TECH LIGHTING®

ESSENCE™

LINEAR LIGHTING SYSTEM

ESSENCE U-SERIES LED TAPE
ENTRA CL3 RECESSED, WHITE ROUND BEVEL TRIM

Where light is placed has a significant impact on visibility, visual comfort, aesthetics, task performance, safety, mood, satisfaction, and social interaction. ESSENCE™ provides premier quality made-to-order architectural light channels and premium LED tape. ESSENCE is easy to specify, easy to install, backed by short lead times and Tech Lighting's impeccable service and will elevate any space.

ELEVATE YOUR SPACE WITH ESSENCE™ LINEAR LIGHTING

Small form factor, linear task and accent lighting is critical in residential and commercial spaces to layer light and create visual interest while placing light exactly where it's needed.

ESSENCE RECESSED FLANGED 0606 U-SERIES STATIC WHITE, WHITE
KLEE 38 FLOOR LAMP, POLISHED NICKEL

UNMATCHED COLOR QUALITY AND CONSISTENCY

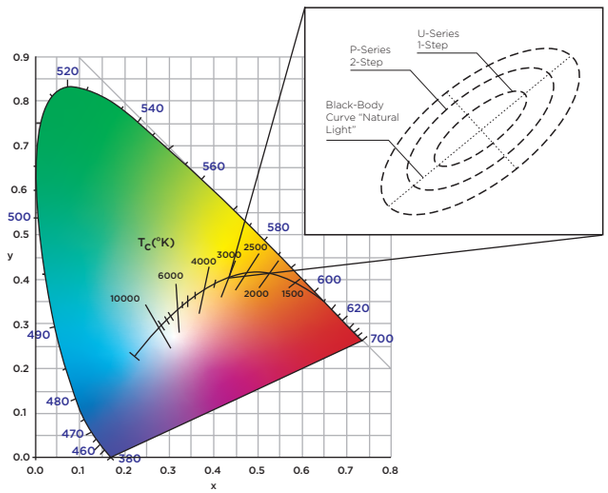
The quality of light is critical to ensure other design elements in the space are presented in the most natural way possible. Additionally, LED Tape and Channels are oftentimes in close proximity to a surface – frequently a white or light-colored surface which tends to pick up LED color variances adjacent to each other. ESSENCE utilizes a proprietary phosphor mix and hand selects from over 1 billion LEDs each year to achieve unmatched color quality and consistency.

CRI: Using a scale of 0-100, CRI indicates how well a light source renders 8 colors compared to a natural light source.

U SERIES	P SERIES	WARM DIM
97+	95+	95+

Color binning: Indicates how consistent color is from LED-to-LED along the black body curve of natural light. 1-step color binning helps ensure color variance is imperceptible to the human eye.

U SERIES	P SERIES	WARM DIM
1-STEP	2-STEP	2-STEP

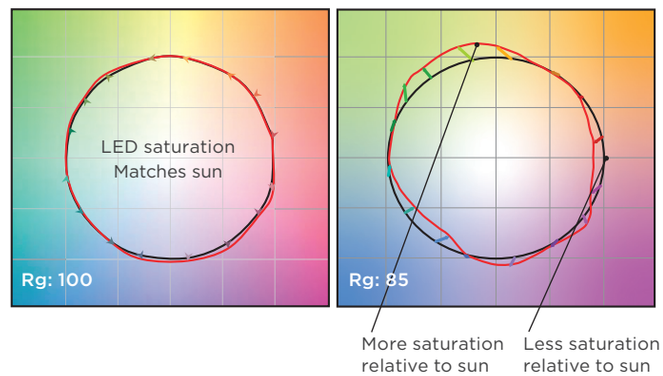


R_9: Indicates how well a light source renders RED, on a scale of 0-100, compared to a natural light source.

U SERIES	P SERIES	WARM DIM
95+	90+	90+

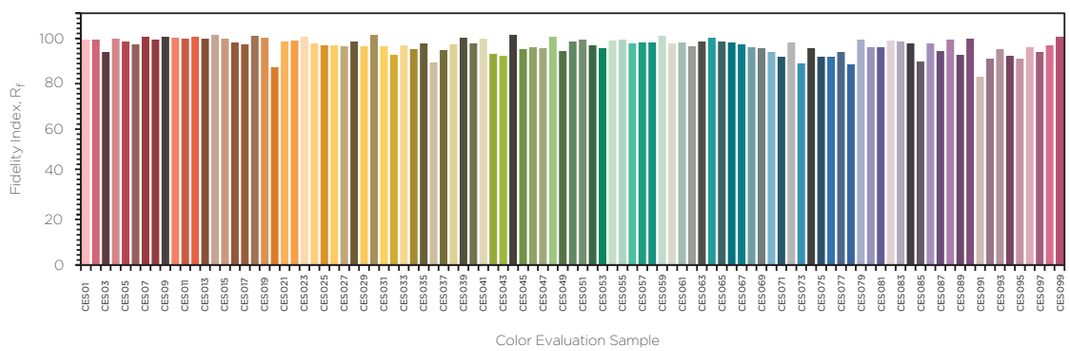
GAMUT (R_g): Scores below 100 indicate the color is less saturated than under sunlight, while scores above 100 mean the colors are more intense than under sunlight. Scores of 100 mirror natural light.

