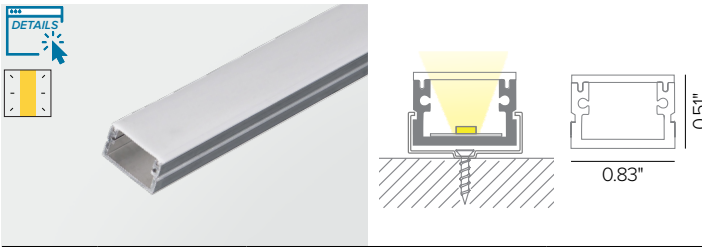


Softening
Opacity
10%



Clear

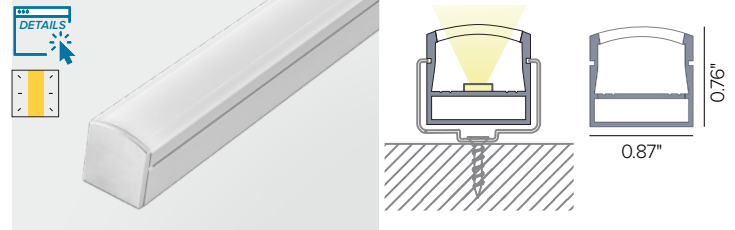
SURFACE PROFILES



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

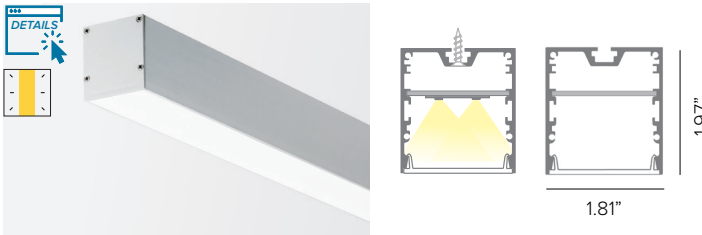
Lens Opal Diffused

Part No. **PRAP68-2MK**



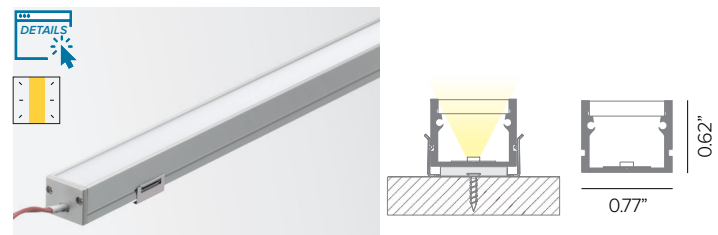
Universal surface mount anodized aluminum rigid profile complete with lens.
Dimension: 79"L (2M)

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



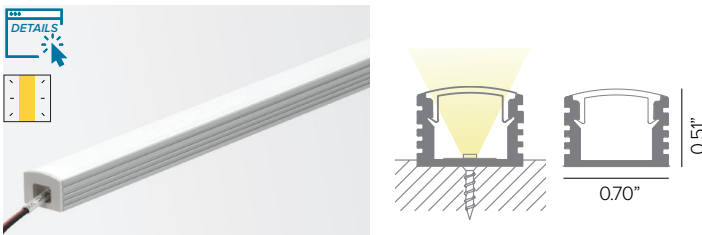
Aluminum profile with frosted polycarbonate lens for suspension installation.
Dimension: 79" L (2M).

Part No. **P01L-S-PF-200**



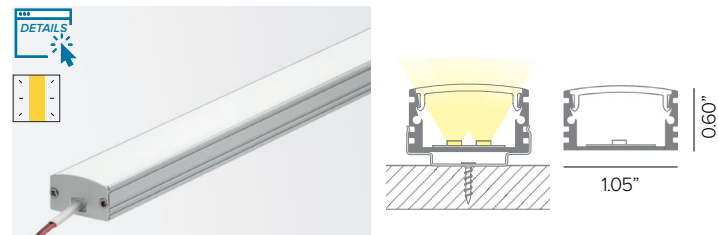
Aluminum profile with thick opal polycarbonate lens with uniform light distribution for surface installation. Dimensions: 79"L (2M).

