SAFIRE-20

2W DESIGNER SERIES LED TAPE LIGHT

UPDATED: 10.08.26

Project _____
Location _____
Quote/ Ref # _____

The **SAFIRE-20** — a high efficiency, indoor tape light designed to illuminate your space with unparalleled efficiency and versatility. The Safire Series utilizes the most technologically advanced LEDs in the market. Using only the top binned LEDs with a macadam ellipse 1.5 step binning procedure, Core Lighting can deliver the most efficient LED strip, with a longer life, higher CRI and higher R9 values. Choose from multiple CCT options ranging from 2200K to 5000K.

SPECIFICATIONS

POWER CONSUMPTION	2W per Ft.
LEDS/ FT.	42 LED per Ft.
LUMEN OUTPUT	225 ~ 311 Lumens per Ft.
CRI	95+
COLOR TEMPERATURE	22K/ 24K/ 27K/ 30K/ 35K/ 40K/ 50K
DIMMING	MLV, ELV, 0-10V and TRIAC
MAXIMUM RUN LENGTH	55 Ft.
CUTTABLE	Every 2.46 in (62.5mm)
BINNING	1.5-Step MacAdam Elipse
OPERATING VOLTAGE	24V DC
OPERATING TEMPERATURE	-22°F (-30°C) to +122°F (+50°C)
BEAM ANGLE	120°
RATING	Indoor
CERTIFICATIONS	UL Listed, California TITLE JA8
LUMEN MAINTENANCE	50,000 Hrs.

FEATURES

- 24V DC
- Continuous Run up to 55 Ft.
- 95+ CRI
- Custom length available every 2.46 in.
- Dimmable
- UL Listed
- California TITLE 24 JA8 Compliant
- 7-Year Warranty*

* Only with compatible Core Lighting drivers

INDOOR 95+ CRI DIMMABLE 50,000 HRS JA8 TITLE 24 COMPLIANT c UL us LISTED WARRANTY 7 YEAR

MODEL	COLOR TEMP	LED LENGTH	VOLTAGE	[2]PROFILE
SFS-20	**22K** 2200K	**100** 100 Ft.	**24** 24V DC	[2]*See Page 3 - 5 for compatible profiles.*
	24K 2400K	[1]**XX** per Ft.		
	27K 2700K			
	30K 3000K			
	35K 3500K			
	40K 4000K			
	50K 5000K			
		*[1] = Custom length per FT. (cuttable every 1.97")		* Custom color finishes require powder coating. Allow 7 days leads time.

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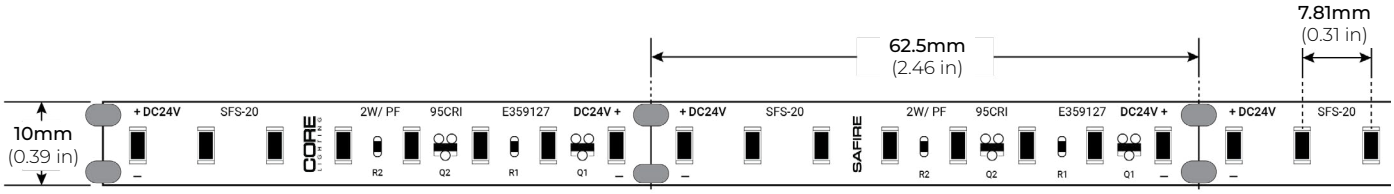
DIMENSIONS



LUMENS

MODEL	WATT	CCT	Lumen/ FT	EFFICACY (Lm/W)	CRI	R9	R13
SFS-20	2W	2200K	225	96	95+	85	98
		2400K	243	104	95+	91	99
		2700K	269	115	95+	94	98
		3000K	269	115	95+	95	99
		3500K	285	122	95+	94	98
		4000K	293	125	95+	92	98
		5000K	311	133	95+	96	99

COMPATIBLE CONNECTORS

MALE/ FEMALE LINK CONNECTORS

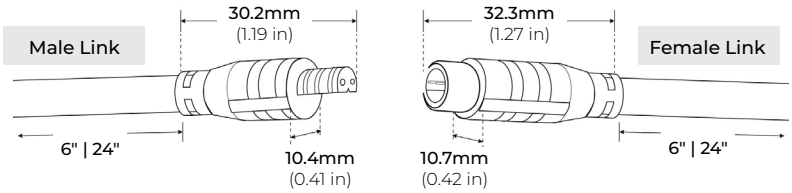
HARDWIRE LINK CONNECTOR

100W (MAX POWER) | 4.5A (MAX RATING)