U SERIES	P SERIES	WARM DIM
100	95-105	95



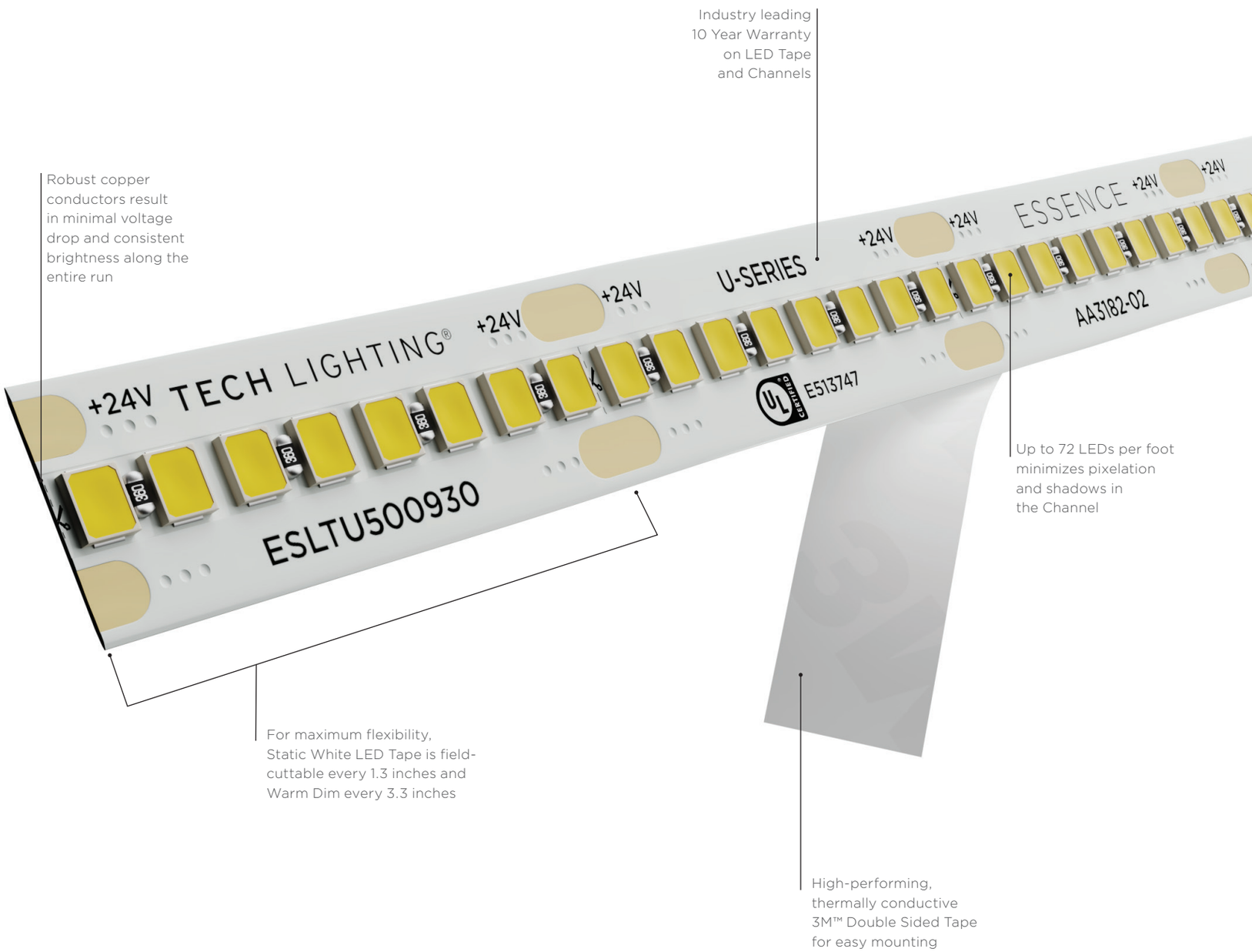
FIDELITY (R_f): On a scale of 0-100, R_f indicates how well a light source renders 99 colors chosen from real world objects, compared to natural light.

U SERIES	P SERIES	WARM DIM
95+	90+	90+



SUPERIOR LED TAPE

Whether utilized stand-alone or inside of a channel, ESSENCE LED Tape is engineered to provide beautiful light with maximum flexibility, consistent brightness, minimal shadowing and long life.



PREMIUM CHANNEL AESTHETICS

APPLICATION OPTIONS
A range of profiles are available to service a wide variety of Surface and Recessed applications.

Shallow Surface Mount
ESSF0604

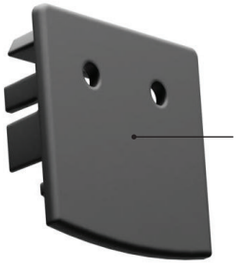
Surface Mount
ESSF0606

Recessed Flanged
ESRW0606

45 Degree
ES45

ALUMINUM EXTRUSION
ESSENCE Channels are manufactured to provide a tailored, quality aesthetic. Available in anodized Black, Satin Aluminum and White (field paintable) finishes.

MOUNTING HARDWARE
For a clean aesthetic, mounting hardware is concealed inside the channel. Each Channel ships with 3M™ Mounting Tape and Mounting Clips.



ULTRA THIN ENDCAPS
Engineered to eliminate light leak at the seams and provide a clean, finished look at the start and end of a Channel.

PREMIUM LED TAPE
Engineered for maximum color quality, color consistency and brightness while minimizing LED pixelation.

UNINTERRUPTED CHANNEL
Concealed Channel Joiner allows for continuous, uninterrupted runs up to 600".

ACRYLIC LENS
Optimizes light output while minimizing glare and LED pixelation.

ESSENCE offers two Lens options:
The White Lens offers a premium aesthetic engineered to eliminate LED pixelation and minimize glare - a great solution for applications where the channel is visible. The Frosted Lens offers increased light output while softening glare.

WHITE LENS
Eliminates LED pixels

ESSF0606 - SHOWN ON

ESSF0606 - SHOWN OFF

FROSTED LENS
Reduces LED pixels

ESSF0606 - SHOWN ON

ESSF0606 - SHOWN OFF

	WHITE LENS		FROSTED LENS	
PROFILE	STATIC WHITE	WARM DIM	STATIC WHITE	WARM DIM
0604	NP	FP	SP	FP
0606/45	NP	NP	NP	FP

FP Full Pixelation
SP Some Pixelation, particularly at lower dim levels
NP No Pixelation

ESSENCE SURFACE MOUNT 0606 WARM DIM, SATIN ALUMINUM

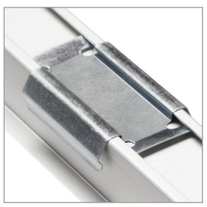
EASY SPECIFICATION & INSTALLATION

Specifying ESSENCE™ is easy. Light Channels are ordered to the actual length (including End Caps) up to 50 feet and LED Tape is field cuttable every 1.3 inches (3.3 inches for Warm Dim) allowing for ultimate flexibility in specifying and installation. For less than 1 inch increments, please contact our Custom Quotes Team.

MOUNTING HARDWARE
Concealed beneath the channel to eliminate visible hardware. Each Channel ships with 3M™ Mounting Tape and Mounting Clips.

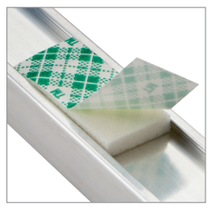
UNINTERRUPTED CHANNEL
Concealed Channel Joiner allows for continuous, uninterrupted runs up to 600" (included with any channel greater than 96").

Accessories (included with channel)



Recessed Mounting Clip

Surface Mounting Clip



3M™ Tape Mounting

Joiner
Included in runs over 96"

