DURATAPE™ ULTRA HD RGB
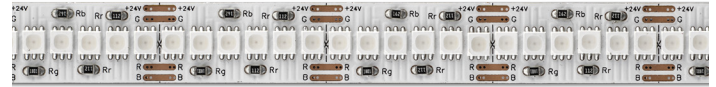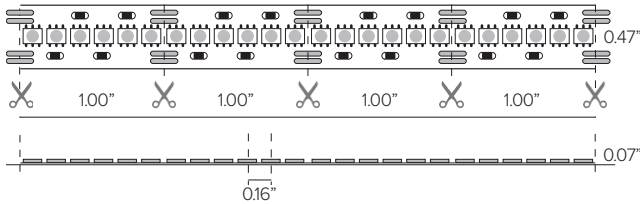## IP20 INDOOR

a brand of TARGETTI

KEY FEATURES

- The most powerful RGB strip in the range! DURATAPE ULTRA HD RGB features tighter spacing LED sources with no pixelization to achieve shadowless light effects in a dynamic RGB source.

- Ideal for applications with reflective surfaces / direct view with use of profile and diffusion lens or OEM pannel illumination.

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

- Features 3-circuit double sided 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 16' per run

- Multiple DMX512 drivers solutions available.

DETAILS

Spacing	0.16" OC LED Spacing
LEDs	73 LEDs per foot
Wattage	4.2W/ft
Color Temp	Tri Chip: Red 620nm / Green 525nm / Blue 470nm
Color Consistency	Bin centered on the Planck curve with a 2 step MacAdam tolerance.
End Preps	Factory preped end preps available (See Page 2)
Mounting	Includes installation-ready 3M tape adhesive for simplified installation directly to mounting channel or application surface
Installation	Optional aluminum channels with base and cover can be used to install decorative, protective covers
Power Supply	Listed Class 2 output, 24V DC power supply required
Listing	cULus Class 2 Listed E471161 Tested in accordance with LM-79-08 Energy efficient for California installations.
Compliance	ROHS compliant
Warranty	5 year warranty

DIMENSIONAL DRAWINGS

0.47"
1.00" 1.00" 1.00" 1.00"
0.07"
0.16"

FIXTURE DATA

Model	Efficacy Lm/Wt	Lm/Ft	Wt/Ft
Red	8.0	33.5	4.2
Green	30.5	128	4.2
Blue	6.5	27.4	4.2
RGB	45.0	189	4.2

* Meets Title 24 High efficacy rating.

LED DATA

Model	Wt/LED	Viewing Angle	Lifespan at 90% drive
RGB	0.58	120°	40,000hrs

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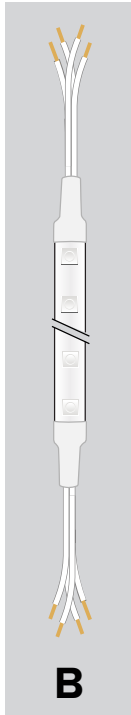
DESIGN INSTALLATION EXAMPLES

Cove

Under Counter Task

Under Counter Directional Task

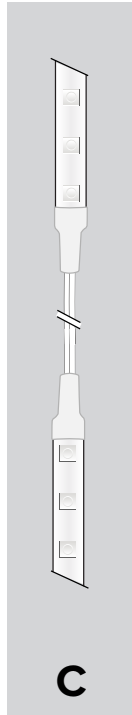| PRODUCT CODE	INTENSITY	WATTAGE	IP RATING	LED COLOR	VOLTAGE	+	END PREP	+	MOUNTING	+	POWER SUPPLY
DL — Duratape™	**HD** — Ultra HD	**42** — 4.2 W/ft	**I** — Indoor IP20	**RGB** — RGB	**24** — 24 VDC						

a brand of TARGETTI
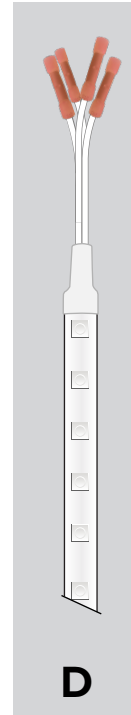
END PREPS AND CONNECTORS (REQUIRED) - Choose 1

A **B** **C**

D

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

A

07UI3CBL1 (3-circuit RGB)
Factory attached single 3 circuit lead wire prep. 24" four conductor Lead wire/dead end allows for connection to power at lead end and field trim of Duratape product at the other end.

