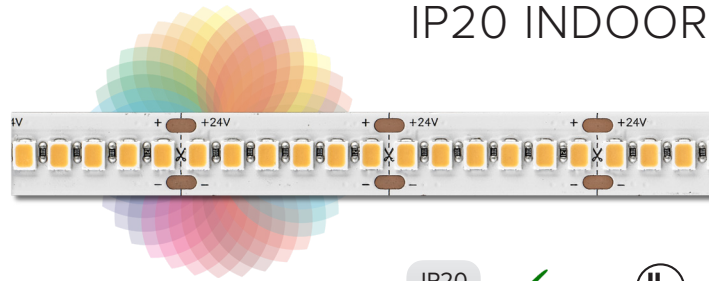




a brand of TARGETTI

# DURATAPE™ FULL SPECTRUM

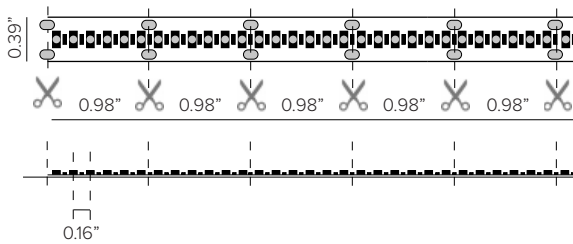
## IP20 INDOOR



### KEY FEATURES

- DURATAPE FULL SPECTRUM replicates colors in the environment, returning vividness of the objects in all color temperatures. DURASTRIP FULL SPECTRUM is ideal for environments where the point of color is very important, such as art galleries, museums, fabric and finish shops.
- Sold per foot and manufactured to specified lengths with factory attached end preps.
- Features double layer of 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.
- 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 18' per run (4.3W/ft)
- Multiple dimming options available.

### DIMENSIONAL DRAWINGS



### DETAILS

<b>Spacing</b>	0.16" OC LED Spacing
<b>LEDs</b>	73 LEDs per foot
<b>Color Temp</b>	2700K / 3000K / 3500K / 4000K
<b>Color Consistency</b>	Bin centered on the Planck curve with a 1 step MacAdam tolerance.
<b>CRI</b>	2700K: 98 / 3000K: 99 / 3500K: 97 / 4000K: 96
<b>End Preps</b>	Factory prepped wiring options (See Page 2)
<b>Mounting</b>	Includes installation-ready 3M tape adhesive for simplified installation directly to mounting channel or application surface
<b>Installation</b>	Optional mounting channels and clips, protective lens covers, thermal channels for optimal maintainance. Field trimmable every 0.98".
<b>Power Supply</b>	Listed Class 2 output, 24V DC power supply required
<b>Certifications</b>	cULus Class 2 Damp Listed E471161 Tested in accordance with LM-79-08 Energy efficient for California installations.
<b>Compliance</b>	RoHS compliant
<b>Warranty</b>	5 year warranty

### TM30

CCT	CRI Ra	R9	Rf	Rg	Duv
2700K	98	97	93.3	99.4	0.0009
3000K	99	97	93.5	100.0	0.0012
3500K	97	98	90.0	98.5	0.0016
4000K	96	98	89.9	97.6	0.0023

### FIXTURE DATA

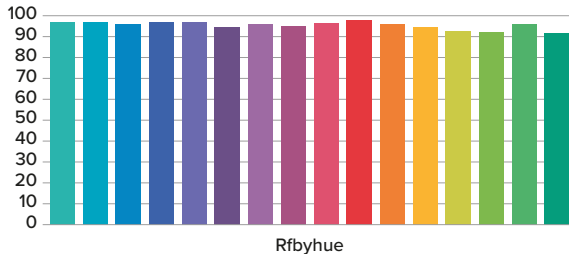
Model	Efficacy Lm/Wt	Lm/Ft	Wt/Ft
2700K	83	357	4.3
3000K	88	377	4.3
4000K	92	397	4.3