End Cap

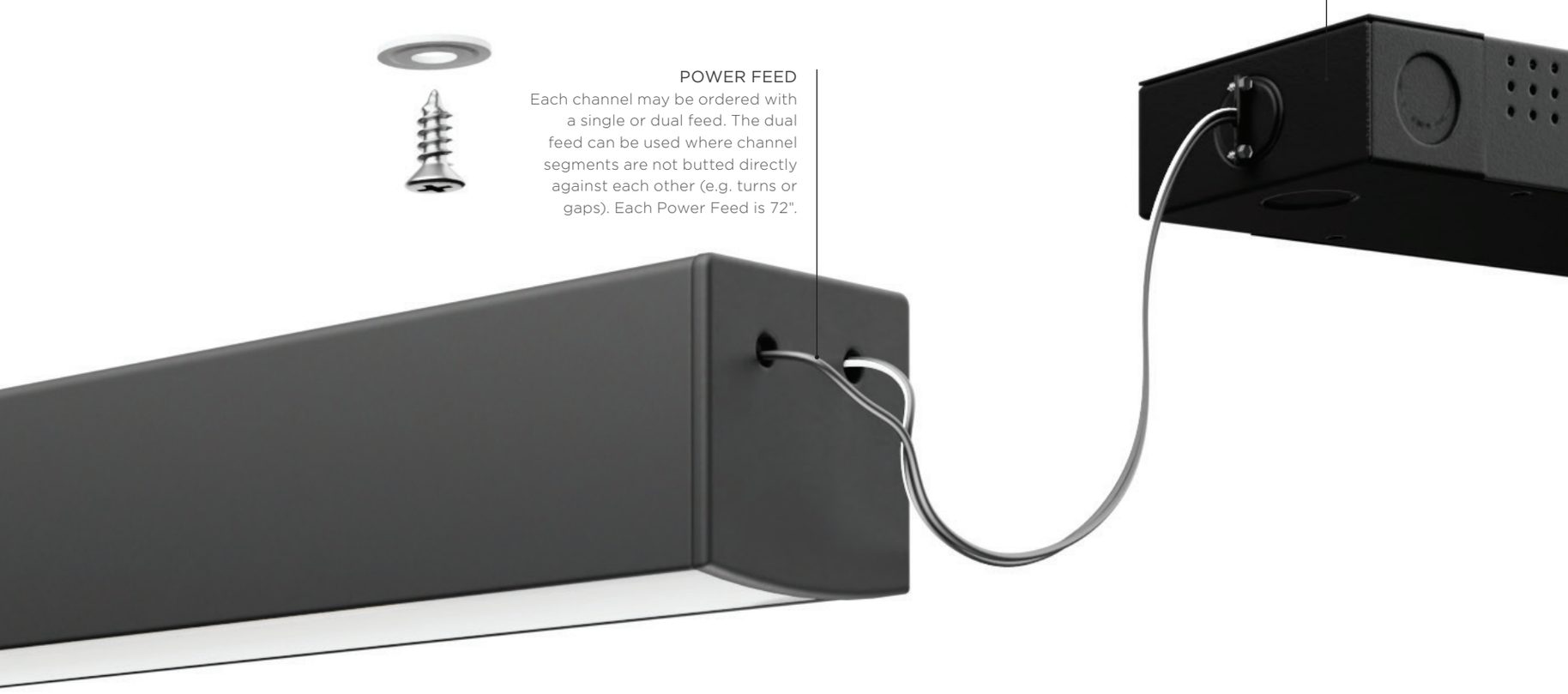
Accessories (ordered separately)

Wire Management Clip

Splice Box

TRANSFORMER
Each run is powered by a remote 24V DC Driver.

POWER FEED
Each channel may be ordered with a single or dual feed. The dual feed can be used where channel segments are not butted directly against each other (e.g. turns or gaps). Each Power Feed is 72".



HOW TO ORDER

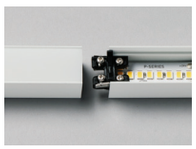
LED CHANNELS:

Surface Mount (ESSF0606), 45 Degree (ES45) and Recessed (ESRW0606): Specify the length to the exact inch as required

Shallow Surface Mount (ESSF0604): Specify the length by referencing the Length Chart on the Specification Sheet

CONTINUOUS RUNS UP TO 50 FEET:

A concealed Channel Joiner is included with any channel greater than 8' for simple and seamless connectivity. Not applicable with the Shallow Surface Mount (ESSF0604)



LED TAPE:

Order by the foot

Feld-cuttable every 1.3 inches for install flexibility (3.3" for Warm Dim)

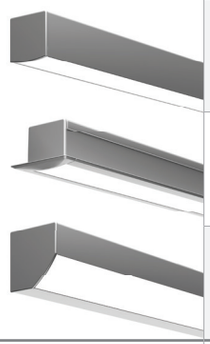
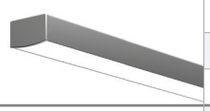
POWER FEEDS:

Specify 1 Power Feed when wiring a single fixture (even with multiple segments)

Specify 2 Power Feeds when wiring multiple fixtures together from a single power supply (e.g. two fixtures connected via wire nuts, splice box, j-box, etc.)

ESSENCE SURFACE MOUNT 0604 WARM DIM, SATIN ALUMINUM
GUNNAR PENDANT, WHITE / SATIN HAZE

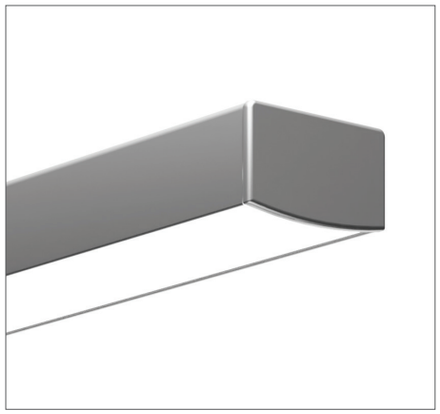
PRODUCT SPECIFICATIONS

			U-SERIES			P-SERIES				WARM DIM
			STATIC WHITE			STATIC WHITE				
SURFACE/RECESSED MOUNT 0606 45 DEGREE		DELIVERED LUMENS/FT	625	375	225	625	375	225	170	250
		WATTS/FT	7.3	4.6	2.5	7.3	4.6	2.5	1.9	3.4
		EFFICACY	86	82	90	86	82	90	89	75
SURFACE MOUNT 0604		DELIVERED LUMENS/FT	725	450	275	725	450	275	190	300
		WATTS/FT	7.3	4.6	2.5	7.3	4.6	2.5	1.9	3.4
		EFFICACY	99	98	110	99	98	110	100	90
LED TAPE		DELIVERED LUMENS/FT	800	500	300	800	500	300	200	350
		WATTS/FT	7.3	4.6	2.5	7.3	4.6	2.5	1.9	3.4
		EFFICACY	110	109	120	110	109	120	105	104
		CCT OPTIONS	2700K, 3000K, or 3500K			2400K, 2700K, 3000K, 3500K, or 4200K				3000K-1800K
		COLOR CONSISTENCY	1-step			2-step				2-Step
		CRI	97+			95+				95+
		Rf (FIDELITY)	95+			90+				90+
		Rg (GAMUT)	100			95-105				95
		VOLTAGE	Channels and LED Tape: 24VDC input Power Supplies: 120V or 277VAC input | 24VDC output							
		DIMMING	Standard phase dimming (down to 0.2%) | MLV dimming (down to 0.2%) 0-10V dimming (down to 5%) | Lutron Hi-lume EcoSystem/3-wire (down to 0.1%)							Standard phase dimming (down to 0.2%) | 0-10V dimming (down to 5%)
		POWER SUPPLY	Constant voltage with +.9 power factor and +80% efficiency. Class 2 up to 100W.							
		LENS	Frosted, White							
		CONSTRUCTION	Channel: Extruded Aluminum | Lens: Extruded Acrylic | End caps: Die-Cast Zinc							
		FINISH	Black, Satin Aluminum, or White (paintable)							
		GENERAL LISTING	ETL Listed Class 2. Damp Listed. Suitable for closets/storage spaces.							
		CALIFORNIA TITLE 24	Registered CEC appliance database. Can be used to comply with CEC 2019 title 24 part 6, excluding MLV.							
		L70	50,000 hours min							
		WARRANTY	Channels 10 years; Power Supplies 5 years							

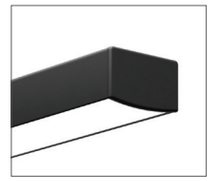
Data in chart reflects 3000K values with Frosted Lens. For White Lens, multiply output by 0.80.

