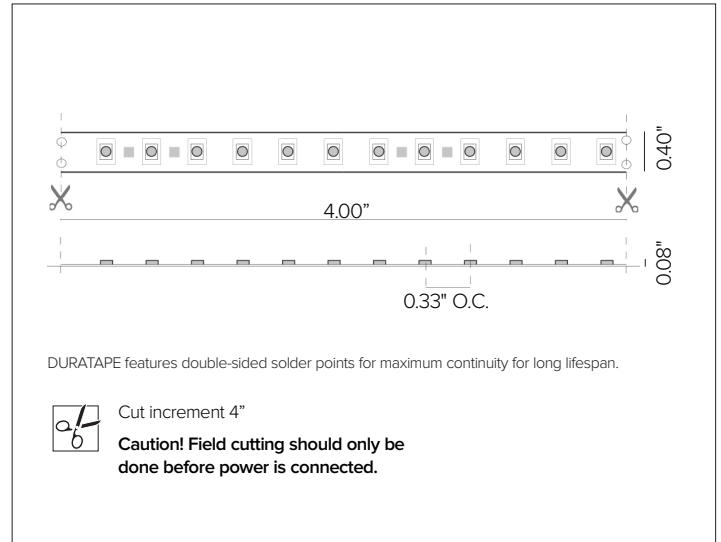
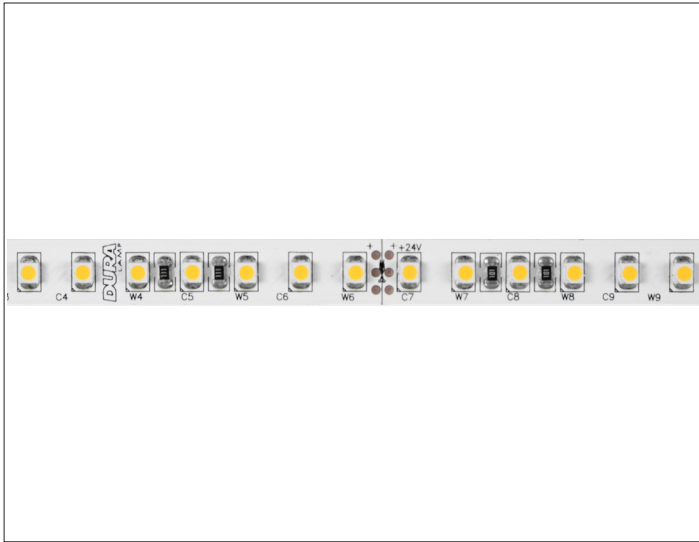


# DURATAPE ESSENTIAL WHITE IP20

## Energy Efficient Low Voltage Strip Light



### CONCEPT

Energy efficient high/mid/low output narrow spaced essential white LED linear strip light for continuous consistent color.

### MECHANICAL CHARACTERISTICS

<b>Materials</b>	Features double sided solder points for maximum conductivity and durability. 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.
<b>Functionality</b>	Ideal for linear applications such as cove, under-counter/cabinet, mill work, and detailed lighting accents.
<b>Installation</b>	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.
<b>Protection</b>	IP20

### CERTIFICATIONS

cULus Class 2 Listed E471161  
Tested in accordance with LM-79-08  
Energy efficient for California installations.  
RoHS compliant

<sup>A</sup> CEC T24 JA8-2019-E certified, 3.9W with DEL60PWM or DELI601241CPWM drivers.

### 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

<b>Power Connection</b>	Factory attached end prep, see available options. Remote Class 2 120V-277V AC power supply required, see available options.
<b>Wattage</b>	1.5W/ft / 3.0W/ft / 3.9W/ft / 4.4W/ft
<b>Voltage</b>	24V DC
<b>Trigger Time</b>	< 0.2s
<b>Number of cycles</b>	100,000
<b>Operating Temp.</b>	-25°C / +35°C
<b>Max Continuous Length</b>	Field trimmable every 4". 36ft / 1.5W/ft 22ft / 3.0W/ft 19ft / 3.9W/ft 16ft / 4.4W/ft

### SOURCE

<b>LEDs</b>	36 LEDs/ft						
<b>Spacing</b>	0.33" O.C.						
<b>TM30</b>	<b>CCT (Nominal)</b>	<b>CRI</b>	<b>Rf</b>	<b>Rg</b>	<b>R9</b>	<b>DUV</b>	<b>SDCM</b>
	2200K	97	94	103	85	0.0009	2
	2700K	98	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

<b>Strip &amp; LED Details</b>	<b>Model</b>	<b>W/LED</b>	<b>Delivered Lumens*</b>		<b>Viewing Angle</b>
			3000K	4000K	
	1.5W/ft	0.04W	125Lm/ft	137Lm/ft	108°
	3.0W/ft	0.08W	259Lm/ft	274Lm/ft	108°
	3.9W/ft	0.10W	351Lm/ft	366Lm/ft	108°
	4.4W/ft	0.12W	412Lm/ft	427Lm/ft	108°

\* Meets Title 24 High efficacy rating.