### LED DATA

Model	Wattage	Viewing Angle	Lifespan at 90% drive
4.3W/ft	0.06W	120°	60,000hrs

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

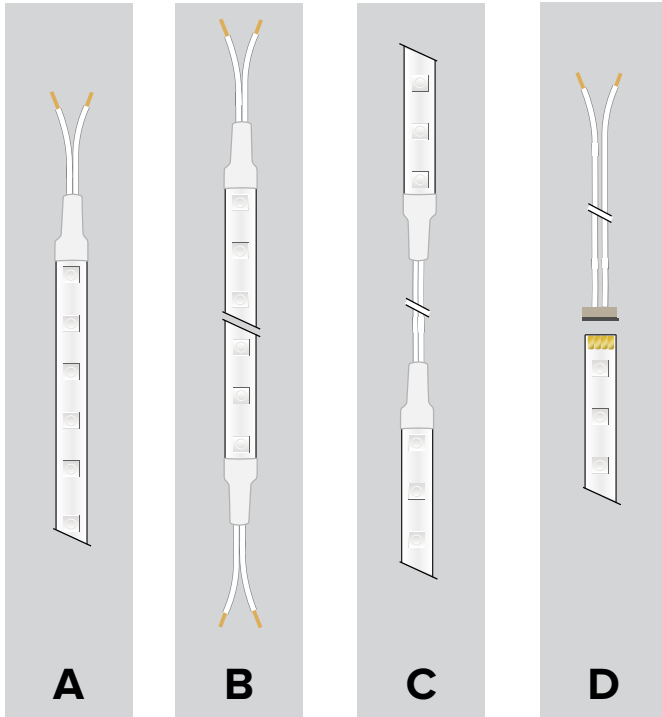
\* Meets Title 24 High efficacy rating.



PRODUCT CODE	INTENSITY	WATTAGE	IP RATING	COLOR TEMP	VOLTAGE	+	END PREP	+	MOUNTING	+	POWER SUPPLY
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DL—Duratape™ FS— Full Spectrum 43 — 4.3 W/ft I — Indoor IP20 27 — 2700K 24 — 24 VDC  
 30 — 3000K  
 35 — 3500K  
 40 — 4000K

**END PREPS AND CONNECTORS (REQUIRED) - Choose 1**



**REQUIRED END PREPS:**  
(One required for each run of tape)

**A**

**07UI1CBL1: 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.

**07UI1ADDCBL-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**

**07UI1CBL2: 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.**

**07UI1ADDCBL-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**

**07UI1FOLD 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**

**07UI1ADDCON**

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



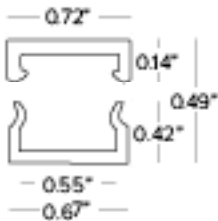
#### DL-ALUM-U-8

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



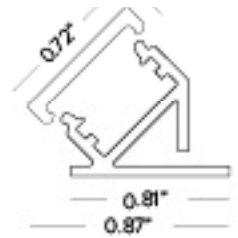
#### DL-MCHAN-8

Linear Mounting profile. Available in 8' lengths.



#### DL-W-2PC-C (Clear)

**DL-W-2PC-F10/F30/F60 (Frosted)**  
Two-piece mounting tube; base (clear) with cover (frosted) for linear applications. Frosted diffusion levels, 10%, 30% or 60%. Available in 4' lengths.

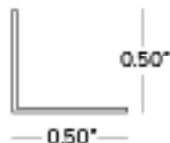


#### DL-W-45-MCH-4 (Base, REQUIRED)

45° mounting base (white) for 45° mounted linear applications. Available in 4' lengths.

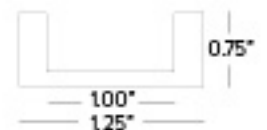
#### DL-W-45-CVR-4-C (Clear)

**DL-W-45-CVR-4-F10/F30/F60 (Frosted)**  
45° mounting base cover. Available in 4' 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.



#### 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.

### SURFACE PROFILES



#### 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.

**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.



#### P01B-A-EC

3+3 pc silver end caps.

#### P01B-A-MC

4 Metal mounting clips.

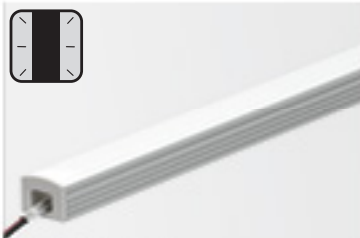


#### P01B-A-CP

3 pc silver color junction brackets.

#### P01B-A-CP90

3 pc silver color 90° junction brackets.



#### P02B-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.

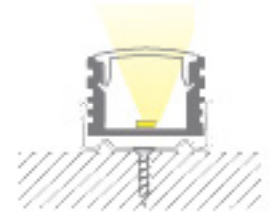
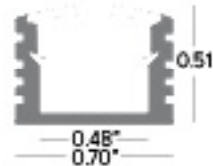


#### P02B-A-EC

3+3 pc silver end caps.

#### P02B-A-MC

4 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.



#### P03B-S-PF-300

Aluminum profile with polycarbonate lens with uniform light distribution for surface or recessed with suitable clips. Available in 118in (3M) lengths.

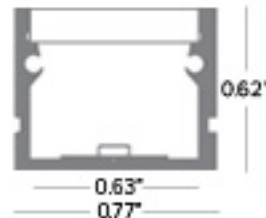


#### P03B-A-EC

3+3 pc silver end caps.

