

Searching for the best light.

Seven different TONES of light created to express various spectrums that have been specifically combined and shaped to enhance different combinations of materials and colors. A completely new, highly specialized light that has never been seen before. The TONES range is ideal for domestic, retail, hotel and entertainment lighting, spaces where there is an interior design project that takes into account colors and materials aimed at creating a style and an atmosphere and to elicit particular emotions.

Every light spectrum is the result of a joint study between Targetti technical staff and a team from Gensler. Together we analyzed different combinations of materials and colors that are used in modern architecture and created the most suitable spectrum of light for each of them to enhance each composition, both as a whole as well as every single component. The team of architects evaluated the color rendering of individual materials, the harmony and synchronicity between the various colors, the perception of different textures and contrast enhancement, in order to strengthen the expressive message as a whole. This was possible combining a series of LED that, as a whole, produce different tones of light, all with extremely rich emission spectrums to emphasize the different colors.



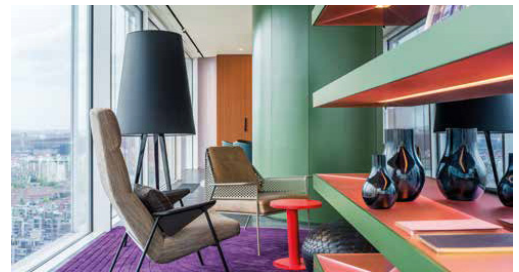
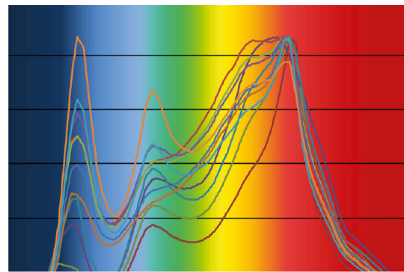
TONES



3000°K



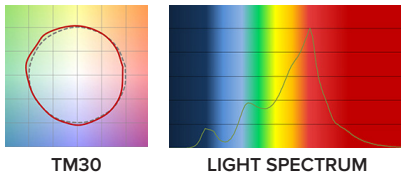
4000°K



CALM

Ideal Materials: bricks, leather, carpet, velvet
Ideal Colors: orange, brown, red, violet
Color Temperature: 2370K
CRI: Ra94

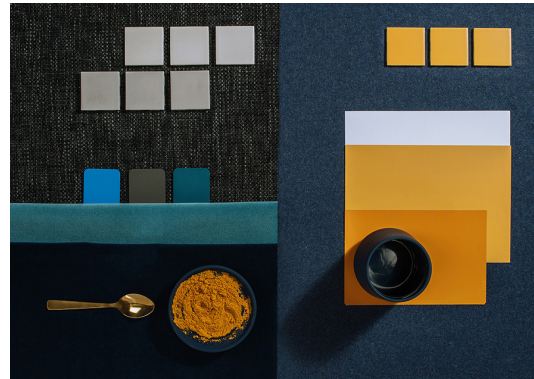
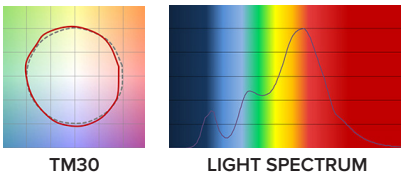
Inspired by warm colours of the sunset TONES CALM is ideal to light materials that transmit warmth with a definite texture. Ideal for spaces where you want to convey calmness, warmth and relaxation. It is certainly the tone that is closest to that of an incandescent lamp, but unlike the latter it can respect the veracity of white and colder colours.



SENTIMENTAL

Ideal Materials: gold-plated metals, wood, velvet, flesh tones
Ideal Colors: azure, white, grey, brown, gold, mustard
Color Temperature: 2570K
CRI: Ra91

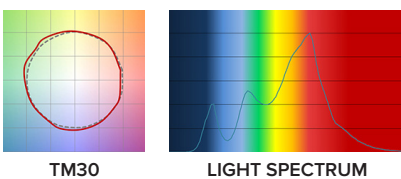
A well calibrated spectrum particularly focused on warm yellow tones but with peaks of blue and green to ensure perfect perception of white and grey, as well as perfect rendering of warm tones. It is ideal for lighting a palette of colours and materials with darker tones to create a sophisticated look. The mix of dark greys, blacks and mustard brings to mind a more masculine, "classic" style space.



RECHARGE

Ideal Materials: leather, wood, plastic, woven fabric
Ideal Colors: azure, beige, neutral tones, green, violet
Color Temperature: 2700K
CRI: Ra93

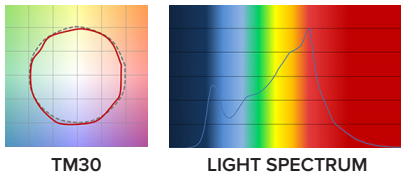
It has a well-balanced spectrum that can enhance warm neutral tones as well as colder colours like azure and blue and brighter and brilliant shades. A light tone that can reinforce the message of relaxation and naturalness. Colour combinations used where the intention is to elicit emotions with earth colours and jewel tones.