ESSENCE RECESSED FLANGED 0606 U-SERIES STATIC WHITE, SATIN ALUMINUM

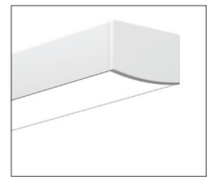
SURFACE MOUNT 0604



SATIN ALUMINUM
shown with white lens



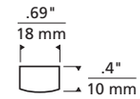
BLACK
shown with white lens



WHITE (PAINTABLE)
shown with white lens

FEATURES

- Ideal for applications in need of an ultra-shallow profile
- Seamless and hidden hardware for a clean aesthetic
- Highest efficacy with LEDs engineered close to the lens
- White Lens eliminates LED pixelation with Static White LEDs, while pixelation is visible with Warm Dim LEDs
- Frosted Lens maximizes light output, while pixelation is visible
- Uninterrupted illumination up to 96 inches
- Reference Length Chart on Specification Sheet for precise ordering dimensions



ORDERING GRIDS

SURFACE MOUNT 0604 U-SERIES STATIC WHITE

(1-STEP)

PRODUCT	NOMINAL LENGTH IN INCHES	OUTPUT/FT[1]	CRI/CCT	LENS	FINISH	POWER FEED
ESSF0604U ESSENCE SURFACE MOUNT 0.6"W X 0.4"H U-SERIES (1-STEP)	**6-96** (SEE OVERALL LENGTH CHART)	**275** 275 LM/FT **450** 450 LM/FT **725** 725 KM/FT	**927** 97 CRI, 2700K **930** 97 CRI, 3000K **935** 97 CRI, 3500K	**F** FROSTED **W** WHITE	**B** BLACK **A** SATIN ALUMINUM **W** WHITE (PAINTABLE)	**1** 1 FEED **2** 2 FEEDS
ESSF0604U						

[1]Frosted Lens output shown. For White Lens multiply output by 0.80.

SURFACE MOUNT 0604 P-SERIES STATIC WHITE

(2-STEP)

PRODUCT	NOMINAL LENGTH IN INCHES	OUTPUT/FT[1]	CRI/CCT	LENS	FINISH	POWER FEED
ESSF0604P ESSENCE SURFACE MOUNT 0.6"W X 0.4"H P-SERIES (2-STEP)	**6-96** (SEE OVERALL LENGTH CHART)	**190** 190 LM/FT **275** 275 LM/FT **450** 450 LM/FT **725** 725 LM/FT	**924** 95 CRI, 2400K[2] **927** 95 CRI, 2700K **930** 95 CRI, 3000K **935** 95 CRI, 3500K **942** 95 CRI, 4200K[3]	**F** FROSTED **W** WHITE	**B** BLACK **A** SATIN ALUMINUM **W** WHITE (PAINTABLE)	**1** 1 FEED **2** 2 FEEDS
ESSF0604P						

[1]Frosted Lens output shown. For White Lens multiply output by 0.80.
[2]924 - 190 and 275 lm/ft only.
[3]942 - Not available 190 lm/ft.

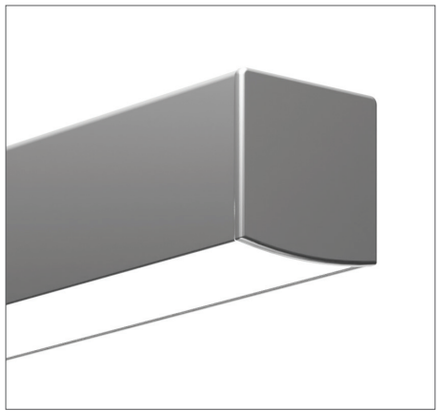
SURFACE MOUNT 0604 WARM DIM[1]

(2-STEP)

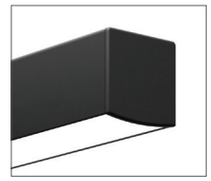
PRODUCT	LENGTH IN INCHES	OUTPUT/FT[1,2]	CRI/CCT	LENS	FINISH	POWER FEED
ESSF0606D ESSENCE SURFACE MOUNT[1] 0.6"W X 0.4"H	**6-96** (SEE OVERALL LENGTH CHART)	**300** 300 LM/FT	**9W3018** 95 CRI, WARM DIM 3000K-1800K	**F** FROSTED **W** WHITE	**B** BLACK **A** SATIN ALUMINUM **W** WHITE (PAINTABLE)	**1** 1 FEED **2** 2 FEEDS
ESSF0604D		**300**	**9W3018**			

[1]Pixelation may be visible.
[2]Frosted Lens output shown. For White Lens multiply output by 0.80.

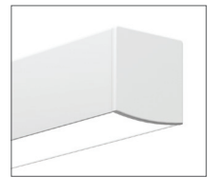
SURFACE MOUNT 0606



SATIN ALUMINUM
shown with white lens



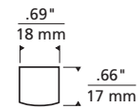
BLACK
shown with white lens



WHITE (PAINTABLE)
shown with white lens

FEATURES

- Most versatile solution for surface mount applications
- Premium illumination for shelving, coves, under cabinet and task/accent lighting
- White Lens eliminates LED pixelation with Static White and Warm Dim LEDs
- Frosted Lens eliminates LED pixelation with Static White LEDs, while pixelation is visible with Warm Dim LEDs
- Seamless and hidden hardware for a clean aesthetic
- Uninterrupted illumination up to 600 inches, order by the exact inch



ORDERING GRIDS

SURFACE MOUNT 0606 U-SERIES STATIC WHITE

(1-STEP)

PRODUCT	LENGTH IN INCHES	OUTPUT/FT[1]	CRI/CCT	LENS	FINISH	POWER FEED
ESSF0606U ESSENCE SURFACE MOUNT 0.6"W X 0.6"H U-SERIES (1-STEP)	**6-480** (1" INCREMENTS)	**225** 225 LM/FT **375** 375 LM/FT[2] **625** 625 LM/FT[3]	**927** 97 CRI, 2700K **930** 97 CRI, 3000K **935** 97 CRI, 3500K	**F** FROSTED **W** WHITE	**B** BLACK **A** SATIN ALUMINUM **W** WHITE (PAINTABLE)	**1** 1 FEED **2** 2 FEEDS
ESSF0606U						

[1]Frosted Lens output shown. For White Lens multiply output by 0.80.
[2]375 - Output 240" (20 ft) max length.
[3]625 - Output 156" (13 ft) max length.