07UI3ADDCBL: ADDITIONAL LEAD WIRE
(3-circuit RGB)
Additional lead wire purchased per foot and factory attached to specified run leads. Lead wire can be field cut to desired length.

B

07UI3CBL2 (3-circuit RGB)
Factory attached double ended 3 circuit lead wire prep. 24" four conductor 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.

07UI3ADDCBL: ADDITIONAL LEAD WIRE
(3-circuit RGB)
Factory attached single 3 circuit lead wire prep. 24" four conductor Lead wire/dead end allows for connection to power at lead end and field trim of Duratape product at the other end.

C

07UI3FOLDCBL-XX (3-circuit RGB)
Factory attached 3 circuit wire fold (specified length). Wire folds are factory attached to Duratape to meet your specified installation requirements. Wire fold lengths available are 2", 3", 4", 6", 12". Add length number to end of part number.

OPTIONAL CONNECTORS:

D

07UI3ADDCON (3-circuit RGB)
Additional 3 circuit connectors. Lead wire connectors 3/ea per connection.

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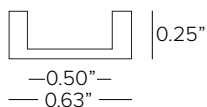
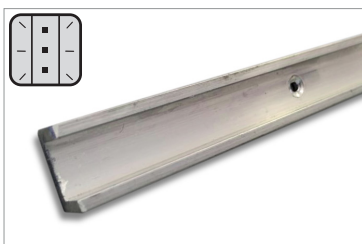## PROFILE OPACITY LEVEL KEY:

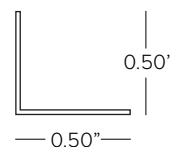**Uniform**
Direct View

Blended
Direct / Indirect View
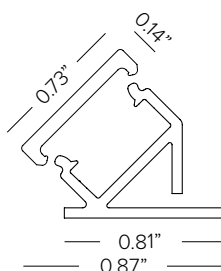
Pixelated
Indirect View

SURFACE PROFILES

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

0.25"
0.50"
0.63"

DL-ALUM-L-8
Aluminum L-Profile 1/2" x 1/2" for linear run lengths. Duratape can be mounted at either 0º or 90º mounting positions. Available in 8ft lengths.

0.50"
0.50"

0.14"
0.73"
0.81"
0.87"

DL-C-45-MCH-4 (Base, REQUIRED)
45° mounting base (white) for 45° mounted linear applications. Available in 4' lengths.

DL-C-45-CVR-4-C (Cover, Clear)
DL-C-45-CVR-4-F10/F30/F60 (Cover, Frosted)
45° mounting base cover. Available in 4' lengths.
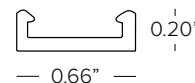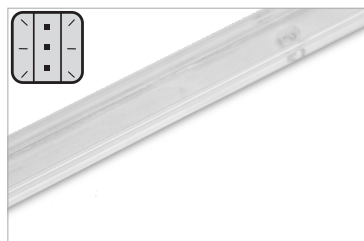
DL-MCHAN-8
Linear Mounting profile. Available in 8' lengths.

0.20"
0.66"

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.
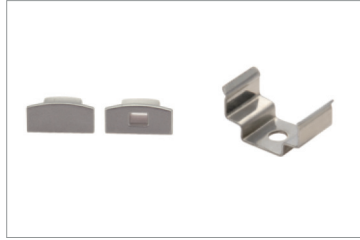
P01B-A-EC
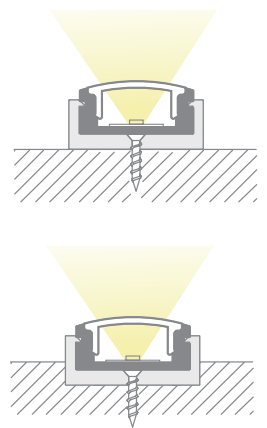3+3 pc silver end caps.