COLLABORATIVE

Ideal Materials: wood, prints, stone materials, plasterwork
 Ideal Colors: white, grey, brown, mustard
 Color Temperature: 3050K
 CRI: Ra90

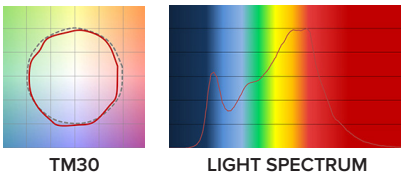
A neutral tone light that works very well with whites and greys as well as warm bright shades such as mustard and burgundy. The combination between the finishes and “collaborative” lights dedicated to them reinforce the message of an elegant, warm and refined style.



EDGY

Ideal Materials: wood, marble, metal, stone
 Ideal Colors: orange, white, yellow, brown, black, red
 Color Temperature: 3220K
 CRI: Ra88

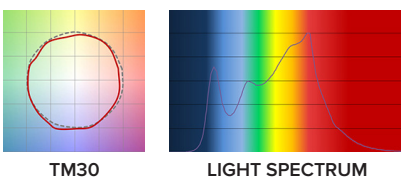
A soft, neutral light that works well with natural materials like stone, wood and metals, yet at the same time capable of reproducing black and white faithfully. A light that can combine materials and warm and cold shades for a more modern, urban appearance.



ENERGETIC

Ideal Materials: leather, plastic, prints
 Ideal Colors: white, saturated colours, black
 Color Temperature: 3400K
 CRI: Ra91

The ideal light for enhancing “non” colours like deep black and pure white, that can also respect saturated colours such as bright red. This “energetic” light enhances this timeless style in a combination of important, refined, geometric and rigorous contrasts that can relax users and transmit energy to them at the same time.



LIVELY

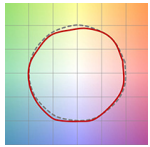
Ideal Materials: bricks, leather, carpet, gold-plated metals, wood, velvet, flesh tones, plastic, woven fabrics, prints, stone materials, plasterwork, marble, metal, stone

Ideal Colors: orange, azure, beige, white, saturated colours, yellow, grey, brown, black, gold, red, mustard, neutral tones, green, violet, violet

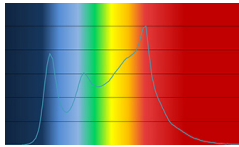
Color Temperature: 3600K

CR: Ra93

Certainly, this is the best light for spaces with a wide range of materials and colours. This is a neutral light, the coldest in the TONES range that is also capable of reproducing warm tones faithfully. From tests carried out it is certainly the light with the best colour rendering on a large number of samples which makes it an excellent compromise where there are no obviously dominant colours. A bright light that reproduces neutral tones light grey and bright green very well which makes it suitable to bring a dash of nature inside closed spaces and enhance them. Gives a sense of freedom and vitality.



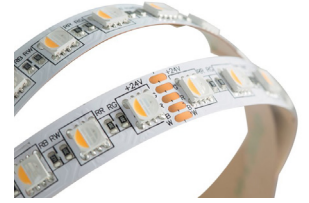
TM30



LIGHT SPECTRUM

KEY FEATURES

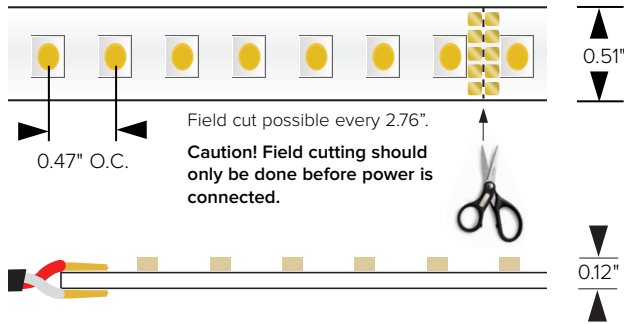
- No longer standard color temperatures of light- warm, natural or cold light. With TONES, the spectrums have been designed to enhance atmospheres and create environments like never before.
- Searching for the best light, the TONES range is ideal for retail, hotel and entertainment lighting, spaces where there is an interior design project that takes into account colors and materials aimed at creating a style and an atmosphere and to elicit particular emotions.
- Sold per foot and manufactured to specified lengths with factory attached end preps.
- Features 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.
- 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 21' per run
- Multiple dimming options available.
0-10V dimming with Flicker Free variable frequency control



DETAILS

Spacing	0.47" OC LED Spacing
LEDs	25 LEDs per foot
Wattage	3.5W/ft
Design Color	Calm, Sentimental, Recharge, Collaborative, Edgy, Energetic, Lively
Color Consistency	Bin centred on the Planck curve with a +/- 2 step MacAdam tolerance.
End Preps	Factory 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
Certification	Energy efficient for California installations.
Compliance	ROHS compliant
Warranty	5 year warranty

DIMENSIONAL DRAWINGS



FIXTURE DATA

Model	Efficacy Lm/Wt	Lm/Ft	Wt/Ft Max
CALM	48	167	3.5
SENTIMENTAL	41	146	3.5
RECHARGE	39	136	3.5
EDGY	37	129	3.5
ENERGETIC	38	134	3.5
COLLABORATIVE	37	128	3.5
LIVELY	42	146	3.5