Part No. **P03B-S-PF-200**



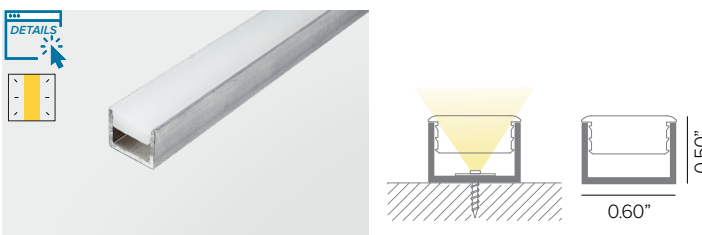
Aluminum profile with white PMMA screen for surface or recessed installation with limited width. Equipped with angle-joint accessory. Available in 118in (3M) lengths.

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



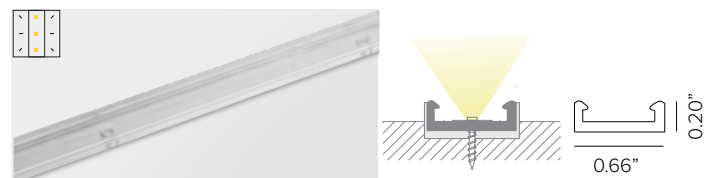
Aluminum profile with frosted polycarbonate lens for surface installation.
Dimension: 118"L (3M). **Profile must be shipped via freight only. For efficient shipping via UPS/FedEx, lengths can be cut to 59" upon request.**

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



Surface mounted two-piece aluminum U-channel with snap-in thick opal polycarbonate lens with uniform light distribution. Mounting screw holes 6in O.C. Dimensions: 72"L.

Part No. **DLALUMC6**



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

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

DURATAPE HIGH EFFICIENCY IP67

9 - MOUNTING CONT. (REQUIRED)



Profile Spec Sheet
Detailed Information



Uniform
Continuous
Direct View
60%



Blend Opacity
30%

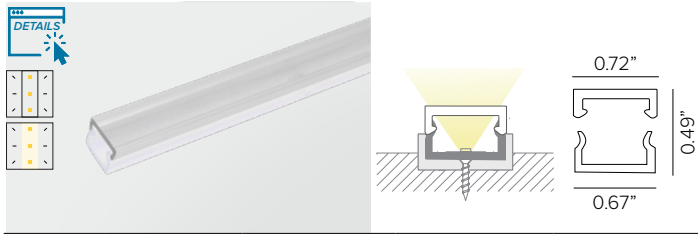


Softening
Opacity
10%



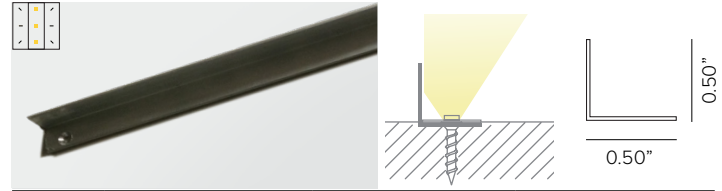
Clear

SURFACE PROFILES CONT.



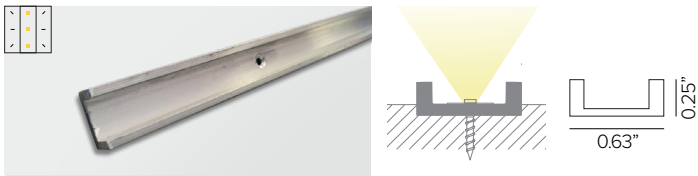
Two-piece PVC mounting tube, white opaque base with cover (clear or frosted). Countersink screw holes, 12" O.C. Dimension: 48"L.

Cover Diffusion	Clear	Frosted 10%	Frosted 30%	Frosted 60%
Part No.	DLW2PCC	DLW2PCF10	DLW2PCF30	DLW2PCF60