P01B-A-MC
4 Metal mounting clips.
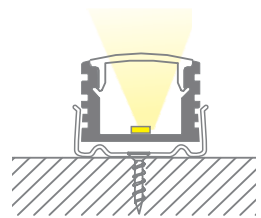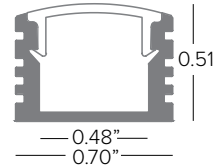
0.32"
0.48"
0.70"
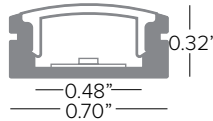
P01B-A-CP
3 pc silver color junction brackets.

P01B-A-CP90
3 pc silver color 90º 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.
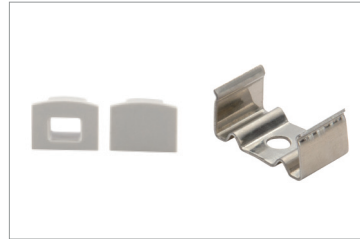
P02B-A-EC
3+3 pc silver end caps.

P02B-A-MC
4 Metal mounting clips.

0.51"
0.48"
0.70"

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.
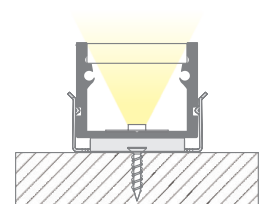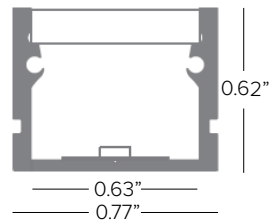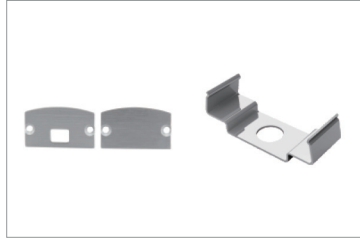

P03B-A-EC
3+3 pc silver end caps.

P03B-A-MC
3 Metal mounting clips.

0.62"
0.63"
0.77"

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.

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SURFACE PROFILES CONT.

P04B-S-PF-300
Aluminum profile with polycarbonate screen for surface or recessed with suitable clips. Available in 118in (3M) lengths.
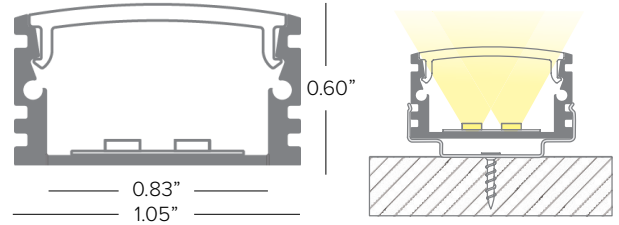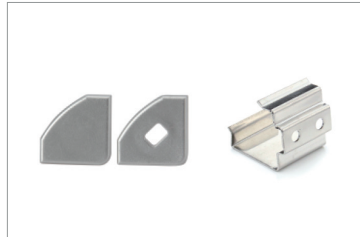
P04B-A-EC
3+3 pc metal end caps.

P04B-A-MC
3 Metal mounting clips.

0.60"
0.83"
1.05"

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

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.
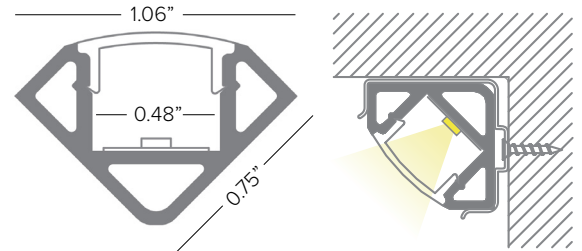
1.06"
0.48"
0.75"

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.
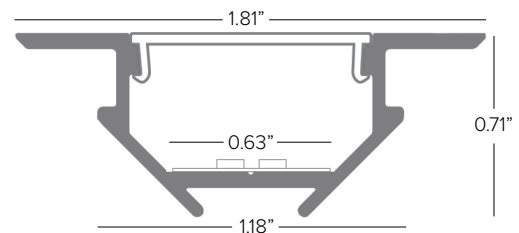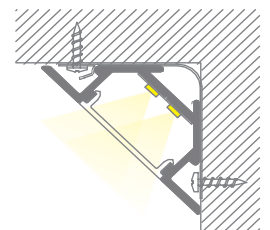
P04F-A-EC
3+3 pc end caps.