<b>Efficacy</b>	100Lm/W max. Refer to photometric graphs for specific values.
<b>Lifetime</b>	1.5W / 3.0W: L70/B10 >60,000hrs at max TA +45°C 3.9W: L70/B10 >50,000hrs at max TA +45°C 4.4W: L70/B10 >40,000hrs at max TA +45°C


# DURATAPE ESSENTIAL WHITE IP20

## SPECIFICATION INFORMATION

DL										
1	2	3	4	5	6	7	8	9	10	11
							REQUIRED	OPTIONAL		REQUIRED

Ex: DLES30I27HC24 / 07U1ICBL1 / PRAP-U / DMLE60I242UD

1 - PRODUCT CODE	2 - TYPE	3 - WATTAGE	4 - RATING	5 - KELVIN	6 - CRI	7 - VOLTAGE
DL — DURATAPE™	ES — Essential White	15 — 1.5W/ft 30 — 3.0W/ft 39 <sup>A</sup> — 3.9W/ft 44 — 4.4W/ft	I — IP20	22 — 2200K 27 — 2700K 30 — 3000K 35 — 3500K 40 — 4000K 2400K available upon request	HC — +96 CRI	24 — 24V DC
8 - END PREP CONNECTION	9 - INTERCONNECTION	10 - MOUNTING	11 - DRIVER			
REQUIRED <a href="#">See section for details</a>	OPTIONAL <a href="#">See section for details</a>	REQUIRED <a href="#">See section for details</a>	REQUIRED <a href="#">See section for details</a>			

 QSDLES30I27HC24 + 07U1ICBL1 + PRAP-U / PRAN-U + DMLE30I242UD / DMLE60I242UD / DMLE96I242UD  
QSDLES30I30HC24 + 07U1ICBL1 + PRAP-U / PRAN-U + DMLE30I242UD / DMLE60I242UD / DMLE96I242UD  
QSDLES30I35HC24 + 07U1ICBL1 + PRAP-U / PRAN-U + DMLE30I242UD / DMLE60I242UD / DMLE96I242UD  
QSDLES44I30HC24 + 07U1ICBL1 + PRAP-U / PRAN-U + DMLE30I242UD / DMLE60I242UD / DMLE96I242UD

\* Lead time for quick ship fixtures is 1-2 weeks from processed PO date. Consult factory for quantities of over 500ft to confirm lead time.

 <sup>A</sup> DLES39I22HC24 + END PREP + PROFILE + DEL60PWM / DELI60I241CPWM  
DLES39I27HC24 + END PREP + PROFILE + DEL60PWM / DELI60I241CPWM  
DLES39I30HC24 + END PREP + PROFILE + DEL60PWM / DELI60I241CPWM  
DLES39I35HC24 + END PREP + PROFILE + DEL60PWM / DELI60I241CPWM  
DLES39I40HC24 + END PREP + PROFILE + DEL60PWM / DELI60I241CPWM

## INSTALLATION EXAMPLES



# DURATAPE ESSENTIAL WHITE IP20

## 8 - END PREP CONNECTION (REQUIRED)



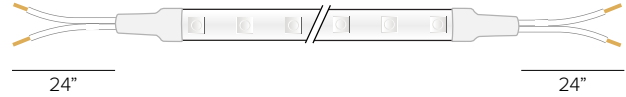
DURATAPE factory attached single lead wire end prep. Lead wire/dead end allows for connection to power at lead end and field trim of DURATAPE product at the other end. Translucent wire with positive/negative identification that easily blends into the mounting environments.

Part No. **07UI1CBL1**

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

Length Per foot

Part No. **07UI1ADDCBL1**



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. **07UI1CBL2**

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

Length Per foot

Part No. **07UI1ADDCBL1**

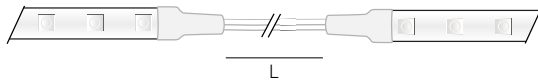
## 8 - END PREP CONNECTION (OPTIONAL)



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. **07UI1ADDCON**

## 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.	<b>07UI1FOLD CBL-01</b>	<b>07UI1FOLD CBL-02</b>	<b>07UI1FOLD CBL-03</b>	<b>07UI1FOLD CBL-04</b>	<b>07UI1FOLD CBL-06</b>

# DURATAPE ESSENTIAL WHITE IP20

## 10 - MOUNTING (REQUIRED)

[WEBSITE LINK](#)  
[SPEC SHEET](#)
 **UNIFORM**  
DIRECT VIEW

 **BLENDED**  
DIRECT/INDIRECT  
VIEW

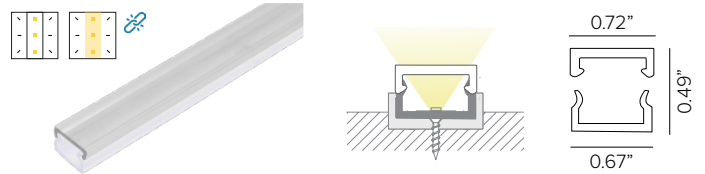
 **PIXEL**  
INDIRECT VIEW

### CLIPS AND SURFACE PROFILES



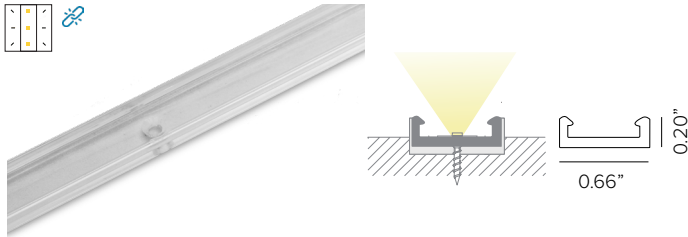
DURATAPE ES plastic mounting clip, package of 10ea. Recommended quantities per use: Straight flat run aiming upward 12" O.C. (1/ft); Curved aiming upward or wall mounted straight 6" O.C. (2/ft); Wall mounted curved or ceiling mounted 3" O.C. (4/ft).