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

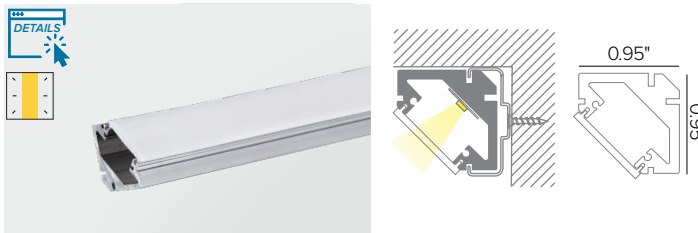
Part No. **DLALUML8**



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

Part No. **DLALUMU8**

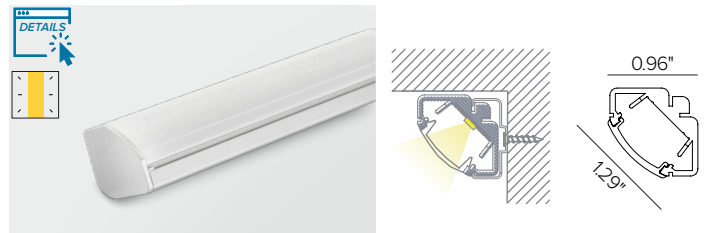
ANGLED PROFILES



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

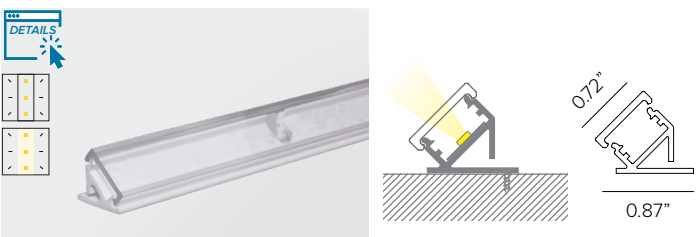
Lens Opal Diffused

Part No. **PRAN68-2MK**



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

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

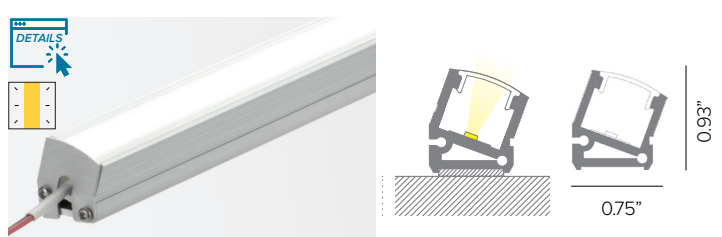


Two-piece 45° PVC mounting tube; white opaque base with cover (clear or frosted). Countersink screw holes, 12" O.C. Dimension: 48"L.

Base
Part No. **DLW45MCH-4**

Cover Diffusion	Clear	Frosted 10%	Frosted 30%	Frosted 60%
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Cover Part No.	DLW45CVR4-C	DLW45CVR4-F10	DLW45CVR4-F30	DLW45CVR4-F60
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Fixed 30° angled aluminum profile frosted 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 HIGH EFFICIENCY IP67

9 - MOUNTING CONT. (REQUIRED)



Profile Spec Sheet
Detailed Information



Uniform
Continuous
Direct View
60%



Blend Opacity
30%

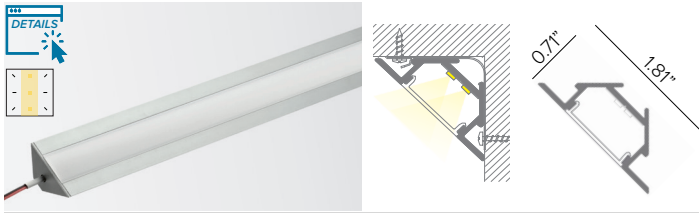


Softening
Opacity
10%



Clear

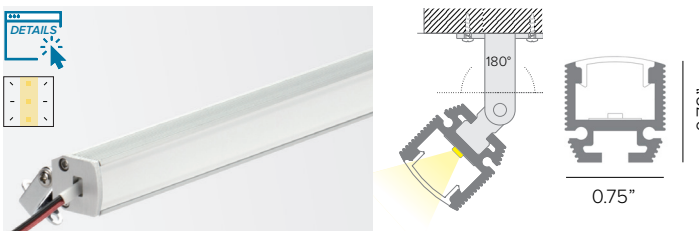
ANGLED PROFILES CONT.