P04F-A-MC
3 Metal mounting clips.

1.81"
0.63"
0.71"
1.18"

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.
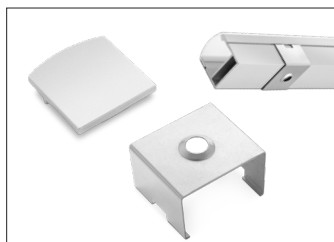
SURFACE PROFILES CONT.

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

KTPRAP-UEC
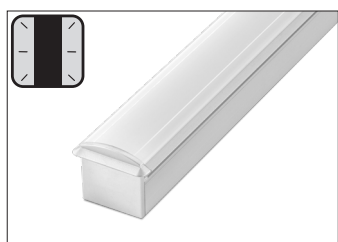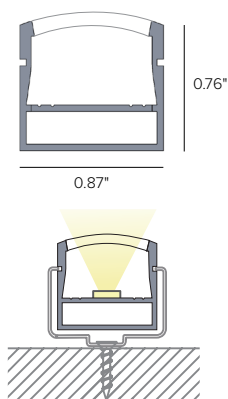5 + 5 silver color end caps

KTPRU-CL
5 sets of clips

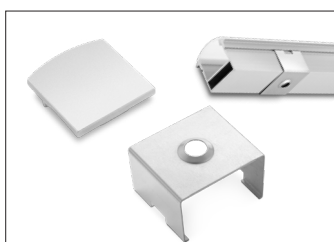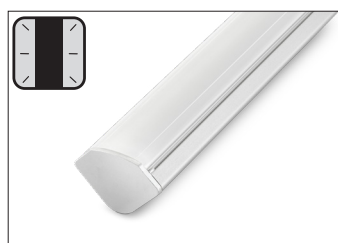### OR-DEV
Set of steel supports required with use of KTORDEV-U.

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

0.76"
0.87"

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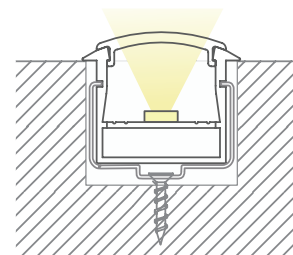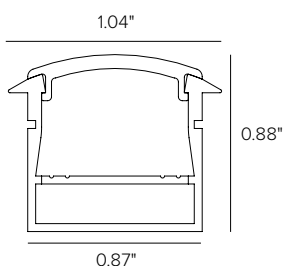

KTPRIN-UEC
5 + 5 silver color end caps

KTPRU-CL
5 sets of clips

1.04"
0.88"
0.87"

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

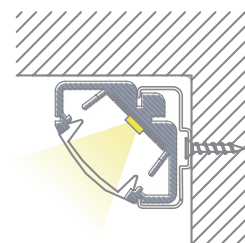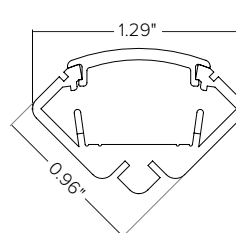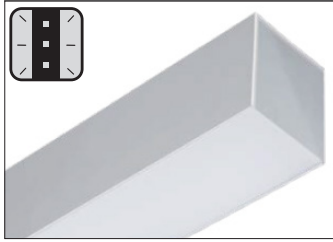
KTPRAN-UEC
5 + 5 silver color end caps

KTPRAN-UCL
5 sets of clips

1.29"
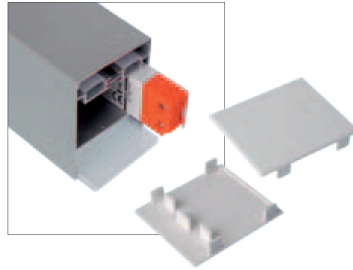0.96"

a brand of **TARGETTI**

SURFACE PROFILES CONT.

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

PRDESO-SL
Rear support for surface mount.
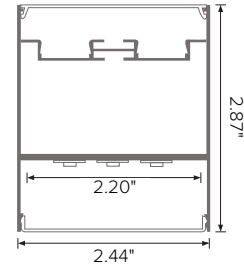
PRDESO-FL
Front screen in flat opal polycarbonate plate.