LED DATA

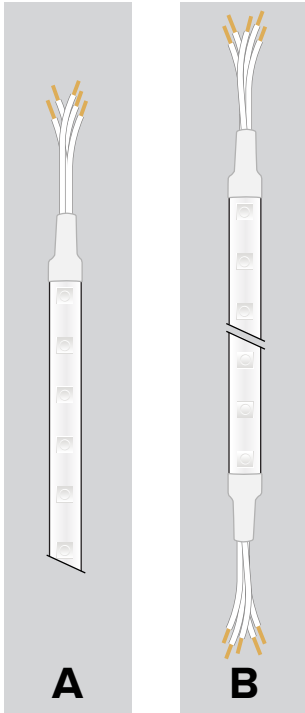
Model	Wt/LED	Viewing Angle	L70 at 90% drive
TONES	0.20	120°	40,000hrs

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

PRODUCT CODE	WATTAGE	IP RATING	TAPE SERIES	DESIGN COLOR	VOLTAGE	+	END PREP	+	MOUNTING	+	POWER SUPPLY
TOS — TONES STRIP	35 — 3.5 W/ft	I — Indoor IP20	T1 — Tape 1	CA — Calm SE — Sentimental RC — Recharge	24 — 24 VDC						
			T2 — Tape 2	CO — Collaborative ED — Edgy EN — Energetic LI — Lively							

Designed in collaboration with Gensler as Product Design Consultant

END PREPS AND CONNECTORS (REQUIRED) - Choose 1



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

A

07UI4CBL1

Single 4 circuit lead wire prep. 24” five conductor Lead wire/dead end allows for connection to power at lead end and field trim of Duratape product at the other end.

07UI4ADDCBL: 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

07UI4CBL2

Double ended 4 circuit lead wire prep. 24” five 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.

07UI4ADDCBL: ADDITIONAL LEAD WIRE

Single 4 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.

PROFILE OPACITY LEVEL KEY:



Uniform
Direct View

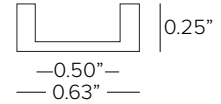
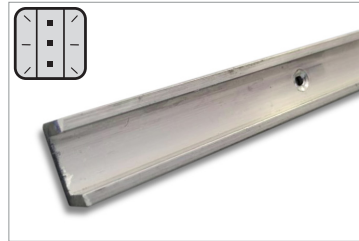


Blended
Direct / Indirect View



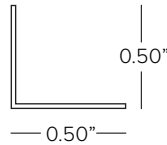
Pixelated
Indirect View

SURFACE PROFILES



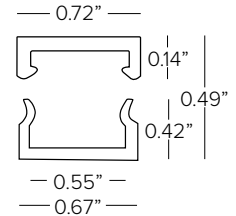
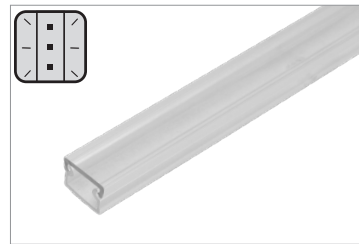
DL-ALUM-U-8

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



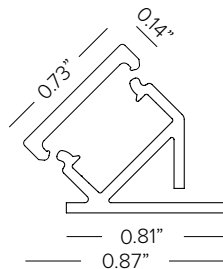
DL-ALUM-L-8

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-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.



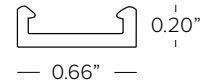
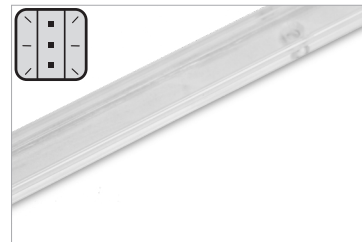
DL-C-45-MCH-4 (Base, REQUIRED)

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.

SURFACE PROFILES

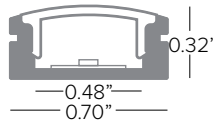


P01B-S-PF-300
Aluminum profile with white PMMA screen for surface or recessed installation with limited width. Equipped with angle-joint accessory. Available in 118in (3M) lengths.

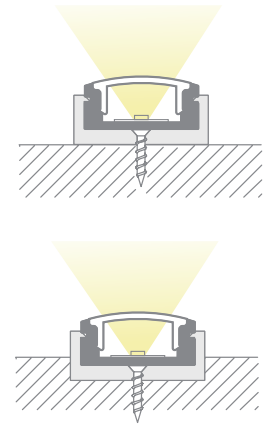
NOTE: 118 inch lengths must be shipped via freight only. For efficient shipping via UPS/Fedex, lengths can be cut to 59 inch upon request.



P01B-A-EC
3+3 pc silver end caps.
P01B-A-MC
4 Metal mounting clips.



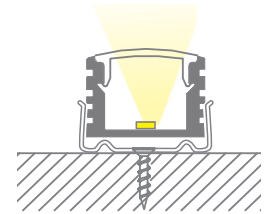
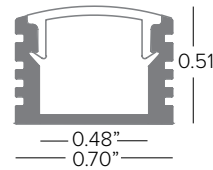
P01B-A-CP
3 pc silver color junction brackets.
P01B-A-CP90
3 pc silver color 90° junction brackets.