*SOLD SEPARATELY

CON6 6" HARDWIRE LINK CONNECTOR

CON24 24" HARDWIRE LINK CONNECTOR



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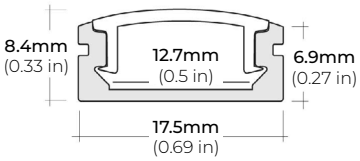
COMPATIBLE ALUMINUM PROFILES

SURFACE PROFILES

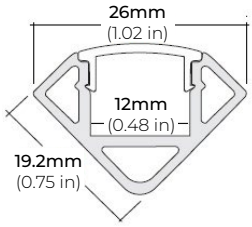
ALU-SF

LENGTHS 39.4” | 78.9” | 84” | 98”
LENS Clear, Frosted
FINISH Black | Silver



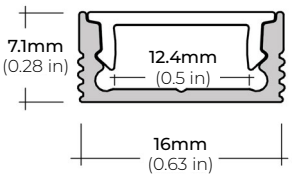
ALU-CN (CORNER)

LENGTHS 39.4” | 78.9” | 84” | 98”
LENS Clear, Frosted
FINISH Black | Silver



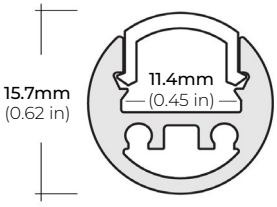
ALP-20

LENGTHS 49.25” | 84” | 98.5”
LENS Frosted
FINISH White | Black | Silver



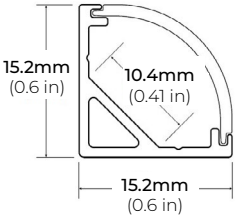
ALP-35

LENGTHS 48” | 96”
LENS Frosted
FINISH White | Black | Silver



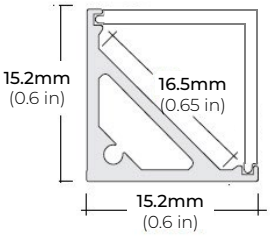
ALP-50C-V2 (CORNER)

LENGTHS 48” | 84” | 98”
LENS Frosted
FINISH White | Black | Silver



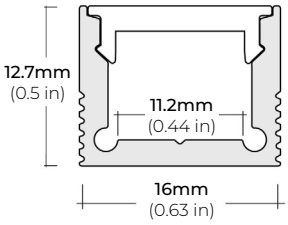
ALP-50K-98

LENGTHS 39⅜” | 78⅞” | 98.5”
LENS Clear, Frosted
FINISH Black | Silver



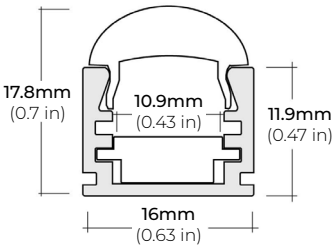
ALP-60

LENGTHS 49.25” | 84” | 98.5”
LENS Frosted
FINISH White | Black | Silver



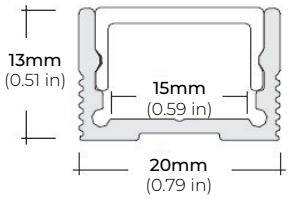
ALP-65

LENGTHS 48” | 96”
LENS Clear
FINISH Silver



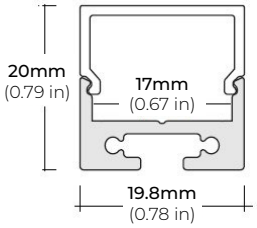
ALP-70

LENGTHS 49.25” | 84” | 98.5”
LENS Frosted, Black
FINISH White | Black | Silver



ALP-80

LENGTHS 49.25” | 98.5”
LENS Frosted
FINISH Silver



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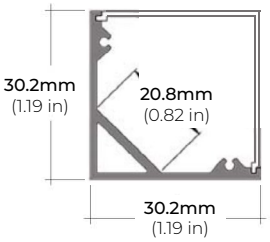
COMPATIBLE ALUMINUM PROFILES