KTPRDESO-FL
Set of two side end caps flat screen.

2.87"
2.20"
2.44"

ADJUSTABLE PROFILES

P02C-S-PF-300
180° adjustable aluminum profile with wall washer function for surface with suitable clips. Available in 118in (3M) lengths.
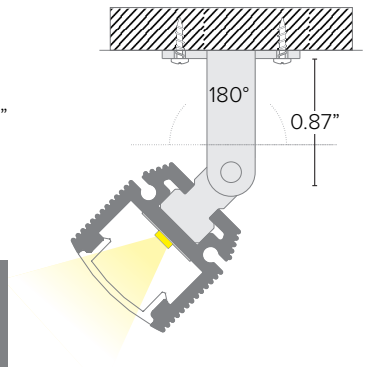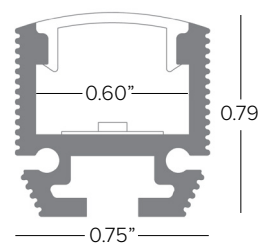
P02C-A-EC
3+3 metal end caps.

P02C-A-OB
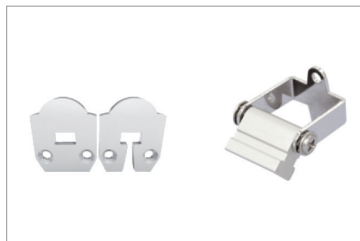3 Metal adjustable brackets.

0.60"
0.79"
0.75"
180°
0.87"

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.
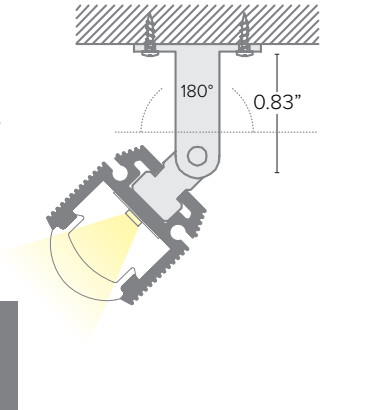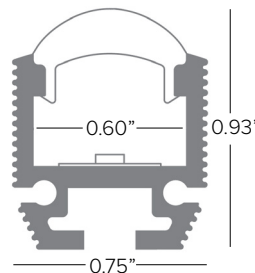
P03C-A-EC
3+3 metal end caps.

P03C-A-OB
6 Metal adjustable brackets.

0.60"
0.93"
0.75"
180°
0.83"

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.
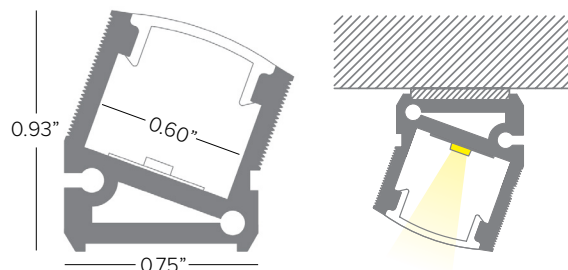
ADJUSTABLE PROFILES CONT.

P04C-S-PF-300
Fixed profile at 30° with a wall washer function for surface installation. Available in 118in (3M) lengths.
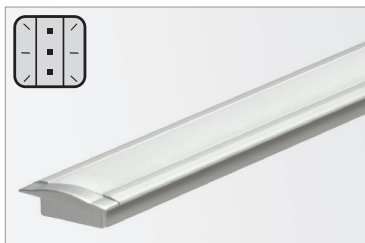
P04C-A-EC
3+3 metal end caps.

0.93" 0.60" 0.75"

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.

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.
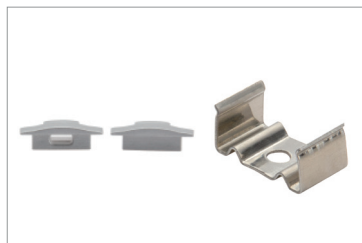
P02H-A-EC
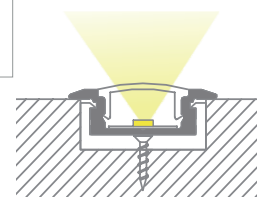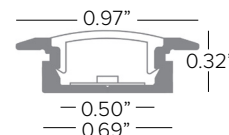3+3 pc silver end caps.