Part No. **DLCLP20**



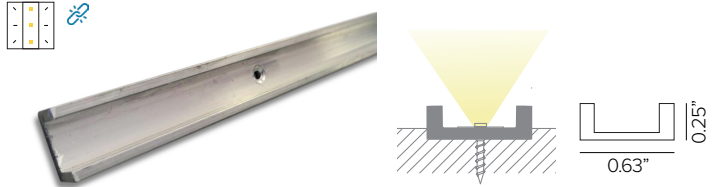
Two-piece PVC mounting tube, white opaque base with cover (clear or frosted). Countersink screw holes, 12" O.C. Dimension: 48"L.

Cover Diffusion	Clear	Frosted 10%	Frosted 30%	Frosted 60%
Part No.	<b>DLW2PCC</b>	<b>DLW2PCF10</b>	<b>DLW2PCF30</b>	<b>DLW2PCF60</b>



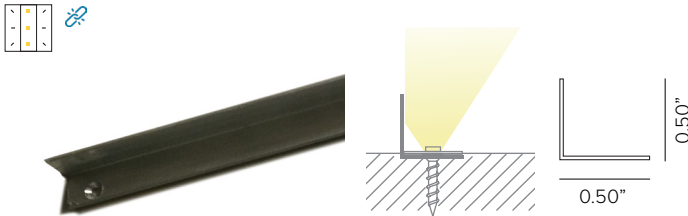
Clear PVC "U" channel. Countersink screw holes, 12" O.C. Dimension: 96"L.

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



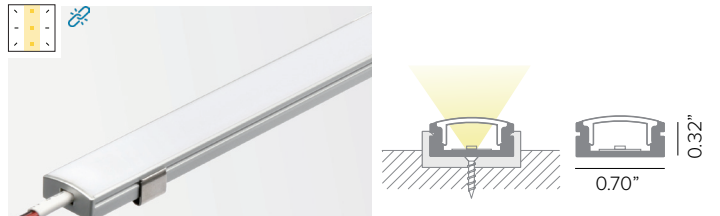
Rigid aluminum "U" channel. Countersink screw holes, 12" O.C. Dimension: 96"L.

Part No. **DLALUMU8**



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

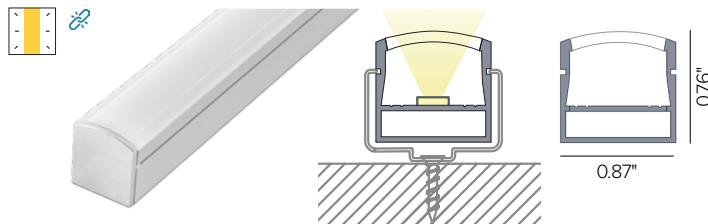
Part No. **DLALUML8**



Aluminum profile with white polycarbonate lens for surface or recessed installation with limited width. Equipped with angle-joint accessory. Dimension: 118"L (3M).

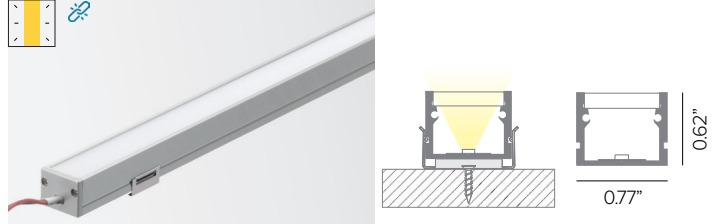
**Profile must be shipped via freight only. For efficient shipping via UPS/FedEx, lengths can be cut to 59" upon request.**

Part No. **P01B-S-PF-300**



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

Part No. **PRAP-U**



Aluminum profile with polycarbonate lens with uniform light distribution for surface or recessed with suitable clips. 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. **P03B-S-PF-300**

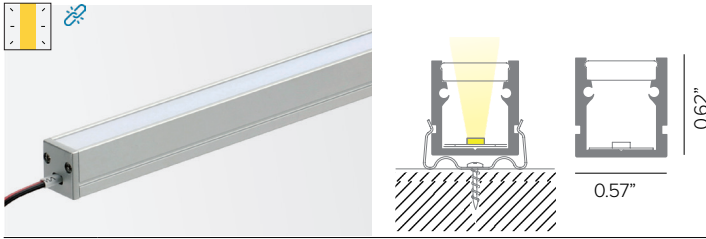
# DURATAPE ESSENTIAL WHITE IP20

## 10 - MOUNTING CONT. (REQUIRED)

### SURFACE PROFILES CONT.

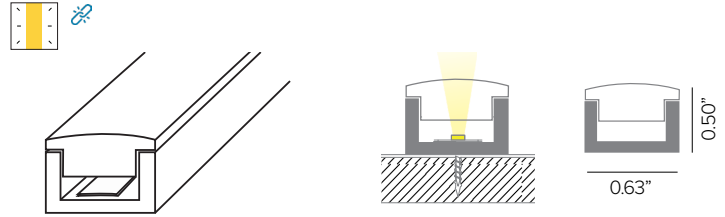
[WEBSITE LINK](#)  
[SPEC SHEET](#)
 **UNIFORM**  
DIRECT VIEW