SURFACE PROFILES

ALP-100K-98 (CORNER)

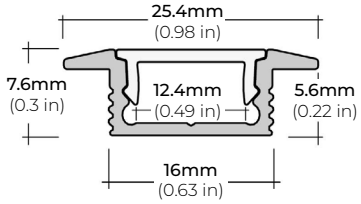
LENGTHS 98.5”
LENS Frosted
FINISH Silver



RECESSED PROFILES

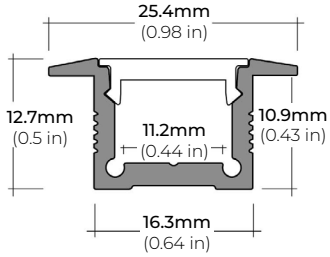
ALP-20R

LENGTHS 49.25” | 98.5”
LENS Frosted
FINISH White | Black | Silver



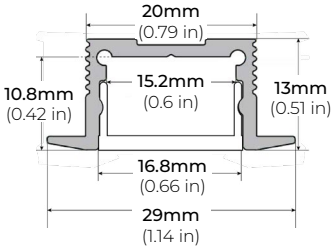
ALP-60R

LENGTHS 49.25” | 84” | 98.5”
LENS Frosted
FINISH White | Black | Silver



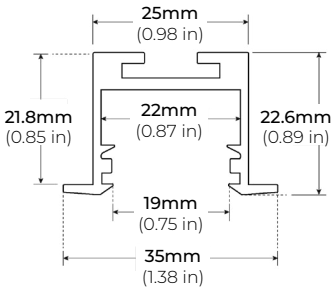
ALP-70R

LENGTHS 48” | 98”
LENS Frosted
FINISH Black | Silver



ALP-102R

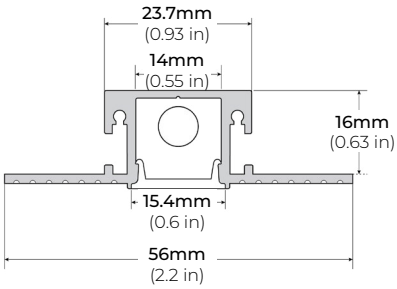
LENGTHS 49” | 98”
LENS Frosted, Black, Asymmetric, Double Asymetric
FINISH White | Black | Silver



TRIMLESS PROFILES

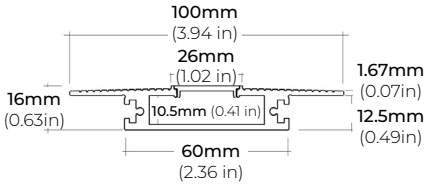
ALP-1300TL

LENGTHS 48” | 98”
LENS Clear, Frosted
FINISH White



ALP-2100TL

LENGTHS 48” | 96”
LENS Clear, Frosted
FINISH White



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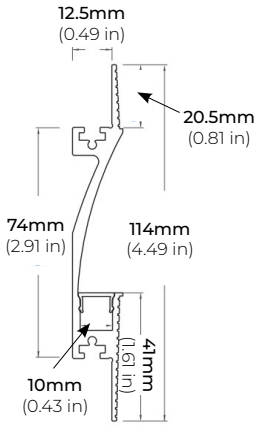
COMPATIBLE ALUMINUM PROFILES