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.



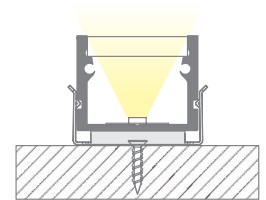
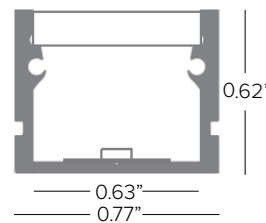
NOTE: 118 inch lengths must be shipped via freight only. For efficient shipping via UPS/Fedex, lengths can be cut to 59 inch upon request.



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.

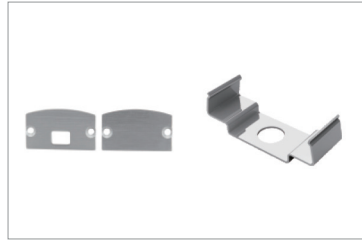


NOTE: 118 inch lengths must be shipped via freight only. For efficient shipping via UPS/Fedex, lengths can be cut to 59 inch upon request.

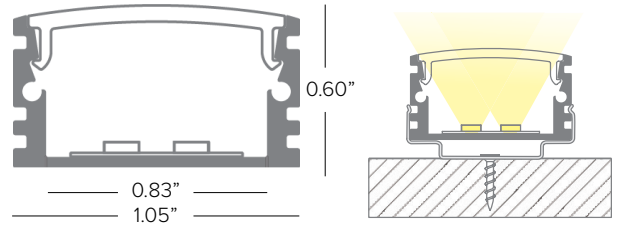
SURFACE PROFILES CONT.



P04B-S-PF-300
Aluminum profile with polycarbonate screen for surface or recessed with suitable clips. Available in 118in (3M) lengths.



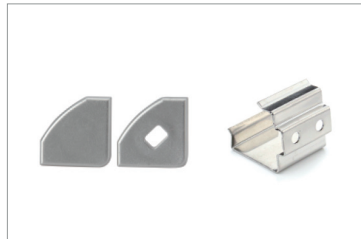
P04B-A-EC
3+3 pc metal end caps.
P04B-A-MC
3 Metal mounting clips.



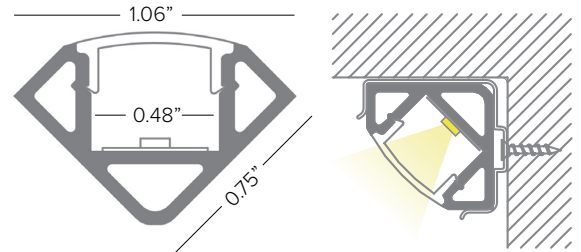
NOTE: 118 inch lengths must be shipped via freight only. For efficient shipping via UPS/Fedex, lengths can be cut to 59 inch upon request.



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.



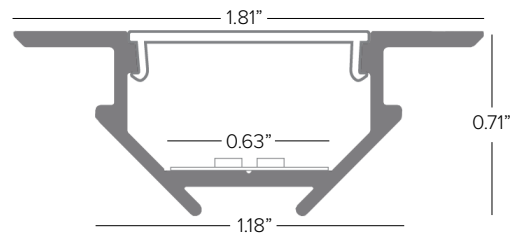
NOTE: 118 inch lengths must be shipped via freight only. For efficient shipping via UPS/Fedex, lengths can be cut to 59 inch upon request.



P04F-S-PF-300
Aluminum profile for surface in 90° angles with suitable clips. Available in 118in (3M) lengths.

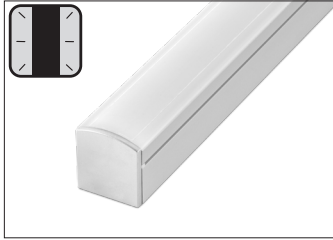


P04F-A-EC
3+3 pc end caps.
P04F-A-MC
3 Metal mounting clips.



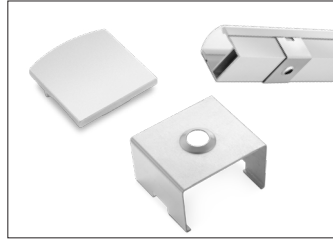
NOTE: 118 inch lengths must be shipped via freight only. For efficient shipping via UPS/Fedex, lengths can be cut to 59 inch upon request.

SURFACE PROFILES CONT.



PRAP-U

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



KTRAP-U-EC

5 + 5 silver color end caps

KTRU-CL

5 sets of clips

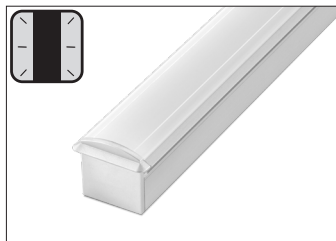
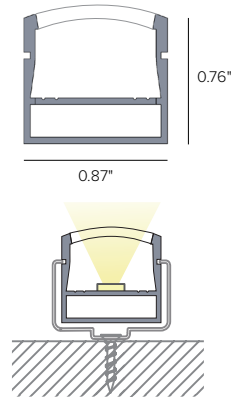


OR-DEV

Set of steel supports required with use of KTORDEV-U.