#### P03B-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.

### SURFACE PROFILES CONT.



**P04B-S-PF-300**

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

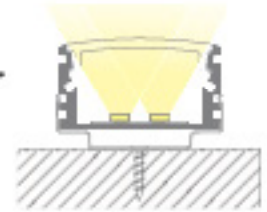
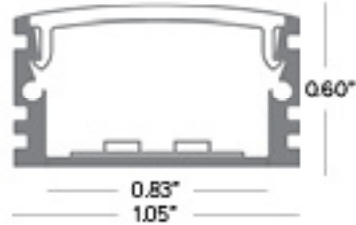


**P04B-A-EC**

3+3 pc metal end caps.

**P04B-A-MC**

3 Metal mounting clips.



**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.



**P03F-S-PF-300**

Aluminum profile for surface or recessed corner with suitable clips. Available in 118in (3M) lengths.

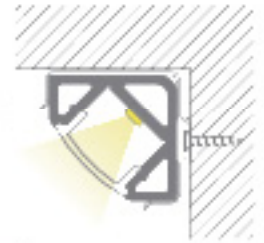
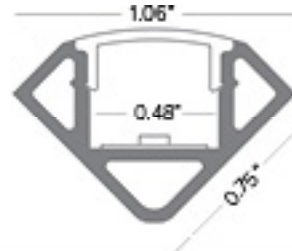


**P03F-A-EC**

3+3 pc end caps.

**P03F-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.



**P04F-S-PF-300**

Aluminum profile for surface in 90° angles with suitable clips. Available in 118in (3M) lengths.

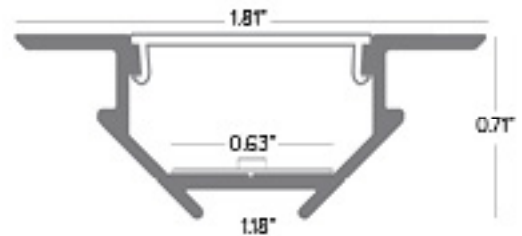


**P04F-A-EC**

3+3 pc end caps.

**P04F-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.

### SURFACE PROFILES CONT.



**PRAP-U**  
Surface mount aluminum profile. Anodized aluminum rigid profile complete with opal translucent diffuser cover. Available in 79in (2M) lengths.



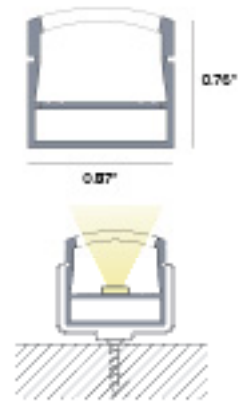
**KTPRAP-UEC**  
5 + 5 silver color end caps

**KTPRU-CL**  
5 sets of clips



**OR-DEV**  
Set of steel supports required with use of KTORDEV-U.

**KTORDEV-U**  
Set of aluminum mounting heads required with use of OR-DEV.

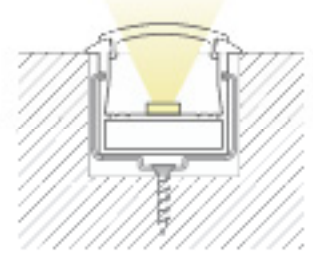
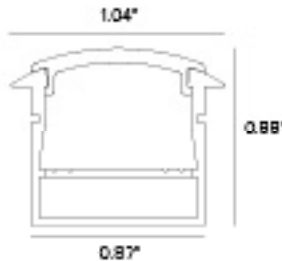


**PRIN-U**  
Flush mount aluminum profile. Anodized aluminum rigid profile complete with opal translucent diffuser cover. Available in 79in (2M) lengths.



**KTPRIN-UEC**  
5 + 5 silver color end caps

**KTPRU-CL**  
5 sets of clips

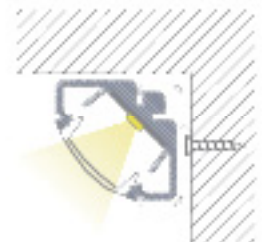
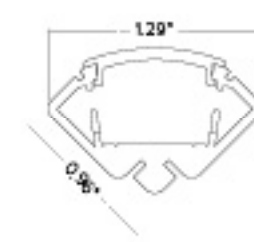


**PRAN-U**  
45° aluminum profile. Anodized aluminum rigid profile complete with opal translucent diffuser cover. Available in 79in (2M) lengths.