TRIMLESS PROFILES

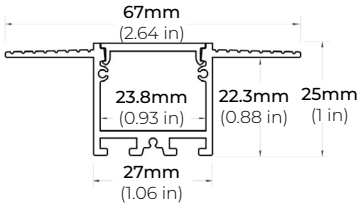
ALP-2200TL

LENGTHS 48” | 96”
LENS Frosted
FINISH White



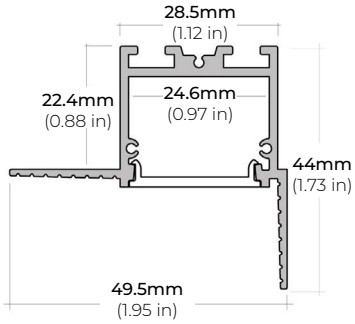
ALP-2300TL

LENGTHS 48” | 96”
LENS Frosted
FINISH White



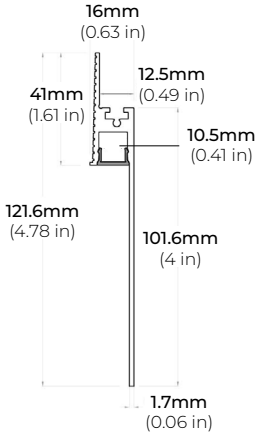
ALP-2400TL

LENGTHS 48” | 96”
LENS Clear, Frosted
FINISH White



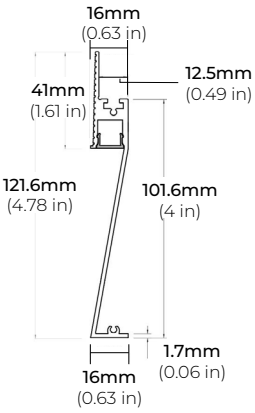
ALP-2500TL

LENGTHS 78”
LENS Clear, Frosted
FINISH White



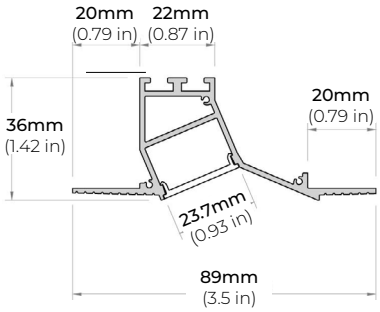
ALP-2600TL

LENGTHS 78”
LENS Frosted
FINISH White



ALP-2700TL

LENGTHS 48” | 96”
LENS Frosted
FINISH White



** For more compatible profiles, visit corelightingusa.com*

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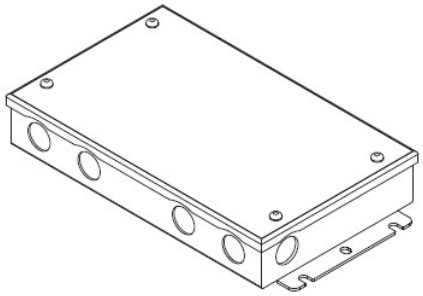
2W DESIGNER SERIES LED TAPE LIGHT

COMPATIBLE TRANSFORMERS

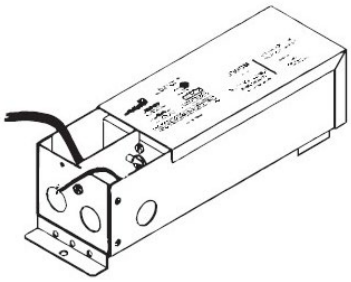
PSDL SERIES
TRIAC DIMMABLE

PSDL-30W-24V	CLASS 2	6.5” X 3.63” X 1.03”
PSDL-60W-24V	CLASS 2	7.4” X 3.63” X 1.03”
PSDL-96W-24V	CLASS 2	8.67” X 3.67 X 1.62”
PSDL-150W-24V		8.67” X 3.67” X 1.62”
PSDL-192W-24V	CLASS 2	10.25” X 4.06” X 1.82”
PSDL-200W-24V		10.25” X 4.06” X 1.82”
PSDL-288W-24V	CLASS 2	10.25” X 4.06” X 1.82”
PSDL-300W-24V		10.25” X 4.06” X 1.82”



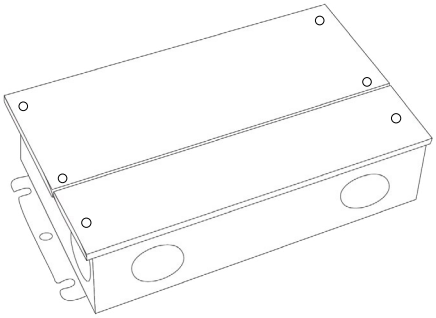
PSDH SERIES
HIGH PERMORMANCE MAGNETIC LOW VOLTAGE (MLV)

PSDH-48W-24V	CLASS 2	11.25” X 3.37” X 3.25”
PSDH-96W-24V	CLASS 2	11.25” X 3.37” X 3.25”