SURFACE MOUNT 0606 P-SERIES STATIC WHITE

(2-STEP)

PRODUCT	LENGTH IN INCHES	OUTPUT/FT[1]	CRI/CCT	LENS	FINISH	POWER FEED
ESSF0606P ESSENCE SURFACE MOUNT 0.6"W X 0.6"H P-SERIES (2-STEP)	**6-600** (1" INCREMENTS)	**170** 170 LM/FT **225** 225 LM/FT[2] **375** 375 LM/FT[3] **625** 625 LM/FT[4]	**924** 95 CRI, 2400K[5] **927** 95 CRI, 2700K **930** 95 CRI, 3000K **935** 95 CRI, 3500K **942** 95 CRI, 4200K[6]	**F** FROSTED **W** WHITE	**B** BLACK **A** SATIN ALUMINUM **W** WHITE (PAINTABLE)	**1** 1 FEED **2** 2 FEEDS
ESSF0606P						

[1]Frosted Lens output shown. For White Lens multiply output by 0.80.
[2]225 - Output 480" (40 ft) max length
[3]375 - Output 240" (20 ft) max length.
[4]625 - Output 156" (13 ft) max length.
[5]924 - 170 and 225 lm/ft only..
[6]942 - Not available in 170 lm/ft.

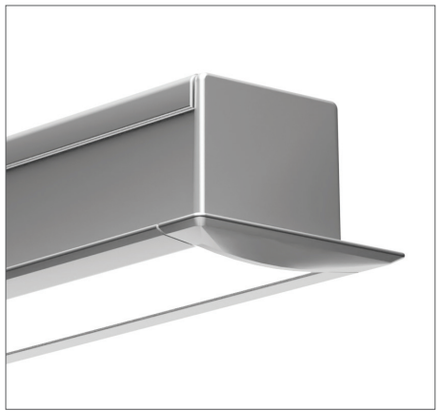
SURFACE MOUNT 0606 WARM DIM[1]

(2-STEP)

PRODUCT	LENGTH IN INCHES	OUTPUT/FT[1]	CRI/CCT	LENS	FINISH	POWER FEED
ESSF0606D ESSENCE SURFACE MOUNT 0.6"W X 0.6"H	**6-180** (1" INCREMENTS)	**250** 250 LM/FT	**9W3018** 95 CRI, WARM DIM 3000K-1800K	**F** FROSTED **W** WHITE	**B** BLACK **A** SATIN ALUMINUM **W** WHITE (PAINTABLE)	**1** 1 FEED **2** 2 FEEDS
ESSF0606D		**250**	**9W3018**			

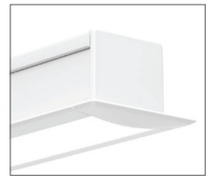
[1]Frosted Lens output shown. For White Lens multiply output by 0.80.

RECESSED 0606



SATIN ALUMINUM
shown with white lens

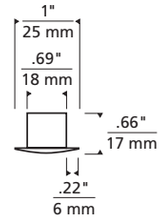
BLACK
shown with white lens



WHITE (PAINTABLE)
shown with white lens

FEATURES

- Designed for recessed millwork applications such as cabinets, bookshelves and closets or tile installations common throughout bathrooms and kitchens
- White Lens eliminates LED pixelation with Static White and Warm Dim LEDs
- Frosted Lens eliminates LED pixelation with Static White LEDs, while pixelation is visible with Warm Dim LEDs
- Uninterrupted illumination up to 600 inches, order by exact inch



ORDERING GRIDS

RECESSED FLANGED CABINET/MILLWORK 0606 U-SERIES STATIC WHITE

(1-STEP)

PRODUCT	LENGTH IN INCHES	OUTPUT/FT[2]	CRI/CCT	LENS	FINISH	POWER FEED
ESRW0606U ESSENCE RECESSED FLANGED CABINET/MILLWORK[1] 0.6"W X 0.6"H U-SERIES (1-STEP)	**6-480** (1" INCREMENTS)	**225** 225 LM/FT **375** 375 LM/FT[3] **625** 625 LM/FT[4]	**927** 97 CRI, 2700K **930** 97 CRI, 3000K **935** 97 CRI, 3500K	**F** FROSTED **W** WHITE	**B** BLACK **A** SATIN ALUMINUM **W** WHITE (PAINTABLE)	**1** 1 FEED **2** 2 FEEDS
ESRW0606U						

[1]Not intended for drywall application.
[2]Frosted Lens output shown. For White Lens multiply output by 0.80.
[3]375 - Output 240" (20 ft) max length.
[4]625 - Output 156" (13 ft) max length.

RECESSED FLANGED CABINET/MILLWORK 0606 P-SERIES STATIC WHITE

(2-STEP)

PRODUCT	LENGTH IN INCHES	OUTPUT/FT[2]	CRI/CCT	LENS	FINISH	POWER FEED
ESRW0606P ESSENCE RECESSED FLANGED CABINET/MILLWORK[1] 0.6"W X 0.6"H P-SERIES (2-STEP)	**6-600** (1" INCREMENTS)	**170** 170 LM/FT **225** 225 LM/FT[3] **375** 375 LM/FT[4] **625** 625 LM/FT[5]	**924** 95 CRI, 2400K[6] **927** 95 CRI, 2700K **930** 95 CRI, 3000K **935** 95 CRI, 3500K **942** 95 CRI, 4200K[7]	**F** FROSTED **W** WHITE	**B** BLACK **A** SATIN ALUMINUM **W** WHITE (PAINTABLE)	**1** 1 FEED **2** 2 FEEDS
ESRW0606P						

[1]Not intended for drywall application.
[2]Frosted Lens output shown. For White Lens multiply output by 0.80.
[3]225 - Output 480" (40 ft) max length
[4]375 - Output 240" (20 ft) max length.
[5]625 - Output 156" (13 ft) max length.
[6]924 - 170 and 225 lm/ft only.
[7]942 - Not available in 170 lm/ft.