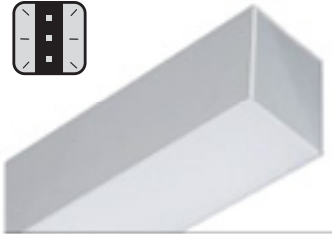


**KTPRAN-UEC**  
5 + 5 silver color end caps

**KTPRAN-UCL**  
5 sets of clips



### SURFACE PROFILES CONT.

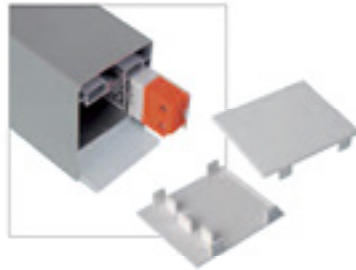


#### PRDESO

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

#### PRDESO-SL

Rear support for surface mount.

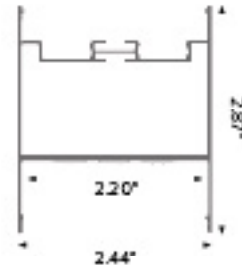


#### PRDESO-FL

Front screen in flat opal polycarbonate plate.

#### KTPRDESO-FL

Set of two side and caps flat screen.



### RECESSED PROFILES



#### P02H-S-PF-300

Aluminum profile with white PMMA screen for recessed installation with limited width. 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.



#### P02H-A-EC

3+3 pc silver end caps.

#### P02H-A-MC

3 Metal mounting clips.

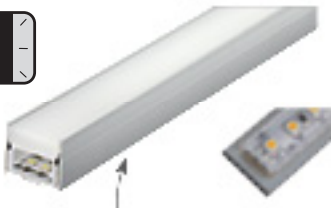
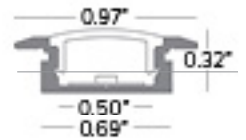


#### P02H-A-CP

3 pc silver junction brackets.

#### P02H-A-CP90

3 junction brackets with 90° angle.



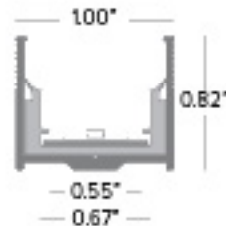
#### PRINTC-G

Rigid high impact resistant PMMA profile complete with a white plastic diffuser lensed channel for recessed walk over installation. Complete with track for easy strip insertion. Available in 3.28ft (1M) lengths.



#### KTRPRINTC-G

2+2 PC end caps

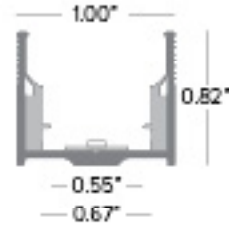


### RECESSED PROFILES CONT



**PRINTC-GUS**  
Rigid high impact resistant PMMA profile complete with two part white plastic diffuser lens and aluminum channel for surface or recessed mounting. Available in 3.28ft (1M) lengths.

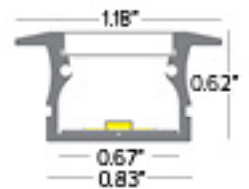
**KTRPRINTC-G**  
2+2 PC end caps



**P04H-S-PF-300**  
Aluminum profile with white polycarbonate screen for recessed installation. Available in 118in (3M) lengths.

**P04H-A-EC**  
3+3 pc silver end caps.  
**P04H-A-MC**  
3 Metal mounting clips.

**P04H-A-FS**  
3 pc metal ceiling attachment springs.

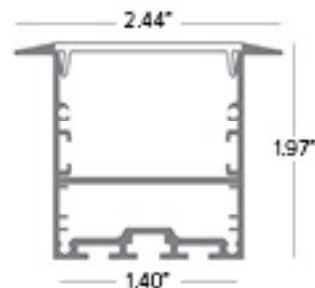


**NOTE:** 118 Inch lengths must be shipped via freight only. For efficient shipping via UPS/Fedex, lengths can be cut to 59 Inch upon request.



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

**P08D-A-EC**  
3+3 pc silver end caps.  
**P08D-A-SP**  
3 pc metal ceiling attachment springs.



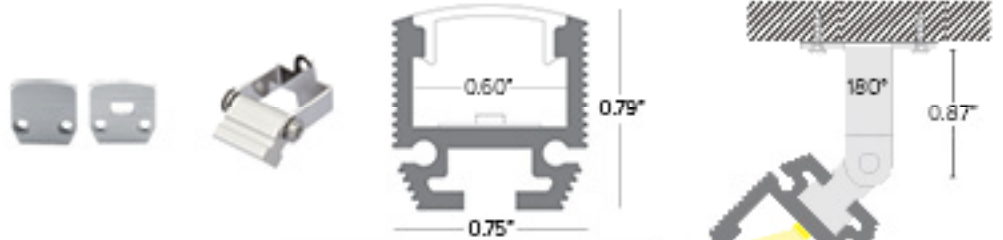
**NOTE:** 118 Inch lengths must be shipped via freight only. For efficient shipping via UPS/Fedex, lengths can be cut to 59 Inch upon request.