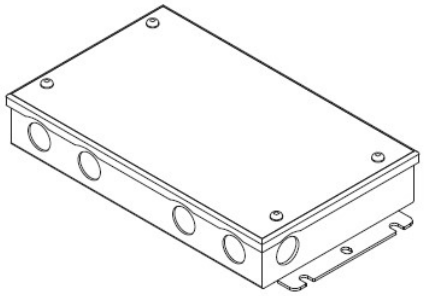
PSRX SERIES
4-IN-1 DIMMING DRIVER

PSRX-30W-24V	CLASS 2	6.5” X 3.72” X 1.57”
PSRX-60W-24V	CLASS 2	7.4” X 3.72” X 1.57”
PSRX-96W-24V	CLASS 2	8.66” X 3.72” X 1.57”
PSRX-150W-24V		10.24” X 4.13” X 1.77”
PSRX-192W-24V	CLASS 2	11" X 4" X 1.82"
PSRX-200W-24V		10.24” X 4.13” X 1.77”
PSRX-288W-24V	CLASS 2	11.85" X 4.25" X 1.82"
PSRX-300W-24V		10.94” X 4.33” X 1.77”



PSVT SERIES
0-10V DIMMING DRIVER

PSVT-60W-24V	CLASS 2	7.4” X 3.72” X 1.57”
PSVT-96W-24V	CLASS 2	8.66” X 3.72” X 1.57”
PSVT-200W-24V		10.24” X 4.13” X 1.77”
PSVT-288W-24V	CLASS 2	11.85” X 4.25” X 1.81”
PSVT-300W-24V		10.94” X 4.33” X 1.77”



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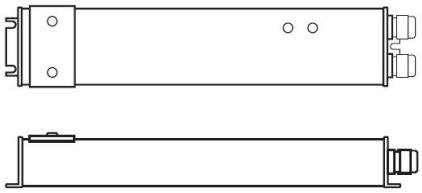
COMPATIBLE TRANSFORMERS

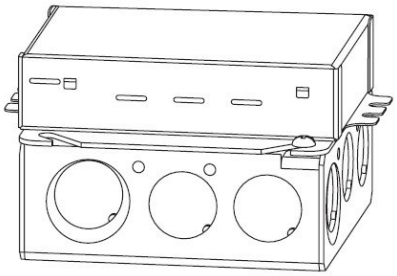
PSDE SERIES
0-10V DIMMING W/ JUNCTION BOX

PSDE-60W-24V-010-JB	CLASS 2	12.1" X 2.36" X 1.4"
PSDE-96W-24V-010-JB	CLASS 2	12.1" X 2.36" X 1.4"



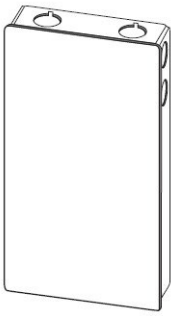
LUTRON 1%
3-WIRE DIMMING

L3DA4U1UKL-CV240	CLASS 2	4.89" X 4" X 2.62"

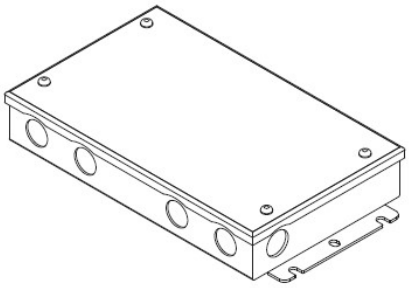


LUTRON 1%

PSDE-96W-24V-ECO	CLASS 2	10.5" X 3.0" X 2.0"



COMPATIBLE NON-DIMMING DRIVERS

PSHK SERIES
NON-DIMMING CONSTANT VOLTAGE WITH JUNCTION BOX

PSHK-30W-24V	CLASS 2	6.5" X 3.6" X 1.02"
PSHK-60W-24V	CLASS 2	7.4" X 3.62" X 1.02"
PSHK-96W-24V	CLASS 2	8.66" X 3.66" X 1.61"
PSHK-150W-24V		10.24" X 4.06" X 1.81"
PSHK-200W-24V		10.24" X 4.06" X 1.81"
PSHK-288W-24V	CLASS 2	11.85" X 4.25" X 1.82"
PSHK-300W-24V		10.24" X 4.25" X 1.81"