 **BLENDED**  
DIRECT/INDIRECT  
VIEW

 **PIXEL**  
INDIRECT VIEW


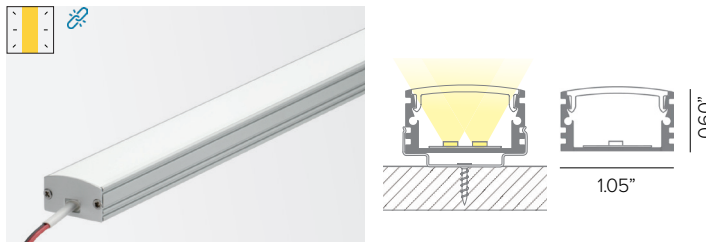
Aluminum profile with frosted polycarbonate lens for surface installation.  
Dimension: 79"L (2M).

Part No. **P04A-S-PF-200**



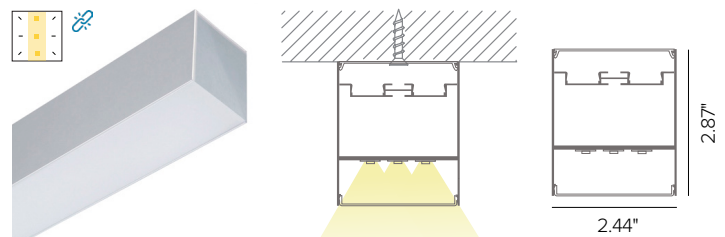
Surface mounted two-piece aluminum U-channel with opal polycarbonate lens with 6" O.C. screw holes. Snap in diffusion lens for shadowless light for continuous illumination distribution. Dimension: 72"L.

Part No. **DL-ALUM-C-6**



Aluminum profile with opal polycarbonate lens for surface or recessed with suitable clips. 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.**

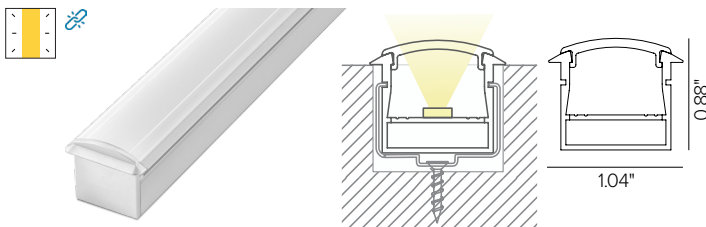
Part No. **P04B-S-PF-300**



Aluminum profile with frosted polycarbonate lens for surface mount.  
Dimension: 48"L.

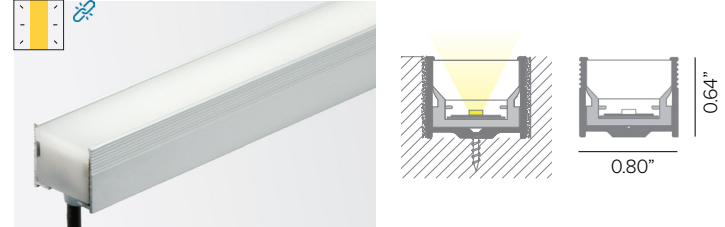
Part No. **PRDESO**

### RECESSED PROFILES



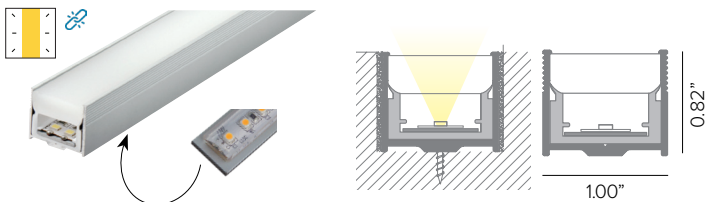
Recessed flush mount anodized aluminum rigid profile complete with opal translucent lens. Dimension: 79"L (2M)

Part No. **PRIN-U**



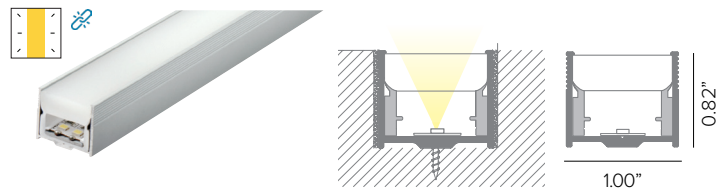
Aluminum high impact walk over rated profile with frosted polycarbonate lens for recessed installation. Dimension: 118"L (3M). **Profile must be shipped via freight only. For efficient shipping via UPS/FedEx, lengths can be cut to 59" upon request.**