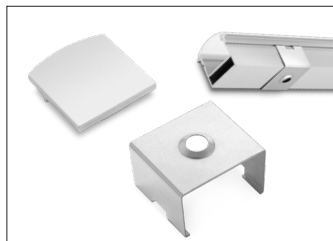
KTORDEV-U

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.

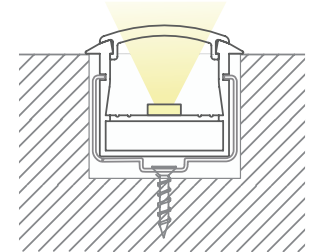
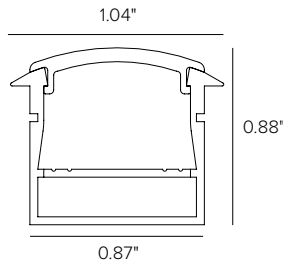


KTRIN-U-EC

5 + 5 silver color end caps

KTRU-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.

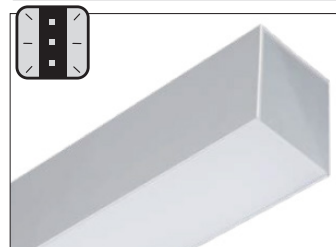
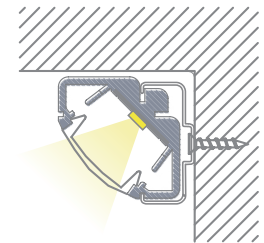
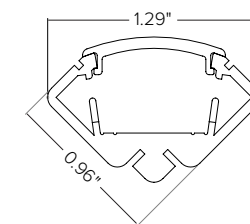


KTRAN-U-EC

5 + 5 silver color end caps

KTRAN-U-CL

5 sets of clips

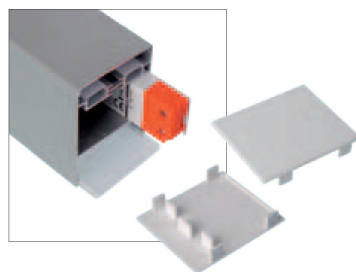


PRDESO

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

PRDESO-SL

Rear support for surface mount.

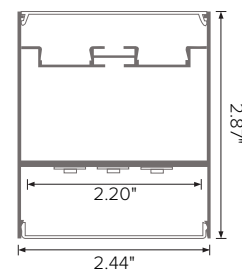


PRDESO-FL

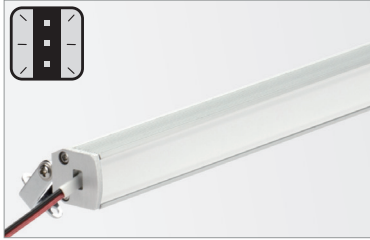
Front screen in flat opal polycarbonate plate.

KTRDESO-FL

Set of two side end caps flat screen.



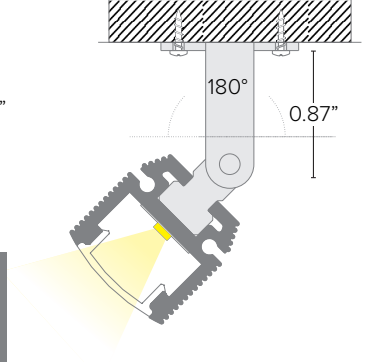
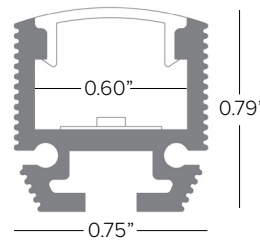
ADJUSTABLE PROFILES



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



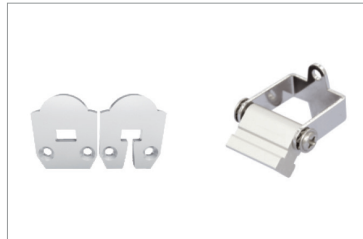
P02C-A-EC
3+3 metal end caps.
P02C-A-OB
3 Metal adjustable brackets.



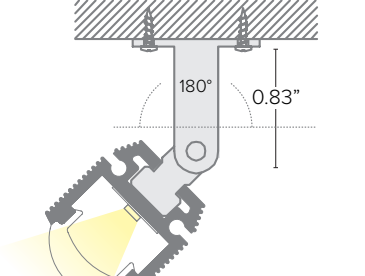
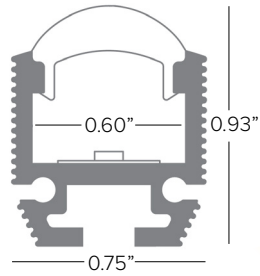
NOTE: 118 inch lengths must be shipped via freight only. For efficient shipping via UPS/Fedex, lengths can be cut to 59 inch upon request.



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.