### ADJUSTABLE PROFILES



**P02C-S-PF-300**  
180° adjustable aluminum profile with wall washer function for surface with suitable clips. Available in 118in (3M) lengths.

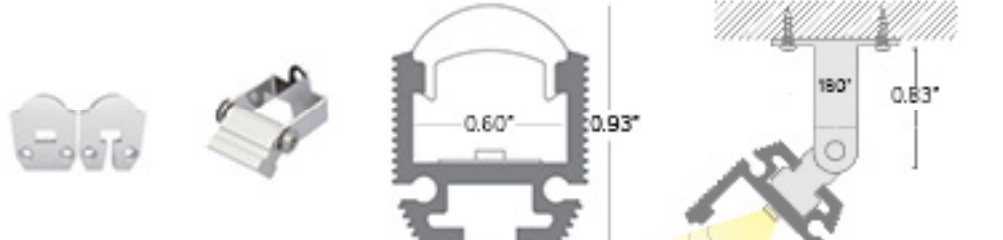


**P02C-A-EC**  
3+3 metal end caps.  
**P02C-A-OB**  
3 Metal adjustable brackets.

**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.



**P03C-S-PF-300**  
180° adjustable aluminum profile with wall washer function for surface with suitable clips. Lens shape creates narrower spread. Available in 118in (3M) lengths.

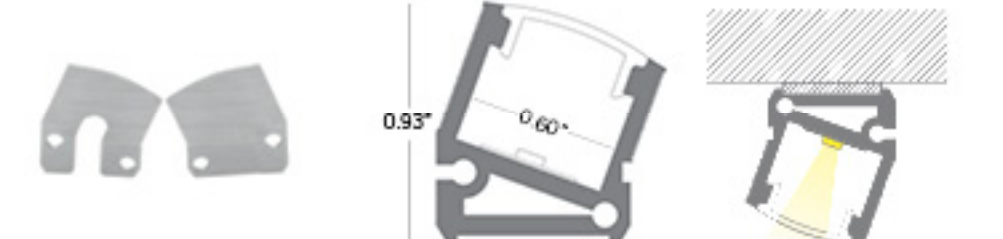


**P03C-A-EC**  
3+3 metal end caps.  
**P03C-A-OB**  
6 Metal adjustable brackets.

**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.



**P04C-S-PF-300**  
Fixed profile at 30° with a wall washer function for surface installation. Available in 118in (3M) lengths.



**P04C-A-EC**  
3+3 metal end caps.

**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.

### SUSPENDED 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 (3) strips per profile.



#### P07A-A-EC

3+3 pc white end caps.

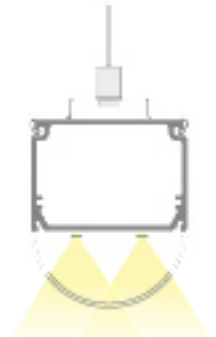
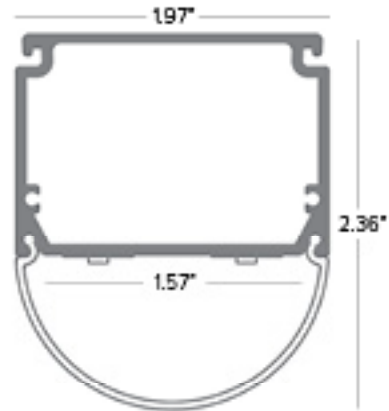
#### P07A-A-MC

6 Metal mounting clips.  
(One set recommended for every 4ft)



#### P07A-A-FS

3 pc metal suspension cables.



#### 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 (3) strips per profile.



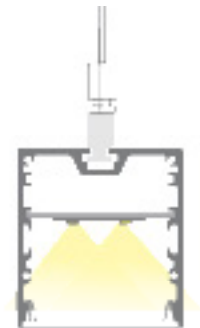
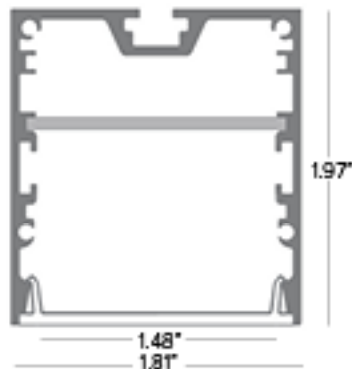
#### P01L-A-EC

3+3 pc silver end caps.



#### P01L-A-FS

3 pc metal suspension cables.