Part No. **P03E-S-PF-300**



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**

# DURATAPE ESSENTIAL WHITE IP20

## 10 - MOUNTING CONT. (REQUIRED)

### RECESSED PROFILES CONT.



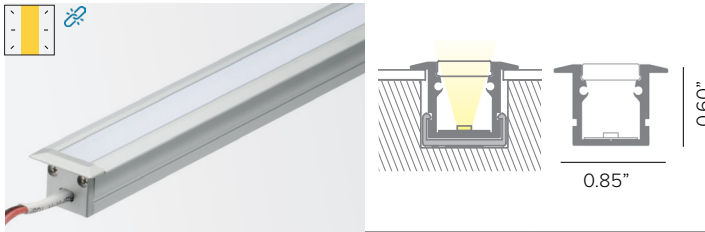
UNIFORM  
DIRECT VIEW



BLENDED  
DIRECT/INDIRECT  
VIEW

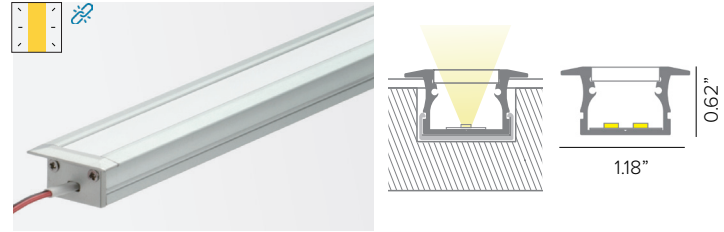


PIXEL  
INDIRECT VIEW



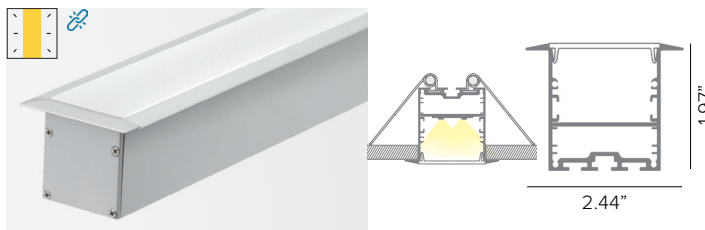
Aluminum profile with frosted polycarbonate lens for recessed installation. Dimension: 118"L (3M). **Profile must be shipped via freight only. For efficient shipping via UPS/FedEx, lengths can be cut to 59" upon request.**

Part No. **P03H-S-PF-300**



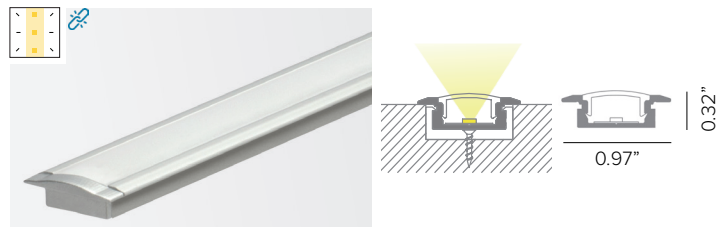
Aluminum profile with frosted polycarbonate lens for recessed installation. Dimension: 118"L (3M). **Profile must be shipped via freight only. For efficient shipping via UPS/FedEx, lengths can be cut to 59" upon request.**

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



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

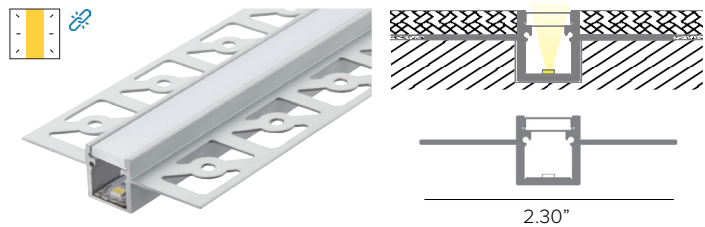
Part No. **P08D-S-PF-300**



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.**

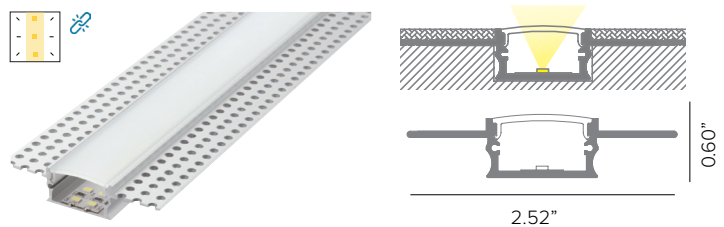
Part No. **P02H-S-PF-300**

### TRIMLESS MUD-IN PROFILES



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

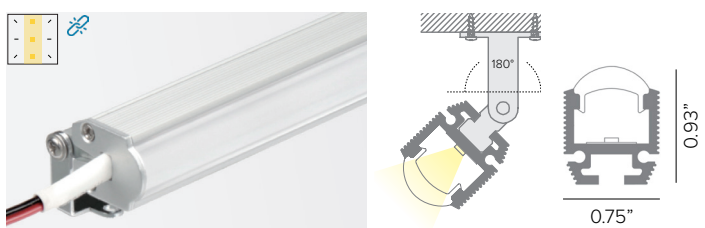
Part No. **P05B-S-PF-300**



Recessed trimless mud-in aluminum profile with opal polycarbonate lens for installation in plasterboard. Dimension: 79"L (2M)

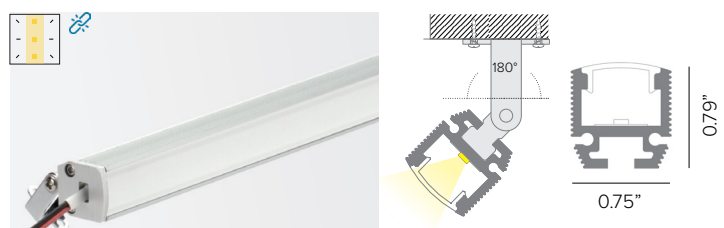
Part No. **PRINCG**

### ADJUSTABLE PROFILES



Surface mount adjustable aluminum profile with frosted PMMA lens. Lens shape creates narrower illumination. 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**