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.**

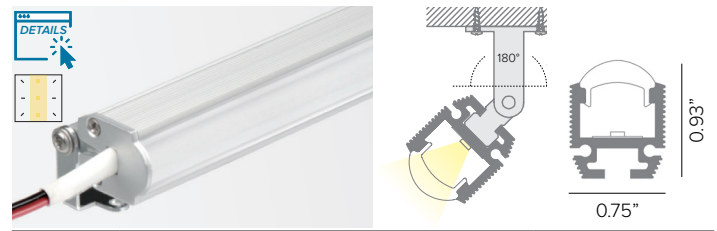
Part No. **P04F-S-PF-300**

ADJUSTABLE PROFILES



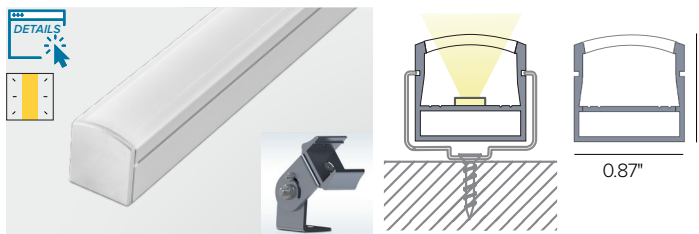
Surface mount adjustable aluminum profile with frosted polycarbonate lens.
Dimension: 118"L (3M). **Profile must be shipped via freight only. For efficient shipping via UPS/FedEx, lengths can be cut to 59" upon request.**

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



Surface mount adjustable aluminum profile with opal polycarbonate lens. 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**



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

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

DURATAPE HIGH EFFICIENCY IP67

9 - MOUNTING CONT. (REQUIRED)



Profile Spec Sheet
Detailed Information



Uniform
Continuous
Direct View
60%



Blend Opacity
30%



Softening
Opacity
10%



Clear

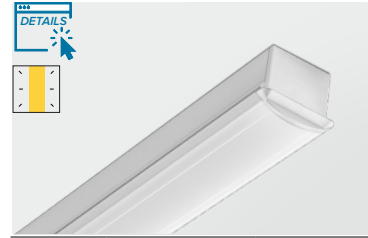
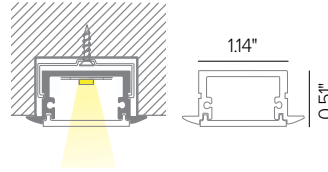
RECESSED PROFILES



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

Lens Opal Diffused

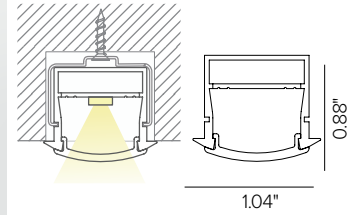
Part No. **PRIN68-2MK**



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

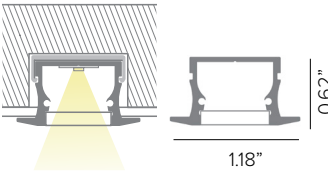
Lens Opal Diffused Asymmetric Graze Flood

Part No. **PRIN-U PRIN-UASYM PRIN-U30 PRIN-U60**



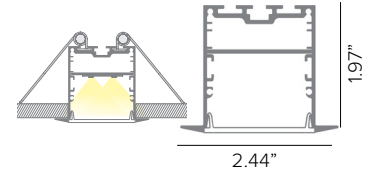
Aluminum profile with frosted polycarbonate lens for recessed installation.
Dimension: 118"L (3M). **Profile must be shipped via freight only. For efficient shipping via UPS/FedEx, lengths can be cut to 59" upon request.**

Part No. **P04H-S-PF-300**



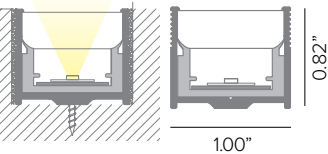
Aluminum profile with opal polycarbonate lens for recessed installation.
Dimension: 79"L (2M).

Part No. **P08D-S-PF-200**



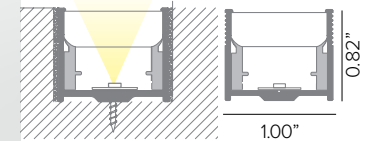
Rigid high impact three part profile with aluminum channel, white polycarbonate insert (base and side walls) with frosted top diffuser lens and aluminum track to insert strip for recessed walk over installation. Dimension: 39"L (1M)

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**



SURFACE CLIP



DURATAPE ES mounting clip, 10pcs. Recommended quantities: Straight run aiming upward 12" O.C. (1ea/ft). Curved run aiming upward or wall mounted straight 6" O.C. (2ea/ft); Wall mounted curved or ceiling mounted 3" O.C. (4ea/ft).