P02H-A-MC
3 Metal mounting clips.

P02H-A-CP
3 pc silver junction brackets.

P02H-A-CP90
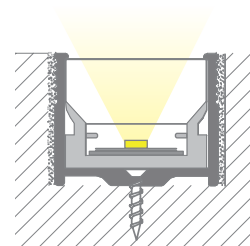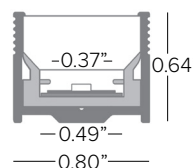3 junction brackets with 90° angle.

0.97" 0.32" 0.50" 0.69"

P03E-S-PF-300
Aluminum high impact walk over rated profile with white PMMA screen for recessed installation. Available in 118in (3M) lengths.
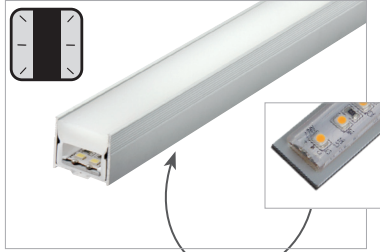
P03E-A-EC
3+3 pc end caps.

0.37" 0.64" 0.49" 0.80"

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.

RECESSED PROFILES CONT.

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

KTPRINTC-G
2+2 PC end caps

1.00"
0.82"
0.55"
0.67"

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.

KTPRINTC-G
2+2 PC end caps

1.00"
0.82"
0.55"
0.67"

P04H-S-PF-300
Aluminum profile with white polycarbonate screen for recessed 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.
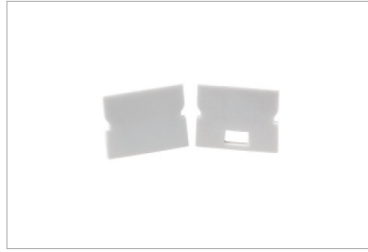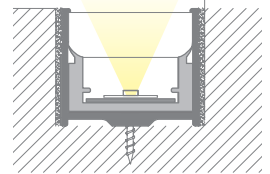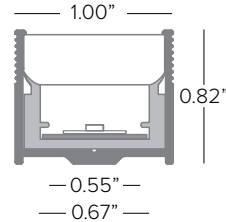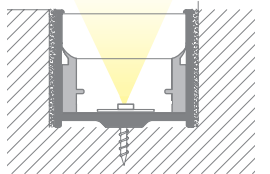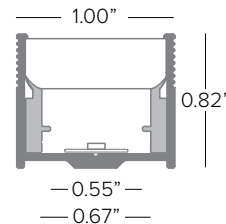

P04H-A-EC
3+3 pc silver end caps.

P04H-A-MC
3 Metal mounting clips.

P04H-A-FS
3 pc metal ceiling attachment springs.
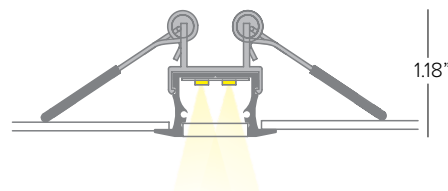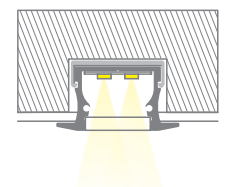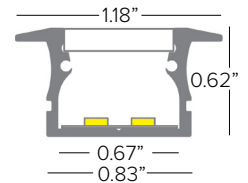
1.18"

1.18"
0.62"
0.67"
0.83"

RECESSED PROFILES CONT.

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

Max of (2) strips per profile.

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

P08D-A-SP
3 pc metal ceiling attachment springs.
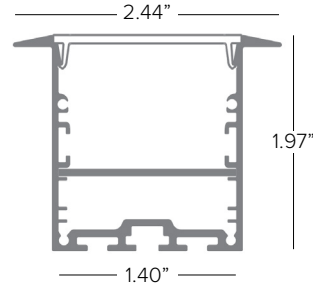
2.44"
1.97"
1.40"
0.43"

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

SUSPENSION PROFILES
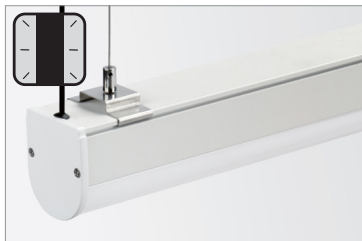
P07A-S-PF-300
Aluminum profile with white polycarbonate screen for surface or suspension installation. Available in 118in (3M) lengths.