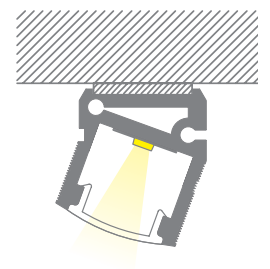
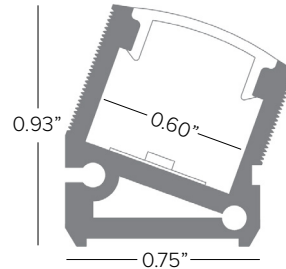
NOTE: 118 inch lengths must be shipped via freight only. For efficient shipping via UPS/Fedex, lengths can be cut to 59 inch upon request.



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.



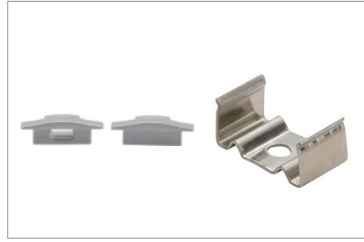
NOTE: 118 inch lengths must be shipped via freight only. For efficient shipping via UPS/Fedex, lengths can be cut to 59 inch upon request.

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.



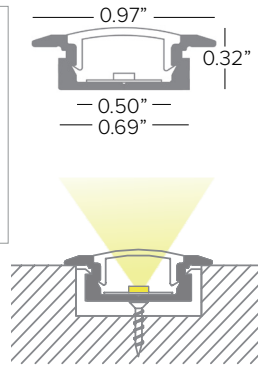
P02H-A-EC
3+3 pc silver end caps.

P02H-A-MC
3 Metal mounting clips.



P02H-A-CP
3 pc silver junction brackets.

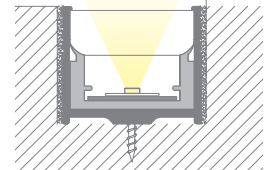
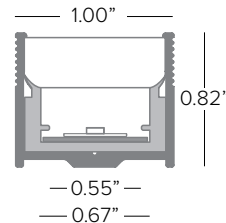
P02H-A-CP90
3 junction brackets with 90° angle.



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.



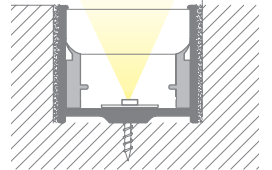
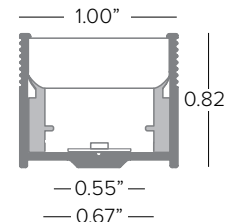
KTRPRINTC-G
2+2 PC end caps



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



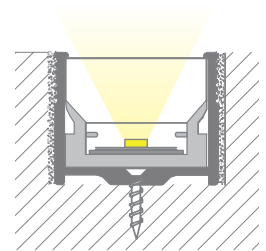
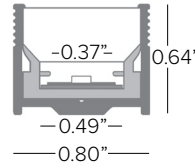
RECESSED PROFILES CONT.



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.



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.



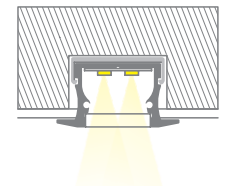
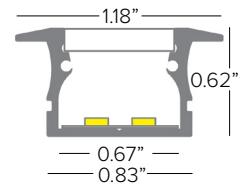
P04H-S-PF-300
Aluminum profile with white polycarbonate screen for recessed installation. Available in 118in (3M) lengths.



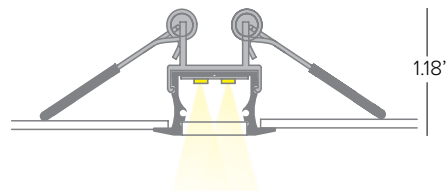
P04H-A-EC
3+3 pc silver end caps.



P04H-A-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.



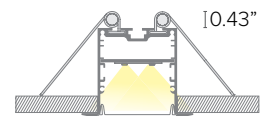
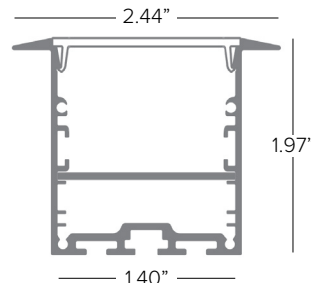
P08D-S-PF-300
Aluminum profile with white PMMA screen for recessed installation. Available in 118in (3M) lengths.

Max of (2) 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.

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.

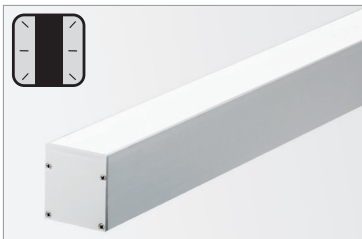
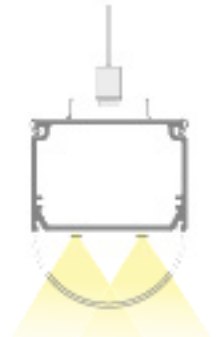
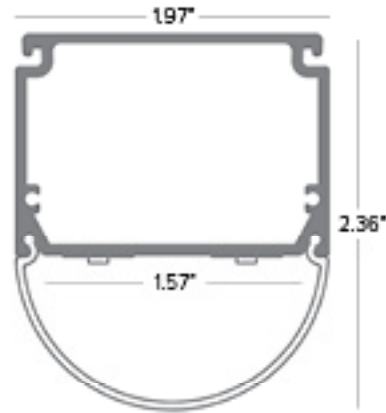
Max of (3) strips per profile.