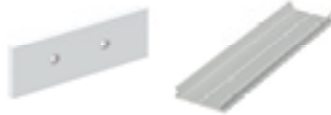
### DECORATIVE PROFILES



#### 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 (2) strips per profile direction.



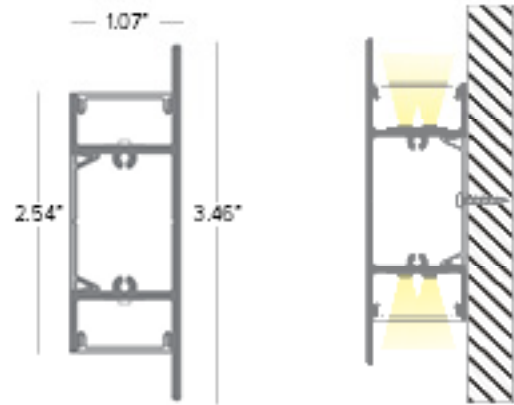
#### P06A-A-EC

3+3 pc silver and 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.



### PLASTER RECESSED PROFILES



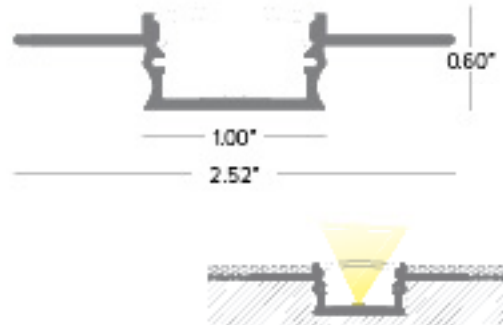
#### PRINCG

Flush Mount aluminum profile for installation in plasterboard. Complete with white lens. Available in 79in (2M) lengths.



#### KTPRINC-G

2+2 PC and caps





a brand of TARGETTI

# DURATAPE™ FULL SPECTRUM IP20 INDOOR

Power Supply (REQUIRED)	Type	Wattage	Input/Output Voltage	Dimmable	IP Rating	Output	Dimensions
<b>DMLE301242UD</b>	EMCOD MLE ELECTRONIC UNIVERSAL DIMMING DRIVER WITH WIRING COMPARTMENT.	30W	120-277V / 24V	MLV / ELV / 0-10V / TRIAC	NEMA3R ENCLOSURE	UL CLASS 2	4.47" X 6.79" X 1.38"
<b>DMLE601242UD</b>	EMCOD MLE ELECTRONIC UNIVERSAL DIMMING DRIVER WITH WIRING COMPARTMENT.	60W	120-277V / 24V	MLV / ELV / 0-10V / TRIAC	NEMA3R ENCLOSURE	UL CLASS 2	4.47" X 6.79" X 1.38"
<b>DMLE961242UD</b>	EMCOD MLE ELECTRONIC UNIVERSAL DIMMING DRIVER WITH WIRING COMPARTMENT.	96W	120-277V / 24V	MLV / ELV / 0-10V / TRIAC	NEMA3R ENCLOSURE	UL CLASS 2	5.16" X 7.73" X 1.54"
<b>DMLE1922242UD</b>	EMCOD MLE ELECTRONIC UNIVERSAL DIMMING DRIVER WITH WIRING COMPARTMENT.	2X96W	120-277V / 24V	MLV / ELV / 0-10V / TRIAC	NEMA3R ENCLOSURE	UL CLASS 2	5.04" X 10.94" X 1.81"
<b>DMLE2882242UD</b>	EMCOD MLE ELECTRONIC UNIVERSAL DIMMING DRIVER WITH WIRING COMPARTMENT.	3X96W	120-277V / 24V	MLV / ELV / 0-10V / TRIAC	NEMA3R ENCLOSURE	UL CLASS 2	5.04" X 10.94" X 1.81"
<b>DEL60PWM</b>	MEANWELL ELECTRONIC STANDALONE PWM DRIVER, <b>UL LISTED ENCLOSURE PROVIDED BY OTHERS.</b>	60W	120-277V / 24V	0-10V <10%	IP67	UR CLASS 2	5.9" X 2.09" X 1.38"
<b>DELI601241CPWM</b>	MEANWELL ELECTRONIC PWM DRIVER.	60W	120-277V / 24V	0-10V <10%	NEMA1 ENCLOSURE	UL CLASS 2	10" x 10" x 4"¹
<b>DEL90PWM</b>	MEANWELL ELECTRONIC STANDALONE PWM DRIVER, <b>UL LISTED ENCLOSURE PROVIDED BY OTHERS.</b>	90W	120-277V / 24V	0-10V <10%	IP67	UR CLASS 2	6.73" X 2.48" X 1.48"
<b>DELI901241CPWM</b>	MEANWELL ELECTRONIC PWM DRIVER.	90W	120-277V / 24V	0-10V <10%	NEMA1 ENCLOSURE	UL CLASS 2	10" x 10" x 4"¹
<b>DELI1802242CPWM</b>	MEANWELL ELECTRONIC PWM DRIVER.	2X90W	120-277V / 24V	0-10V <10%	NEMA1 ENCLOSURE	UL CLASS 2	12" x 12" x 4"¹
<b>DELI2703243CPWM</b>	MEANWELL ELECTRONIC PWM DRIVER.	3X90W	120-277V / 24V	0-10V <10%	NEMA1 ENCLOSURE	UL CLASS 2	12" x 12" x 4"¹
<b>DMLV40124D</b>	MAGNETIC LOW VOLTAGE TRANSFORMER	40W	120V / 24V	MLV DIMMING < 1%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59"¹
<b>DMLV60124D</b>	MAGNETIC LOW VOLTAGE TRANSFORMER	60W	120V / 24V	MLV DIMMING < 1%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59"¹
<b>DMLV96124D</b>	MAGNETIC LOW VOLTAGE TRANSFORMER	96W	120V / 24V	MLV DIMMING < 1%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59"¹
<b>PS060</b>	LUTRON HI-LUME PREMIER 0.1% CONSTANT VOLTAGE DRIVER WITH UL LISTED ENCLOSURE	96W	UNIVERSAL 120-277 VAC	HI-LUME ECOSYSTEM 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).