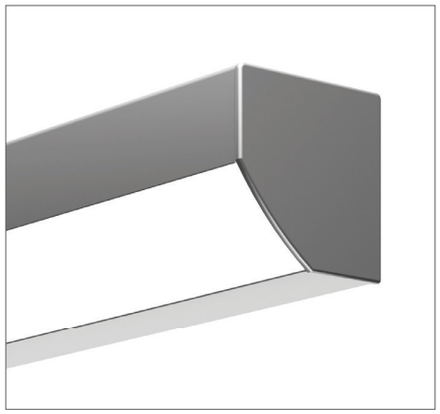
RECESSED FLANGED CABINET/MILLWORK 0606 WARM DIM

(2-STEP)

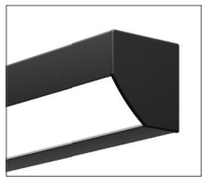
PRODUCT	LENGTH IN INCHES	OUTPUT/FT[2]	CRI/CCT	LENS	FINISH	POWER FEED
ESRW0606D ESSENCE RECESSED FLANGED CABINET/MILLWORK[1] 0.6"W X 0.6"H	**6-180** (1" INCREMENTS)	**250** 250 LM/FT	**9W3018** 95 CRI, WARM DIM 3000K-1800K	**F** FROSTED **W** WHITE	**B** BLACK **A** SATIN ALUMINUM **W** WHITE (PAINTABLE)	**1** 1 FEED **2** 2 FEEDS
ESRW0606D		**250**	**9W3018**			

[1]Not intended for drywall application.
[2]Frosted Lens output shown. For White Lens multiply output by 0.80.

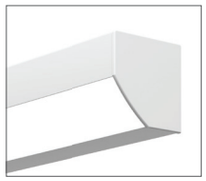
45 DEGREE



SATIN ALUMINUM
shown with white lens



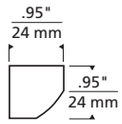
BLACK
shown with white lens



WHITE (PAINTABLE)
shown with white lens

FEATURES

- Ideal for front lighting, bookshelves, pantries, closets and under cabinets to illuminate backsplashes
- White Lens eliminates LED pixelation with Static White and Warm Dim LEDs
- Frosted Lens eliminates LED pixelation with Static White LEDs, while pixelation is visible with Warm Dim LEDs
- Seamless and hidden hardware for a clean aesthetic
- Uninterrupted illumination up to 600 inches, order by the exact inch



ORDERING GRIDS

45 DEGREE U-SERIES STATIC WHITE

(1-STEP)

SYSTEM	LENGTH IN INCHES	OUTPUT/FT[1]	CRI/CCT	LENS	FINISH	POWER FEED
ES45U ESSENCE 45 DEGREE U-SERIES (1-STEP)	**6-480** (1" INCREMENTS)	**225** 225 LM/FT **375** 375 LM/FT[2] **625** 625 LM/FT[3]	**927** 97 CRI, 2700K **930** 97 CRI, 3000K **935** 97 CRI, 3500K	**F** FROSTED **W** WHITE	**B** BLACK **A** SATIN ALUMINUM **W** WHITE (PAINTABLE)	**1L** 1 FEED LEFT **1R** 1 FEED RIGHT **2** 2 FEEDS
ES45U						

[1]Frosted Lens output shown. For White Lens multiply output by 0.80.
[2]375 - Output 240" (20 ft) max length.
[3]625 - Output 156" (13 ft) max length.

45 DEGREE P-SERIES STATIC WHITE

(2-STEP)

SYSTEM	LENGTH IN INCHES	OUTPUT/FT[1]	CRI/CCT	LENS	FINISH	POWER FEED
ES45P ESSENCE 45 DEGREE P-SERIES (2-STEP)	**6-600** (1" INCREMENTS)	**170** 170 LM/FT **225** 225 LM/FT[2] **375** 375 LM/FT[3] **625** 625 LM/FT[4]	**924** 95 CRI, 2400K[5] **927** 95 CRI, 2700K **930** 95 CRI, 3000K **935** 95 CRI, 3500K **942** 95 CRI, 4200K[6]	**F** FROSTED **W** WHITE	**B** BLACK **A** SATIN ALUMINUM **W** WHITE (PAINTABLE)	**1L** 1 FEED LEFT **1R** 1 FEED RIGHT **2** 2 FEEDS
ES45P						

[1]Frosted Lens output shown. For White Lens multiply output by 0.80.
[2]225 - Output 480" (40 ft) max length
[3]375 - Output 240" (20 ft) max length.
[4]625 - Output 156" (13 ft) max length.
[5]924 - 170 and 225 lm/ft only.
[6]942 - Not available in 170 lm/ft.

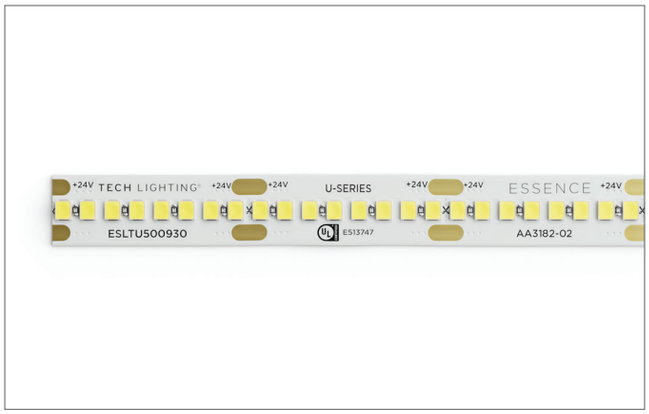
45 DEGREE WARM DIM[1]

(2-STEP)

PRODUCT	LENGTH IN INCHES	OUTPUT/FT[1]	CRI/CCT	LENS	FINISH	POWER FEED
ES45D ESSENCE 45 DEGREE	**6-180** (1" INCREMENTS)	**250** 250 LM/FT	**9W3018** 95 CRI, WARM DIM 3000K-1800K	**F** FROSTED **W** WHITE	**B** BLACK **A** SATIN ALUMINUM **W** WHITE (PAINTABLE)	**1L** 1 FEED LEFT **1R** 1 FEED RIGHT **2** 2 FEEDS
ES45D		**250**	**9W3018**			

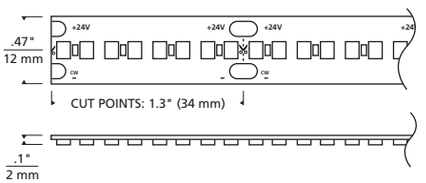
[1]Frosted Lens output shown. For White Lens multiply output by 0.80.