P07A-A-EC
 3+3 pc white end caps.
P07A-A-MC
 6 Metal mounting clips.
 (One set 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.

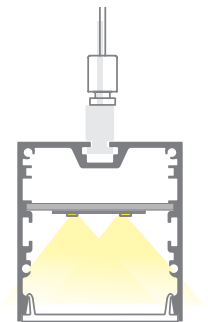
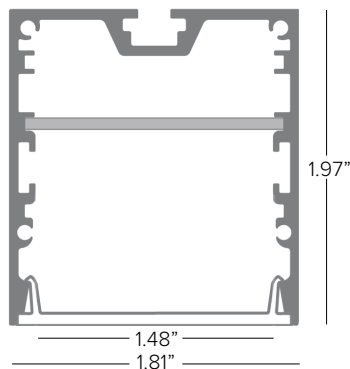
Max of (3) strips per profile.



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



P01L-A-FS
 3 pc metal suspension cables.

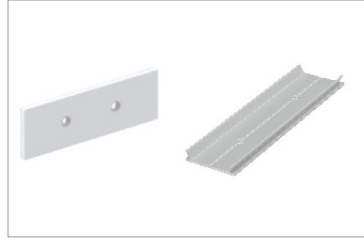


DECORATIVE PROFILES



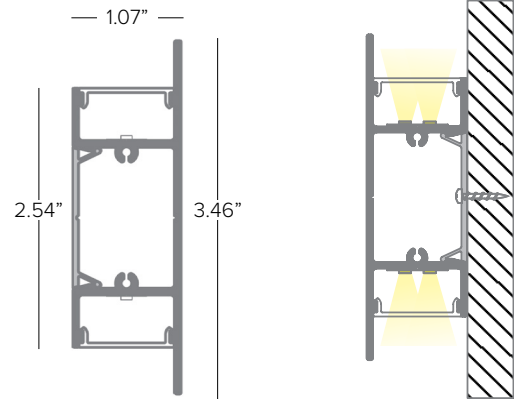
P06A-S-PF-300
 Aluminum profile with white PMMA screens for wall installation with wall washer effect upwards and downwards. Available in 118in (3M) lengths.

Max of (1) strips per profile.



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.



Power Supply (REQUIRED)	Type	Wattage	Input/Output Voltage	Dimmable	IP Rating	Output	Dimensions
DMLE301242UD	EMCOD MLE-UD ELECTRONIC DRIVER WITH WIRING COMPARTMENT.	30W	120-277V / 24V	FWD / REV PHASE / TRIAC / 0-10V / PWM	NEMA3R ENCLOSURE	UL CLASS 2	4.47" X 6.79" X 1.38"
DMLE601242UD	EMCOD MLE-UD ELECTRONIC DRIVER WITH WIRING COMPARTMENT.	60W	120-277V / 24V	FWD / REV PHASE / TRIAC / 0-10V / PWM	NEMA3R ENCLOSURE	UL CLASS 2	4.47" X 6.79" X 1.38"
DMLE961242UD	EMCOD MLE-UD ELECTRONIC DRIVER WITH WIRING COMPARTMENT.	96W	120-277V / 24V	FWD / REV PHASE / TRIAC / 0-10V / PWM	NEMA3R ENCLOSURE	UL CLASS 2	5.16" X 7.73" X 1.54"
DMLE1922242UD	EMCOD MLE-UD ELECTRONIC DRIVER WITH WIRING COMPARTMENT.	2X96W	120-277V / 24V	FWD / REV PHASE / TRIAC / 0-10V / PWM	NEMA3R ENCLOSURE	UL CLASS 2	5.04" X 10.94" X 1.81"
DMLE2882242UD	EMCOD MLE-UD ELECTRONIC DRIVER WITH WIRING COMPARTMENT.	3X96W	120-277V / 24V	FWD / REV PHASE / TRIAC / 0-10V / PWM	NEMA3R ENCLOSURE	UL CLASS 2	5.04" X 10.94" X 1.81"
DMLV40124D	MAGNETIC LOW VOLTAGE TRANSFORMER	40W	120V / 24V	MLV DIMMING < 1%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59" ¹
DMLV60124D	MAGNETIC LOW VOLTAGE TRANSFORMER	60W	120V / 24V	MLV DIMMING < 1%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59" ¹
DMLV96124D	MAGNETIC LOW VOLTAGE TRANSFORMER	96W	120V / 24V	MLV DIMMING < 1%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59" 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