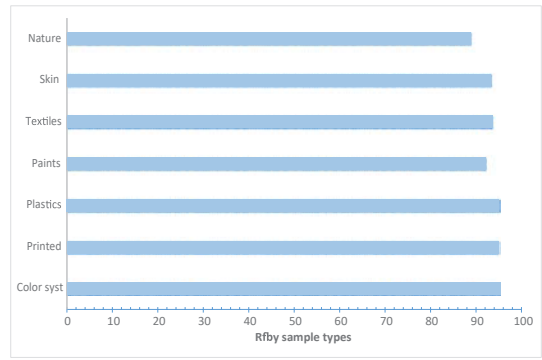
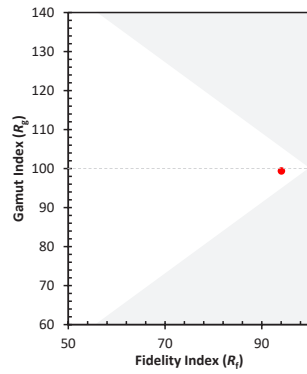
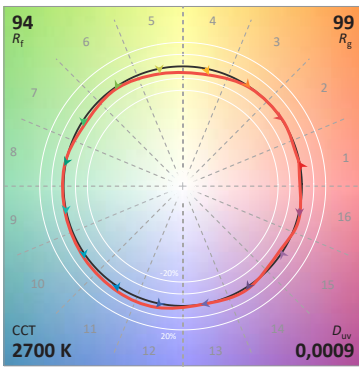
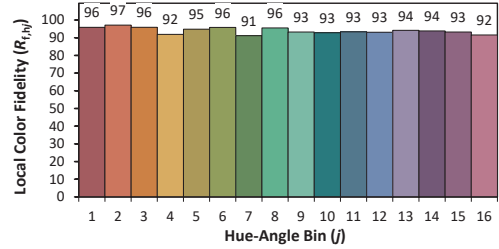
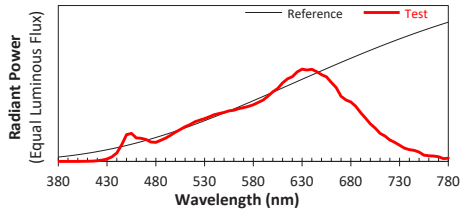
## MAXIMUM INTERCONNECTED TAPE LENGTH PER DRIVER

Fixture Wattage	Driver Wattage								
	40W	60W	96W	90W	2X90W	3X90W	100W	2X100	
4.3W/ft	7FT	11FT	17FT	16FT	(2) 16FT	(3) 16FT	18FT	(2) 18FT	