U SERIES LED TAPE



FEATURES

- Ideal for premium illumination needs in areas where the light source is not visible and a channel will not fit
- 1-step color consistency, CRI 97+, R9 95+, Rf 95+, Rg 100
- Tight LED pitch (72 LEDs/ft)
- Tape field cuttable in 1.3 inch increments, ordered by the foot
- Includes 3M™ Double Sided Tape for robust mounting
- Copper substrate minimizes voltage drop for consistent brightness along run



ORDERING GRIDS

LED TAPE U-SERIES

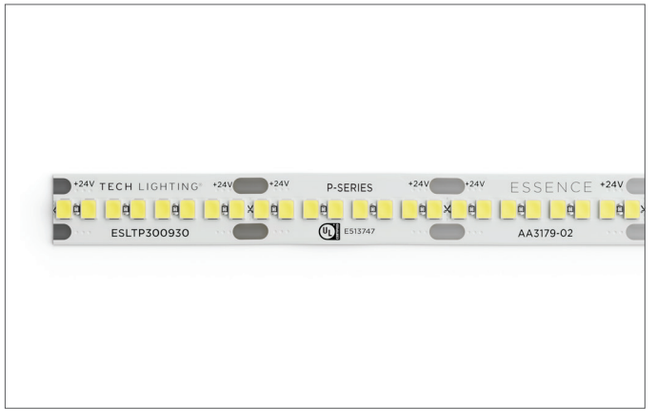
(1-STEP)

PRODUCT	LENGTH IN FEET	OUTPUT/FT	CRI/CCT
ESLTU ESSENCE LED TAPE U-SERIES (1-STEP)	**1-40** (1 FT INCREMENTS)	**300** 300 LM/FT **500** 500 LM/FT[1] **800** 800 LM/FT[2]	**927** 97 CRI, 2700K **930** 97 CRI, 3000K **935** 97 CRI, 3500K

ESLTU

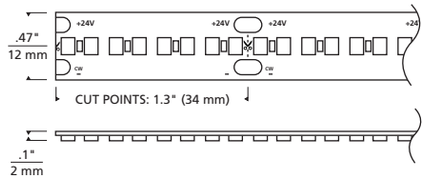
[1]500 - Output 20 ft max length.
[2]800 - Output 13 ft max length.

P SERIES LED TAPE



FEATURES

- Ideal for illumination needs in areas where the light source is not visible and a channel will not fit
- 2-step color consistency, CRI 95+, R9 90+, Rf 90+, Rg 95-105
- Tight LED pitch (72 LEDs/ft)
- Tape field-cuttable in 1.3 inch increments, ordered by the foot
- Includes 3M™ Double Sided Tape for robust mounting
- Copper substrate minimizes voltage drop for consistent brightness along run



ORDERING GRIDS

LED TAPE P-SERIES

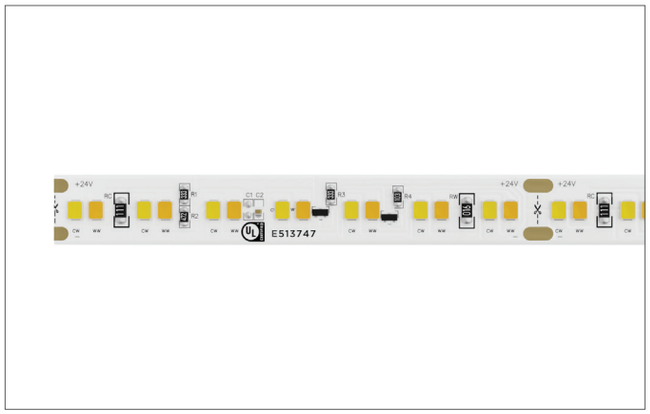
(2-STEP)

PRODUCT	LENGTH IN FEET	OUTPUT/FT	CRI/CCT
ESLTP ESSENCE LED TAPE P-SERIES (2-STEP)	**1-50** (1 FT INCREMENTS)	**200** 200 LM/FT **300** 300 LM/FT[1] **500** 500 LM/FT[2] **800** 800 LM/FT[3]	**924** 95 CRI, 2400K[4] **927** 95 CRI, 2700K **930** 95 CRI, 3000K **935** 95 CRI, 3500K **942** 95 CRI, 4200K[5]

ESLTP

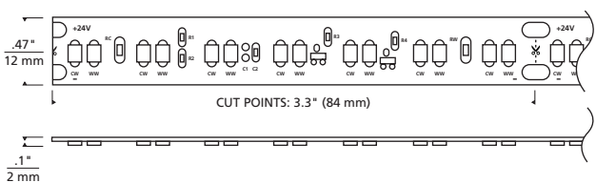
[1]300 - Output 40 ft max length.
[2]500 - Output 20 ft max length.
[3]800 - Output 13 ft max length.
[4]924 - 200 and 300 lm/ft only.
[5]942 - Not available in 200 lm/ft.

WARM DIM LED TAPE



FEATURES

- Ideal for premium Warm Dim illumination needs in areas where the light source is not visible and a channel will not fit
- 2-step color consistency, CRI 95+, R9 90+, Rf 90+, Rg 95
- Tight LED pitch (Warm Dim 52 LEDs/ft)
- Tape field cuttable in 3.3 inch increments ordered by the foot
- Includes 3M™ Double Sided Tape for robust mounting
- Copper substrate minimizes voltage drop for consistent brightness along run



ORDERING GRIDS

LED TAPE WARM DIM

(2-STEP)

PRODUCT	LENGTH IN FEET	OUTPUT/FT	CRI/CCT
ESLTD ESSENCE LED TAPE	**1-15** (1 FT INCREMENTS)	**350** 350 LM/FT	**9W3018** 95 CRI, WARM DIM, 3000K-1800K
ESLTD		**350**	**9W3018**

ESSENCE RECESSED 0604 U-SERIES STATIC WHITE, WHITE
WIT LINEAR 5-LIGHT SUSPENSION, AGED BRASS

POWER SUPPLIES

60W

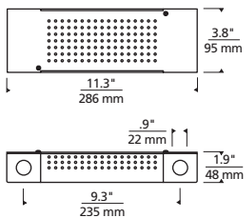
100W

REMOTE POWER SUPPLY PHASE DIMMING[1]

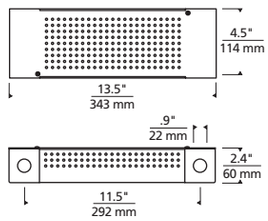
Remote Power Supply for Phase Dimming down to 0.2%. 120V input voltage with 24VDC output available in 60W and 100W. Enclosure included.

ORDERING INFORMATION

ESPR06024ELV120 60W POWER SUPPLY REMOTE PHASE DIMMING
ESPR10024ELV120 100W POWER SUPPLY REMOTE PHASE DIMMING



60W PHASE DIMMING ENCLOSURE



100W PHASE DIMMING ENCLOSURE

60W

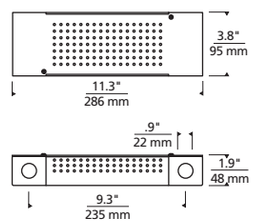
100W

REMOTE POWER SUPPLY 0-10V[1]

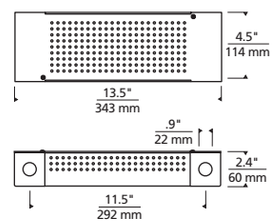
Remote Power Supply for 0-10V dimming down to 5%. Universal input 120V-277V with 24VDC output available in 60W and 100W. Enclosure included.