Surface mount adjustable aluminum profile with opal 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**

# DURATAPE ESSENTIAL WHITE IP20

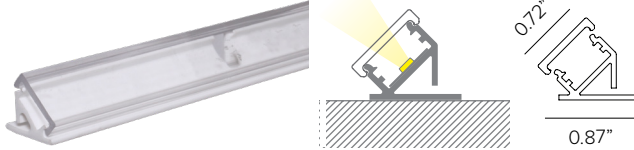
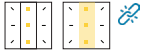
## 10 - MOUNTING CONT. (REQUIRED)

[WEBSITE LINK](#)  
[SPEC SHEET](#)
 **UNIFORM**  
DIRECT VIEW

 **BLENDED**  
DIRECT/INDIRECT  
VIEW

 **PIXEL**  
INDIRECT VIEW

### ANGLED PROFILES



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.	<b>DLW45CVR4-C</b>	<b>DLW45CVR4-F10</b>	<b>DLW45CVR4-F30</b>	<b>DLW45CVR4-F60</b>



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

Part No. **PRAN-U**



45° aluminum profile with opal polycarbonate lens for surface or recessed corner applications. 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. **P03F-S-PF-300**



Aluminum profile with opal polycarbonate lens for surface in 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**



Fixed 30° angled aluminum profile opal 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**



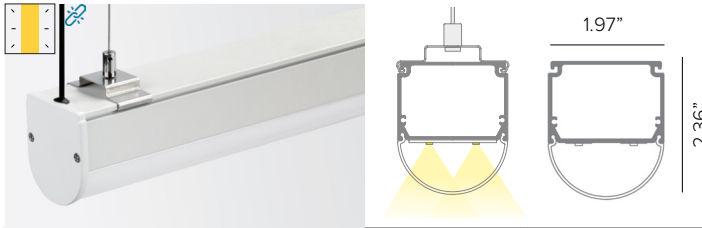
# DURATAPE ESSENTIAL WHITE IP20

## 10 - MOUNTING CONT. (REQUIRED)

[WEBSITE LINK](#)  
[SPEC SHEET](#)

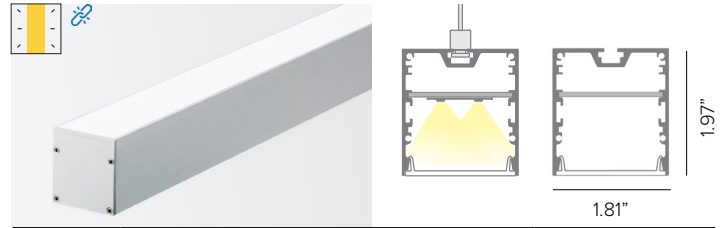


### SUSPENDED PROFILES



Aluminum profile with domed 180° opal polycarbonate lens for suspension 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.**

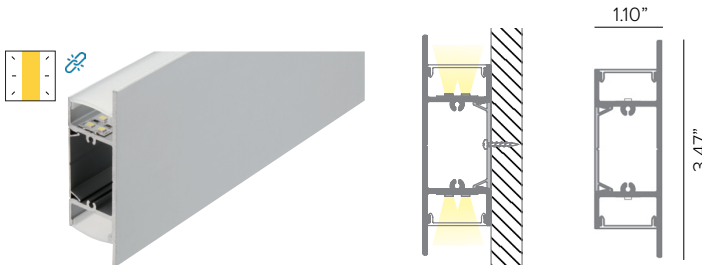
Part No. **P07A-S-PF-300**



Aluminum profile with opal polycarbonate lens for suspension 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. **P01L-S-PF-300**

### WALL MOUNT PROFILE



Wall mount aluminum profile with two opal polycarbonate lenses for direct/indirect 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. **P06A-S-PF-300**



# DURATAPE ESSENTIAL WHITE IP20

## 11 - POWER SUPPLY (REQUIRED)

ENCLOSURE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
<b>DMLE301242UD</b>	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.
<b>DELV30124DJBX</b>	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.
<b>DMLE601242UD</b>	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.
<b>DELV60124DJBX</b>	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.
<b>DELI601241CPWM</b>	60W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	10" x 10" x 4"	MEANWELL electronic PWM driver.
<b>DELI901241CPWM</b>	90W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	10" x 10" x 4"	MEANWELL electronic PWM driver.
<b>DMLE961242UD</b>	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.
<b>DELV96124DJBX</b>	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.
<b>DELI1802242CPWM</b>	2X90W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	MEANWELL electronic PWM driver.
<b>DMLE1922242UD</b>	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.
<b>DELI2703243CPWM</b>	3X90W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	MEANWELL electronic PWM driver.
<b>DMLE2882242UD</b>	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
<b>DELV30124D</b>	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. <b>UL listed enclosure provided by others.</b>
<b>DEL60PWM</b>	60W	0-10V	1%	IP67	120-277V / 24V	UL Class 2	5.9" X 2.09" X 1.38"	MEANWELL electronic PWM driver. <b>UL listed enclosure provided by others.</b>
<b>DELV60124D</b>	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. <b>UL listed enclosure provided by others.</b>
<b>DEL90PWM</b>	90W	0-10V	1%	IP67	120-277V / 24V	UL Class 2	6.73" X 2.48" X 1.48"	MEANWELL electronic PWM driver. <b>UL listed enclosure provided by others.</b>
<b>DELV96124D</b>	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. <b>UL listed enclosure provided by others.</b>