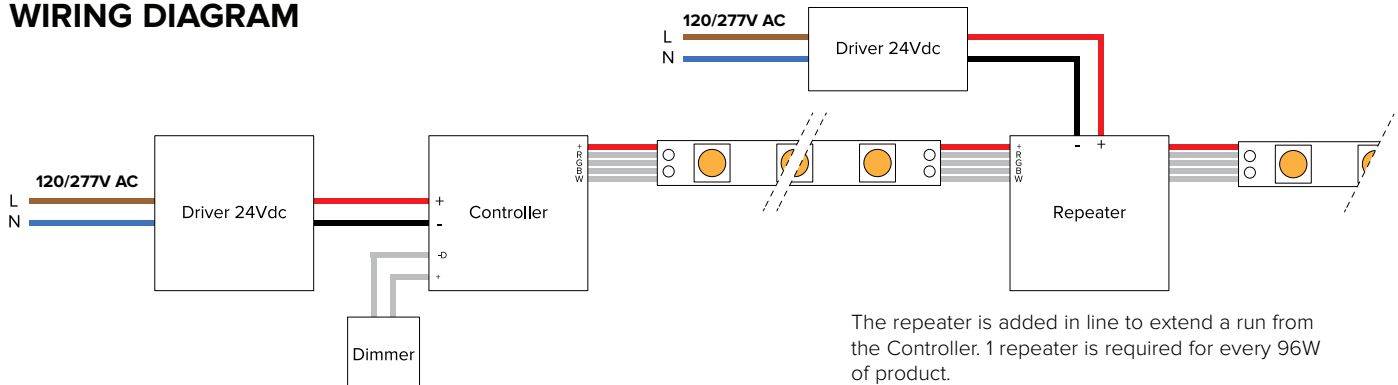
Fixture Wattage	Driver Wattage		
	40W	60W	96W
3.5W/ft	9FT	13FT	21FT

CONTROLLER (REQUIRED) - Choose 1

COLOR CONTROL OF T1 LED TAPES							
Controller (REQUIRED)	Type	Wattage	Voltage Input/Output	Dimmable	IP Rating	Listing	Dimensions
TCC001-T1	Tones System 96 watt Controller Bluetooth selection of T1 colors	1 x 96W	24V DC	0-10V/PWM 1%	IP20	UL Class 2	2.36" x 1.82" x 0.71"
TCC001-T1-CA	Tones Color 96 watt Controller Preset to Calm Color selection	1 x 96W	24V DC	0-10V/PWM 1%	IP20	UL Class 2	2.36" x 1.82" x 0.71"
TCC001-T1-SE	Tones Color 96 watt Controller Preset to Sentimental Color selection	1 x 96W	24V DC	0-10V/PWM 1%	IP20	UL Class 2	2.36" x 1.82" x 0.71"
TCC001-T1-RC	Tones Color 96 watt Controller Preset to Recharge Color selection	1 x 96W	24V DC	0-10V/PWM 1%	IP20	UL Class 2	2.36" x 1.82" x 0.71"
COLOR CONTROL OF T2 LED TAPES							
Controller (REQUIRED)	Type	Wattage	Voltage Input/Output	Dimmable	IP Rating	Listing	Dimensions
TCC001-T2	Tones System 96 watt Controller Bluetooth selection of T2 colors	1 x 96W	24V DC	0-10V/PWM 1%	IP20	UL Class 2	2.36" x 1.82" x 0.71"
TCC001-T2-CO	Tones Color 96 watt Controller Preset to Collaborative Color selection	1 x 96W	24V DC	0-10V/PWM 1%	IP20	UL Class 2	2.36" x 1.82" x 0.71"
TCC001-T2-ED	Tones Color 96 watt Controller Preset to Edgy Color selection	1 x 96W	24V DC	0-10V/PWM 1%	IP20	UL Class 2	2.36" x 1.82" x 0.71"
TCC001-T2-EN	Tones Color 96 watt Controller Preset to Energetic Color selection	1 x 96W	24V DC	0-10V/PWM 1%	IP20	UL Class 2	2.36" x 1.82" x 0.71"
TCC001-T2-LI	Tones Color 96 watt Controller Preset to Lively Color selection	1 x 96W	24V DC	0-10V/PWM 1%	IP20	UL Class 2	2.36" x 1.82" x 0.71"

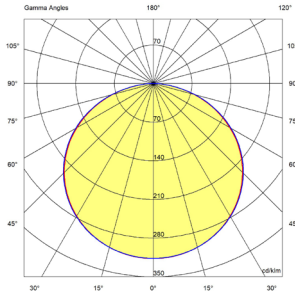
Repeater		Wattage	Voltage Input/Output	Dimmable	IP Rating	Listing	Dimensions
ZKREP-4CH-IP	Tones System 96 watt repeater	1 x 96W	24V DC	0-10V/PWM 1%	IP67	UL Class 2	7.12" X 1.50" X 2.91"

WIRING DIAGRAM



The repeater is added in line to extend a run from the Controller. 1 repeater is required for every 96W of product.

PHOTOMETRY

TONES								POLAR GRAPH
Fixture Power	3.5W	3.5W	3.5W	3.5W	3.5W	3.5W	3.5W	
Fixture Output	167Lm	146Lm	136m	129Lm	134Lm	128Lm	146Lm	
Kelvin Temp	CALM	SENTIMENTAL	RECHARGE	EDGY	ENERGETIC	COLLABORATIVE	LIVELY	
Beam Spread	120°	120°	120°	120°	120°	120°	120°	
IMax	317cd/klm	317cd/klm	313cd/klm	313cd/klm	338cd/klm	317cd/klm	317cd/klm	
Efficacy	48 Lm/W	41 Lm/W	39 Lm/W	37 Lm/W	38 Lm/W	37 Lm/W	42 Lm/W	