## TM30 GRAPHS

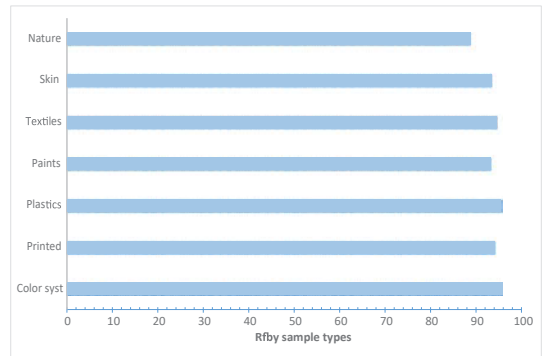
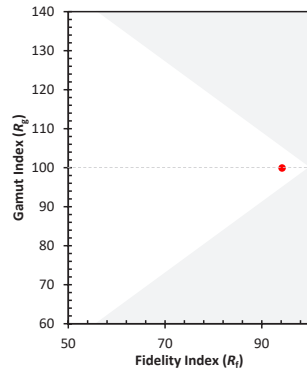
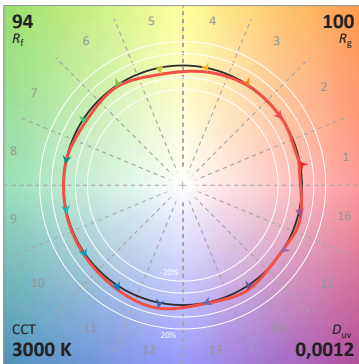
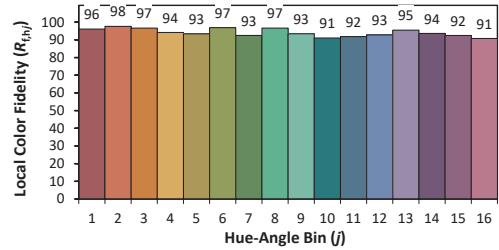
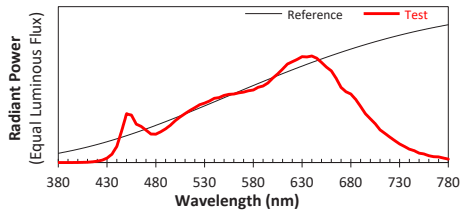
2700K

<b>R<sub>a</sub></b>	98
<b>R<sub>9</sub></b>	97
<b>R<sub>f</sub></b>	93,3
<b>R<sub>g</sub></b>	99,4



3000K

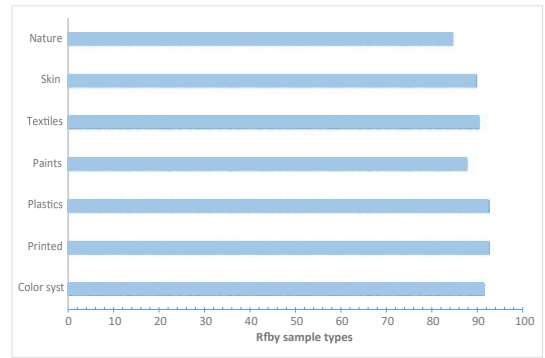
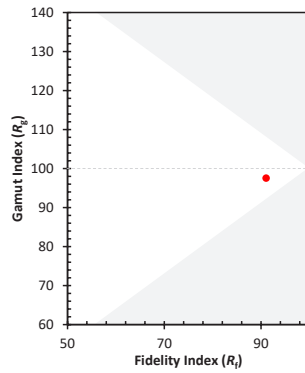
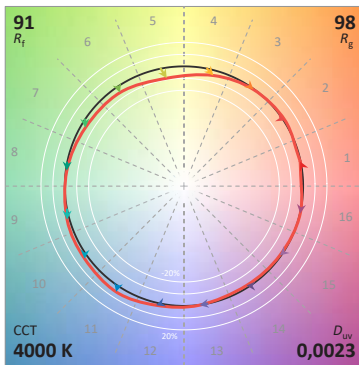
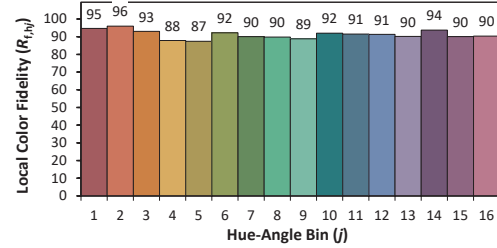
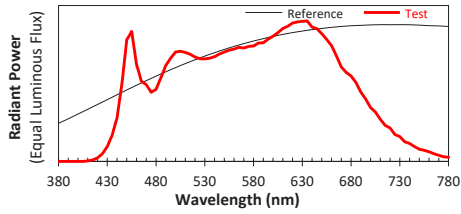
<b>R<sub>a</sub></b>	99
<b>R<sub>9</sub></b>	97
<b>R<sub>f</sub></b>	93,5
<b>R<sub>g</sub></b>	100,0



### TM30 GRAPHS

4000K

<b>Ra</b>	96
<b>R9</b>	98
<b>Rf</b>	89,9
<b>Rg</b>	97,6





a brand of TARGETTI

# DURATAPE™ FULL SPECTRUM

## IP20 INDOOR

### PHOTOMETRY

DURATAPE FULL SPECTRUM			POLAR GRAPH
Fixture Power	4.3W	4.3W	4.3W
Fixture Output	357Lm	377Lm	397Lm
Kelvin Temp	2700°K	3000°K	4000°K
Beam Spread	120°	120°	120°
I <sub>Max</sub>	316cd/klm	316cd/klm	316cd/klm
Efficacy	83 Lm/W	88 Lm/W	92 Lm/W