NOTE: 118 inch lengths must be shipped via freight only. For efficient shipping via UPS/Fedex, lengths can be cut to 59 inch upon request.
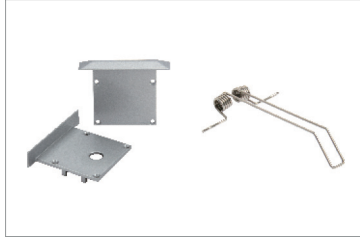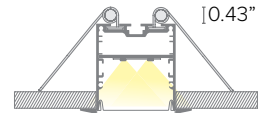
Max of (3) strips per profile.

P07A-A-EC
3+3 pc white end caps.

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

P07A-A-FS
3 pc metal suspension cables.

1.97"
2.36"
1.57"

a brand of TARGETTI

SUSPENSION PROFILES CONT.
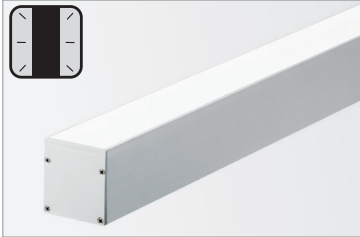
P01L-S-PF-300
Aluminum profile with white polycarbonate screen for suspension installation. Available in 118in (3M) lengths.

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

Max of (3) strips per profile.

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

P01L-A-FS
3 pc metal suspension cables.

1.97"
1.48"
1.81"
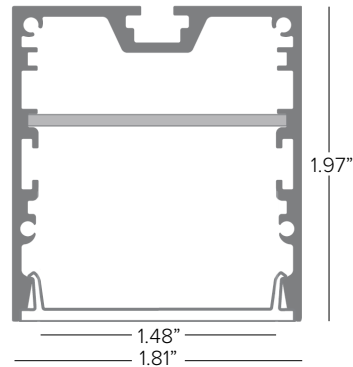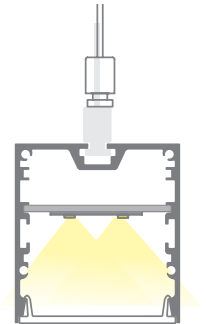
DECORATIVE PROFILES

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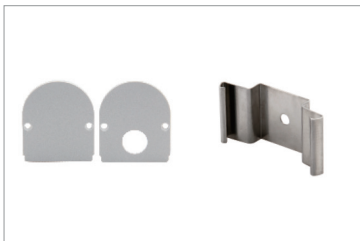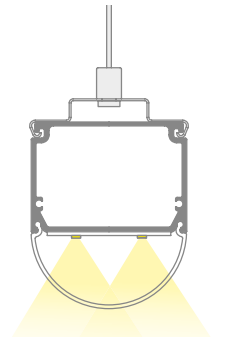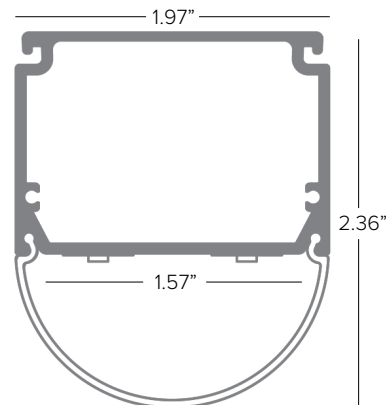
Max of (1) strip per profile direction.
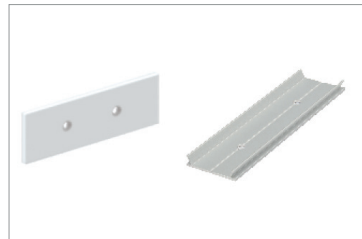
P06A-A-EC
3+3 pc silver end caps.

P06A-A-MC
1 set of metal brackets.