Part No. **DLCLP66**

DURATAPE HIGH EFFICIENCY IP67

10 - 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.
DELX601241CPWM	60W	0-10V	1%	NEMA3R	120-277V / 24V	UL Class 2	10" x 10" x 4"	MEANWELL electronic PWM driver.
DELX901241CPWM	90W	0-10V	1%	NEMA3R	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.
DELX1802242CPWM	2X90W	0-10V	1%	NEMA3R	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.
DELX2703243CPWM	3X90W	0-10V	1%	NEMA3R	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 INTERCONNECTED TAPE LENGTHS PER DRIVER

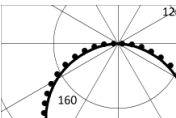
Fixture Wattage	Driver Wattage							
	30W	60W	90W	96W	2X90W	2X96W	3X90W	3X96W
2.2W	10FT	21FT	32FT	35FT	(2) 32FT	(2) 35FT	(3) 32FT	(3) 35FT
3.5W	6FT	13FT	20FT	22FT	(2) 20FT	(2) 22FT	(3) 20FT	(3) 22FT
4.4W	5FT	10FT	16FT	17FT	(2) 16FT	(2) 17FT	(3) 16FT	(3) 17FT

DURATAPE HIGH EFFICIENCY IP67

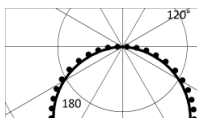
PHOTOMETRY

IES FILES SHOWN AT 1M (3.28FT) LENGTHS

2.2W/FT


	2700K	H(m)	D1(m)	D2(m)	Emax(lx)		
	-		117°	122°			
	Fixture Power	7W	1	3.25	3.62	360	
	Source Flux	1140lm	2	6.50	7.24	90	
	Fixture Flux	1140lm	3	9.74	10.86	40	
	Efficacy	158lm/W	4	12.99	14.48	22	
000370	I _{max} =316cd/klm	I _{max}	360cd	5	16.24	18.09	14

000370 I_{max}=316cd/klm I_{max} 360cd 5 16.24 18.09 14

	3500K	H(m)	D1(m)	D2(m)	Emax(lx)	
	-		117°	122°		
	Fixture Power	7W	1	3.25	3.62	387
	Source Flux	1225lm	2	6.50	7.24	97
	Fixture Flux	1225lm	3	9.74	10.86	43
	Efficacy	170lm/W	4	12.99	14.48	24

000394	I _{max} =316cd/klm	I _{max}	387cd	5	16.24	18.09	15
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000394 I_{max}=316cd/klm I_{max} 387cd 5 16.24 18.09 15

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)	
	-		117°	122°		
	Fixture Power	7W	1	3.25	3.62	387
	Source Flux	1225lm	2	6.50	7.24	97
	Fixture Flux	1225lm	3	9.74	10.86	43
	Efficacy	170lm/W	4	12.99	14.48	24

000387	I _{max} =316cd/klm	I _{max}	387cd	5	16.24	18.09	15
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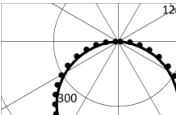
000387 I_{max}=316cd/klm I_{max} 387cd 5 16.24 18.09 15

	4000K	H(m)	D1(m)	D2(m)	Emax(lx)	
	-		117°	122°		
	Fixture Power	7W	1	3.25	3.62	399
	Source Flux	1265lm	2	6.50	7.24	100
	Fixture Flux	1265lm	3	9.74	10.86	44
	Efficacy	176lm/W	4	12.99	14.48	25


000400	I _{max} =316cd/klm	I _{max}	399cd	5	16.24	18.09	16
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000400 I_{max}=316cd/klm I_{max} 399cd 5 16.24 18.09 16