### MAX INTERCONNECTED TAPE LENGTHS PER DRIVER


Fixture Wattage	Driver Wattage									
	30W	40W	60W	90W	96W	2X90W	2X96W	3X90W	3X96W	
	1.5W	18FT	24FT	36FT	54FT	57FT	(2) 54FT	(2) 57FT	(3) 54FT	(3) 57FT
	3.0W	9FT	12FT	18FT	27FT	28FT	(2) 27FT	(2) 28FT	(3) 27FT	(3) 28FT
	3.9W	6FT	9FT	13FT	20FT	22FT	(2) 20FT	(2) 22FT	(3) 20FT	(3) 22FT
	4.4W	6FT	8FT	12FT	18FT	19FT	(2) 18FT	(2) 19FT	(3) 18FT	(3) 19FT

# DURATAPE ESSENTIAL WHITE IP20


## PHOTOMETRY

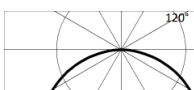
IES FILES SHOWN AT 1M (3.28FT) LENGTHS

### 1.5W/FT



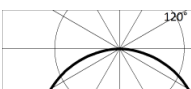
	2200K	H(m)	D(m)	Emax(lx)
	-		108"	
Fixture Power	5W	1	2.74	122
Source Flux	340lm	2	5.47	30
Fixture Flux	340lm	3	8.21	14
Efficacy	68lm/W	4	10.94	8
938949 I <sub>max</sub> =358cd/klm	I <sub>max</sub>	122cd	5	13.68

	3000K	H(m)	D(m)	Emax(lx)	
	-		108*		
	Fixture Power	5W	1	2.74	147
	Source Flux	410lm	2	5.47	37
	Fixture Flux	410lm	3	8.21	16
	Efficacy	82lm/W	4	10.94	9
	938819 I <sub>max</sub> =358cd/klm	I <sub>max</sub>	147cd	5	13.68



	4000K	H(m)	D(m)	Emax(lx)
	Ra95		108°	
Fixture Power	5W	1	3.57	142
Source Flux	450lm	2	7.13	36
Fixture Flux	450lm	3	10.70	16
Efficacy	90lm/W	4	14.27	9
938796 I <sub>max</sub> =317cd/klm	I <sub>max</sub>	143cd	5	17.83
				6

	2700K	H(m)	D(m)	Emax(lx)
	-		108°	
Fixture Power	5W	1	2.74	140
Source Flux	390lm	2	5.47	35
Fixture Flux	390lm	3	8.21	16
Efficacy	78lm/W	4	10.94	9
938826 I <sub>max</sub> =358cd/klm	I <sub>max</sub>	140cd	5	13.68




	3500K	H(m)	D(m)	Emax(lx)
	Ra95		108°	
Fixture Power	5W	1	3.57	142
Source Flux	450lm	2	7.13	36
Fixture Flux	450lm	3	10.70	16
Efficacy	90lm/W	4	14.27	9
07U352405I <sub>N</sub> I <sub>max</sub> =317cd/klm	I <sub>max</sub>	143cd	5	17.83
				6

### 3.0W/FT

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	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	-		108°	109°	
Fixture Power	9W	1	2.74	2.79	304
Source Flux	850lm	2	5.47	5.57	76
Fixture Flux	850lm	3	8.21	8.36	34
Efficacy	94lm/W	4	10.94	11.14	19
07U302410I <sub>N</sub> I <sub>max</sub> =358cd/klm	I <sub>max</sub>	304cd	5	13.68	13.93

	4000K	H(m)		D1(m)	D2(m)	Emax(lx)
	-			108°	109°	
	Fixture Power	9W	1	2.74	2.79	322
	Source Flux	900lm	2	5.47	5.57	81
	Fixture Flux	900lm	3	8.21	8.36	36
	Efficacy	100lm/W	4	10.94	11.14	20
	07U402410I <sub>N</sub> I <sub>max</sub> =358cd/klm	I <sub>max</sub>	322cd	5	13.68	13.93

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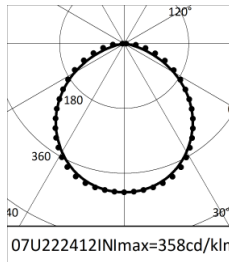
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# DURATAPE ESSENTIAL WHITE IP20

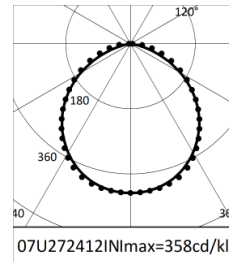
## PHOTOMETRY

IES FILES SHOWN AT 1M (3.28FT) LENGTHS

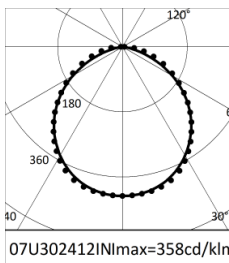
### 3.9W/FT



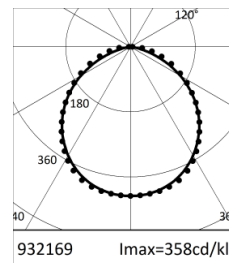
2200K	H(m)	D1(m)	D2(m)	Emax(lx)
-	108°	109°		
Fixture Power	12W	1	2.74	2.79 412
Source Flux	1150lm	2	5.47	5.57 103
Fixture Flux	1150lm	3	8.21	8.36 46
Efficacy	96lm/W	4	10.94	11.14 26
07U222412INImax=358cd/klm	Imax	412cd	5	13.68 13.93 16