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

1.07"
2.54"
3.46"
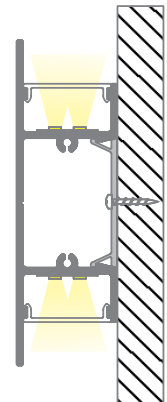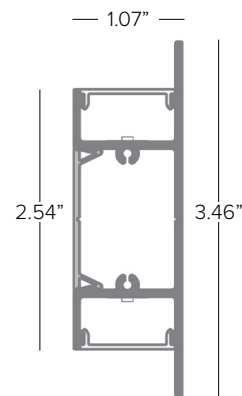
PLASTER RECESSED PROFILES

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

KTPRINC-G
2+2 PC end caps

0.60"

1.00"

2.52"

DURA LAMP
a brand of **Targetti**

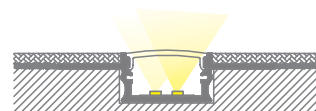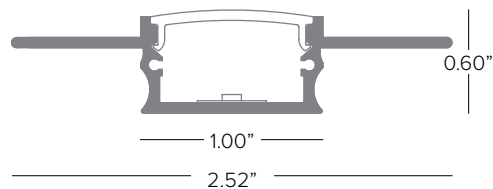| Power Supply (REQUIRED)	Type	Wattage	Input/Output Voltage	Dimmable	IP Rating	Output	Dimensions
DEDDI1001243CDMX	ELECTRONIC ADDRESSABLE DMX DRIVER	100W	120-277V / 24V	DMX CONTROL 3 CHANNEL	NEMA1 ENCLOSURE	UL CLASS 2	12" x 12" x 4"[1]
DEDDI2002243CDMX	ELECTRONIC ADDRESSABLE DMX DRIVER	2X100W	120-277V / 24V	DMX CONTROL 3 CHANNEL	NEMA1 ENCLOSURE	UL CLASS 2	12" x 12" x 4"[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.

MAXIMUM INTERCONNECTED TAPE LENGTH PER DRIVER

Fixture Wattage	Driver Wattage	
	100W	2X100
4.2W/ft	19FT	(2) 19FT

Controllers:

Part No.	Type	Application	Voltage	Listing	Dimensions	Channels	Zones	Scenes
SWITCH20	RGBW touch DMX512 wall control keypad with sensitive glass touch panel, white finish.	Indoor	12-24V DC	UL	4.7" x 3.0" x 1.2"	12	3	1
TGDMXSLESAU9	Stand-alone DMX 1/2 Universe Programmable Controller with Easy to Use Software Interface	Indoor Only	5.5V DC	ETL, UL	5.3"W x 5.5"H x 1.9D	256	1	20
TGDMXSLESAU11	Nicolaudie Slesa smart DMX interface, 2 DMX 512 universes, intuitive backlit keyboard programmable controller with easy to use software interface.	Indoor	5VDC 120V AC (Plug in power supply included)	ETL	6.3" x 3.6" x 1.8"	1024	5	99
TGDMXSTICKDE3B	Nicolaudie intelligent wall control keypad wtih glass touch sensitive graphic display, stand-alone DMX 512, 2 universe programmable controller with easy to use software interface. Black finish.	Indoor	6-7V DC 120V AC (Plug in power supply included)	ETL	5.8" x 4.2" x 0.5"	1024	10	500
TGDMXSTICKDE3W	Nicolaudie intelligent control keypad wtih glass touch sensitive graphic display, stand-alone DMX 512, 2 universe programmable controller with easy to use software interface. White finish.	Indoor	6-7V DC 120V AC (Plug in power supply included)	ETL	5.8" x 4.2" x 0.5"	1024	10	500

SWITCH20

TGDMXSLESAU9

TGDMXSLESAU11

TGDMXSTICKDE3

PHOTOMETRY

DURATAPE ULTRA HD RGB					Polar Graph
Fixture Power	4.2W	4.2W	4.2W	4.2W	
Fixture Output	33.5Lm	128Lm	27.4Lm	189Lm	
Kelvin Temp	Red	Green	Blue	RGB	
Beam Spread	120°	120°	120°	120°	
IMax	316cd/klm	316cd/klm	316cd/klm	316cd/klm	
Efficacy	8.0 Lm/W	30.5 Lm/W	6.5 Lm/W	45.0 Lm/W	