3.5W/FT

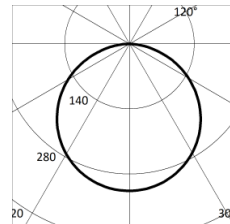
	2700K	H(m)	D1(m)	D2(m)	Emax(lx)		
	-		117°	122°			
	Fixture Power	12W	1	3.25	3.62	575	
	Source Flux	1820lm	2	6.50	7.24	144	
	Fixture Flux	1820lm	3	9.74	10.86	64	
	Efficacy	158lm/W	4	12.99	14.48	36	
	000424	I _{max} =316cd/klm	I _{max}	575cd	5	16.24	18.09

000424 I_{max}=316cd/klm I_{max} 575cd 5 16.24 18.09 23


	3500K	H(m)	D1(m)	D2(m)	Emax(lx)	
	-		117°	122°		
	Fixture Power	12W	1	3.25	3.62	619
	Source Flux	1960lm	2	6.50	7.24	155
	Fixture Flux	1960lm	3	9.74	10.86	69
	Efficacy	170lm/W	4	12.99	14.48	39

000448	I _{max} =316cd/klm	I _{max}	619cd	5	16.24	18.09	25
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000448 I_{max}=316cd/klm I_{max} 619cd 5 16.24 18.09 25

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra92	117°			
	Fixture Power	12W	1	3.25	617
	Source Flux	1955lm	2	6.50	154
	Fixture Flux	1955lm	3	9.74	69
	Efficacy	170lm/W	4	12.99	39

000431 I_{max}=316cd/klm I_{max} 617cd 5 16.24 25

	4000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra92		117°	122°			
	Fixture Power	12W	1	3.25	3.62	638	
	Source Flux	2020lm	2	6.50	7.24	159	
	Fixture Flux	2020lm	3	9.74	10.86	71	
	Efficacy	176lm/W	4	12.99	14.48	40	
	000455	I _{max} =316cd/klm	I _{max}	638cd	5	16.24	18.09

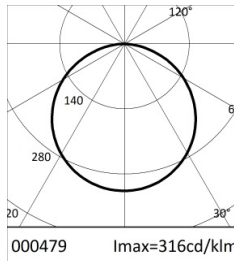
000455 I_{max}=316cd/klm I_{max} 638cd 5 16.24 18.09 26

DURATAPE HIGH EFFICIENCY IP67

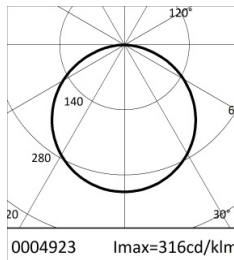
PHOTOMETRY

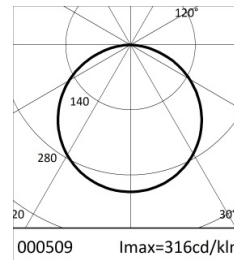
IES FILES SHOWN AT 1M (3.28FT) LENGTHS

4.4W/FT

	2700K	H(m)	D(m)	Emax(lx)	
	Ra92		117°		
	Fixture Power	14W	1	3.25	718
	Source Flux	2275lm	2	6.50	180
	Fixture Flux	2275lm	3	9.74	80
	Efficacy	158lm/W	4	12.99	45
	000479 I _{max} =316cd/klm	I _{max}	718cd	5	16.24

	3000K	H(m)	D(m)	Emax(lx)	
	Ra92		117°		
	Fixture Power	14W	1	3.25	773
	Source Flux	2450lm	2	6.50	193
	Fixture Flux	2450lm	3	9.74	86
	Efficacy	170lm/W	4	12.99	48
	000486 I _{max} =316cd/klm	I _{max}	773cd	5	16.24

	3500K	H(m)	D(m)	Emax(lx)	
	Ra92		117°		
	Fixture Power	14W	1	3.25	775
	Source Flux	2455lm	2	6.50	194
	Fixture Flux	2455lm	3	9.74	86
	Efficacy	170lm/W	4	12.99	48
	0004923 I _{max} =316cd/klm	I _{max}	775cd	5	16.24

	4000K	H(m)	D(m)	Emax(lx)	
	Ra92		117°		
	Fixture Power	14W	1	3.25	799
	Source Flux	2530lm	2	6.50	200
	Fixture Flux	2530lm	3	9.74	89
	Efficacy	176lm/W	4	12.99	50
	000509 I _{max} =316cd/klm	I _{max}	799cd	5	16.24