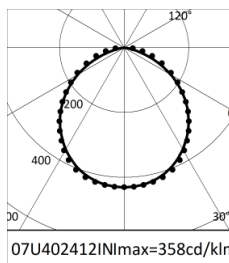
2700K	H(m)	D1(m)	D2(m)	Emax(lx)
-	108°	109°		
Fixture Power	12W	1	2.74	2.79 412
Source Flux	1150lm	2	5.47	5.57 103
Fixture Flux	1150lm	3	8.21	8.36 46
Efficacy	96lm/W	4	10.94	11.14 26
07U272412INImax=358cd/klm	Imax	412cd	5	13.68 13.93 16



3000K	H(m)	D1(m)	D2(m)	Emax(lx)
-	108°	109°		
Fixture Power	12W	1	2.74	2.79 412
Source Flux	1150lm	2	5.47	5.57 103
Fixture Flux	1150lm	3	8.21	8.36 46
Efficacy	96lm/W	4	10.94	11.14 26
07U302412INImax=358cd/klm	Imax	412cd	5	13.68 13.93 16

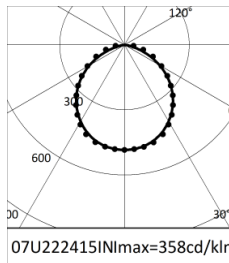


3500K	H(m)	D1(m)	D2(m)	Emax(lx)
-	108°	109°		
Fixture Power	12W	1	2.74	2.79 412
Source Flux	1150lm	2	5.47	5.57 103
Fixture Flux	1150lm	3	8.21	8.36 46
Efficacy	96lm/W	4	10.94	11.14 26
932169 Imax=358cd/klm	Imax	412cd	5	13.68 13.93 16

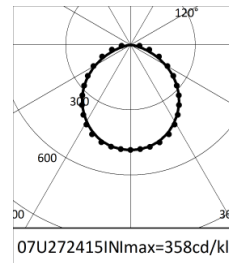


4000K	H(m)	D1(m)	D2(m)	Emax(lx)
-	108°	109°		
Fixture Power	12W	1	2.74	2.79 430
Source Flux	1200lm	2	5.47	5.57 107
Fixture Flux	1200lm	3	8.21	8.36 48
Efficacy	100lm/W	4	10.94	11.14 27
07U402412INImax=358cd/klm	Imax	430cd	5	13.68 13.93 17

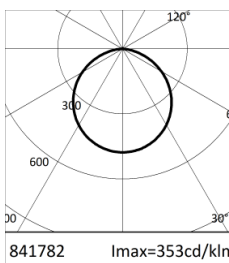
### 4.4W/FT



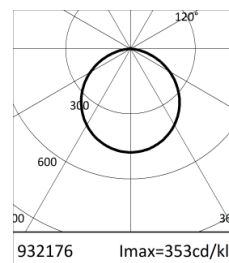
2200K	H(m)	D1(m)	D2(m)	Emax(lx)
-	108°	109°		
Fixture Power	15W	1	2.74	2.79 483
Source Flux	1350lm	2	5.47	5.57 121
Fixture Flux	1350lm	3	8.21	8.36 54
Efficacy	90lm/W	4	10.94	11.14 30
07U222415INImax=358cd/klm	Imax	483cd	5	13.68 13.93 19



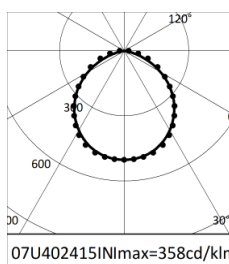
2700K	H(m)	D1(m)	D2(m)	Emax(lx)
-	108°	109°		
Fixture Power	15W	1	2.74	2.79 483
Source Flux	1350lm	2	5.47	5.57 121
Fixture Flux	1350lm	3	8.21	8.36 54
Efficacy	90lm/W	4	10.94	11.14 30
07U272415INImax=358cd/klm	Imax	483cd	5	13.68 13.93 19



3000K	H(m)	D1(m)	D2(m)	Emax(lx)
-	108°	109°		
Fixture Power	15W	1	3.03	476
Source Flux	1350lm	2	6.06	119
Fixture Flux	1350lm	3	9.09	53
Efficacy	90lm/W	4	12.12	30
841782 Imax=353cd/klm	Imax	476cd	5	15.15 19



3500K	H(m)	D1(m)	D2(m)	Emax(lx)
-	108°	109°		
Fixture Power	15W	1	3.03	476
Source Flux	1350lm	2	6.06	119
Fixture Flux	1350lm	3	9.09	53
Efficacy	90lm/W	4	12.12	30
932176 Imax=353cd/klm	Imax	476cd	5	15.15 19



4000K	H(m)	D1(m)	D2(m)	Emax(lx)
-	108°	109°		
Fixture Power	15W	1	2.74	2.79 501
Source Flux	1400lm	2	5.47	5.57 125
Fixture Flux	1400lm	3	8.21	8.36 56
Efficacy	93lm/W	4	10.94	11.14 31
07U402415INImax=358cd/klm	Imax	501cd	5	13.68 13.93 20