ORDERING INFORMATION

ESPR06024010120-277 60W POWER SUPPLY REMOTE 0-10V
ESPR10024010120-277 100W POWER SUPPLY REMOTE 0-10V



60W 0-10V ENCLOSURE



100W 0-10V ENCLOSURE

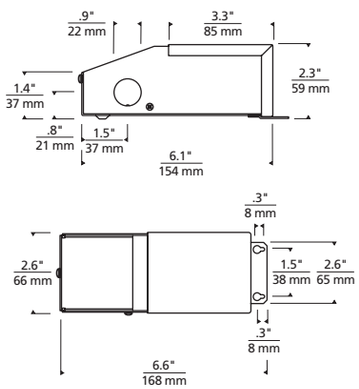
REMOTE TRANSFORMER MLV 5%

Remote Power Supply for MLV dimming down to 5%. 120V input voltage with 24VDC output available in 60W and 100W. Available for Static White LED Tape only. 60W Load Min/Max: 12W/42W. 100W Load Min/Max: 20W/70W. Enclosure included.

ORDERING INFORMATION

ESPR06024MLV120 60W POWER SUPPLY REMOTE MLV[1]
ESPR10024MLV120 100W POWER SUPPLY REMOTE MLV[1]

[1]MLV not available with Warm Dim.



60W AND 100W MLV ENCLOSURE

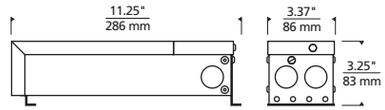
REMOTE TRANSFORMER MLV 0.2%

Remote Power Supply for MLV dimming down to 0.2%. 120V input voltage with 24VDC output available in 48W and 100W. 48W Load Max: 33W. 100W Load Max: 70W. Enclosure included.

ORDERING INFORMATION

ESPR04824JMLV120 48W POWER SUPPLY MLV 0.2%[1]
ESPR10024JMLV120 100W POWER SUPPLY MLV 0.2%[1]

[1]JMLV not available with Warm Dim.



48W AND 100W MLV ENCLOSURE

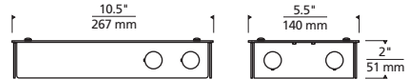
REMOTE POWER SUPPLY LUTRON HI-LUME ECOSYSTEM/3-WIRE 0.1%[1]

Remote Lutron Hi-lume Power Supply for EcoSystem or 3-wire compatibility with dimming down to 0.1%. Available for Static White LED Tape only. Universal input 120V-277V with 24VDC output available in 100W. Enclosure included.

ORDERING INFORMATION

ESPR10024HLECO120-277 100W POWER SUPPLY LUTRON HI-LUME ECOSYSTEM/3-WIRE [1]

[1]HLECO not available with Warm Dim.



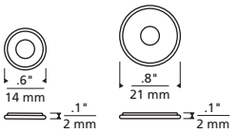
100W ECOSYSTEM/3-WIRE ENCLOSURE

ACCESSORIES

ESSENCE CHANNEL MOUNTING CLIP, SURFACE FIXED

Included with fixture and to be used every 2 feet. Assembles to the mounting surface with wood screw (included) allowing fixture to snap into place with a secure hold. Once fixture is installed, the Surface Fixed Mounting Clip is completely concealed within the rear channel of fixture. Mounting to surfaces other than wood, requires alternate screws/anchors (not included). For wall mount with fixtures oriented vertically, use Double-Sided Tape.

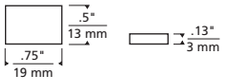
ORDERING INFORMATION
ESCLPSF06 SURFACE MOUNT 0604 AND 0606 (0.6" DIA.)
ESCLPSF10 45 DEGREE (0.8" DIA.)



ESSENCE CHANNEL MOUNTING DOUBLE-SIDED TAPE

Included with fixture and to be used every foot. Easy to apply, high-bond tape used as an alternative mounting solution for a secure hold. Once fixture is installed, the Double-Sided Tape is completely concealed within the rear channel of the fixture.

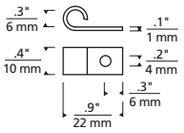
ORDERING INFORMATION
ESTPDS75



WIRE MANAGEMENT CLIP

Designed with simplicity to help route and conceal wiring. Includes 10 clips and screws.

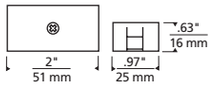
ORDERING INFORMATION
ESLTCLPJ



SPLICE BOX

Used for housing low-voltage wire connections.

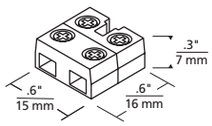
ORDERING INFORMATION
ESLTSBB BLACK
ESLTSBW WHITE



LED TAPE-TO-WIRE CONNECTOR

Connectors used to power feed a run of LED tape. Compatible with 14-20 AWG wire (not included).

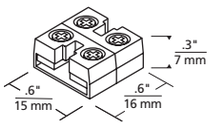
ORDERING INFORMATION
ESLTCTW12-2



LED TAPE-TO-TAPE CONNECTOR

Connectors used to extend a run of LED tape.

ORDERING INFORMATION
ESLTCTT12-2



TECH LIGHTING

ESG

SUPPORTING CUSTOMERS AND SALES REPRESENTATIVES WITH SUPERIOR SERVICE AND SOLUTIONS

At Tech Lighting we know that our success is based on delivering 5-Star customer service. We offer some of the best designed and engineered products in the lighting industry with dedicated sales and customer service support - lean on us to get the job done.

ENHANCED SOLUTIONS GROUP

DEDICATED CUSTOMER SALES & SERVICE TEAM

Experts on the **Complete Tech Lighting Portfolio**

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- Installation techniques and troubleshooting
- Production, scheduling and delivery oversight
- Pricing
- Custom capabilities

Highly Available, Responsive & Responsible

- Direct Access: ESG@visualcomfortco.com
- Act with urgency. Constant communication. No surprises.

ESG@visualcomfortco.com

SPECIAL SERVICES

QUICK SHIP PROGRAM

Lighting is oftentimes one of the last things to be installed on a project. Our goal is to ship ANY ESSENCE made-to-order product in 5 days or less

Receive your quotes turned around in less than 24 hours

FREE SAMPLES IN 48 HOURS

We appreciate that nothing validates a design like seeing a physical sample

24" length sample includes cord and plug for easy demonstration

48 hour turn-around time on ANY ESSENCE part number (includes cord & plug for easy demonstration)

Samples are FREE for 60 days

SHOP DRAWINGS

ESG can make specifying ESSENCE easier with detailed shop drawings

LIGHTING CALCULATIONS

Download our .ies files from our online library or utilize our team of experts to run lighting calculations to ensure you are getting the required light levels

FIXTURE SCHEDULE LABELS

Provide us with your fixture schedule and we will be happy to label each box aiding in on-site organization and installation

CUSTOM SOLUTIONS

Contact us for requests on custom project requests, including less than 1" increment lengths

ESSENCE SURFACE MOUNT 0604 WARM DIM, SATIN ALUMINUM
KONOS PENDANT, WHITE / SATIN HAZE

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Skokie, IL 60077

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921TLESSENCE21

SHOWN ON COVER:
ESSENCE RECESSED FLANGED 0606 STATIC WHITE, BLACK
CALUMN PENDANT, NIGHTSHADE BLACK