

# SAFIRE-50

## 5W DESIGNER SERIES LED TAPE LIGHT

Project \_\_\_\_\_

Location \_\_\_\_\_

Quote/ Ref # \_\_\_\_\_

The **SAFIRE-50** — 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	5W per Ft.
LEDS/ FT.	53 LEDs per Ft.
LUMEN OUTPUT	417 ~ 575 Lumens per Ft.
CRI	95+
COLOR TEMPERATURE	22K/ 24K/ 27K/ 30K/ 35K/ 40K/ 50K
DIMMING	MLV, ELV, 0-10V
MAXIMUM RUN LENGTH	25 Ft.
CUTTABLE	Every 1.97 in (50mm)
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 25 Ft.
- 95+ CRI
- Custom length available every 1.97 in.
- Dimmable
- UL Listed
- California TITLE 24 JA8 Compliant
- 7-Year Warranty\*

\* Only with compatible Core Lighting drivers

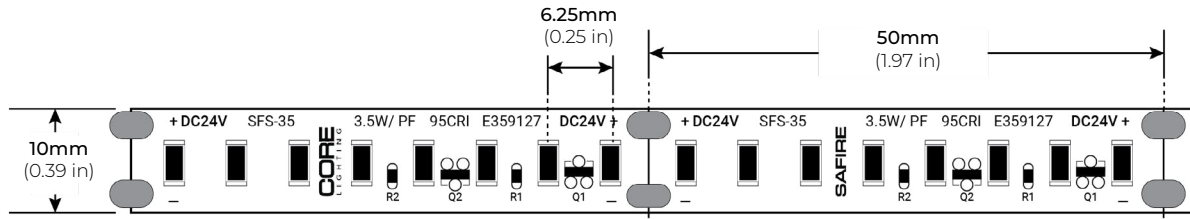


MODEL	COLOR TEMP	LED LENGTH	VOLTAGE	²PROFILE
SFS-50	<b>22K</b> 2200K	¹XX per Ft.	<b>24</b> 24V DC	²See Page 3 - 5 for compatible profiles.
	<b>24K</b> 2400K			
	<b>27K</b> 2700K			
	<b>30K</b> 3000K			
	<b>35K</b> 3500K			
	<b>40K</b> 4000K			
	<b>50K</b> 5000K			
		*1 = Custom length per FT. (cuttable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

# SAFIRE-50

## 5W DESIGNER SERIES LED TAPE LIGHT

### DIMENSIONS



### LUMENS

MODEL	WATT	CCT	Lumen/ FT	EFFICACY (lm/W)	CRI	R9	R13
SFS-50	5W	2200K	417	95	95+	85	98
		2400K	447	102	95+	91	99
		2700K	500	114	95+	94	98
		3000K	500	114	95+	95	99
		3500K	522	119	95+	94	98
		4000K	540	123	95+	92	98
		5000K	575	131	95+	96	99

# SAFIRE-50

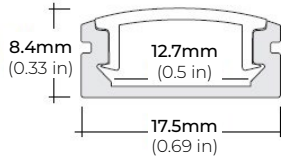
## 5W DESIGNER SERIES LED TAPE LIGHT

### COMPATIBLE ALUMINUM PROFILES

#### SURFACE PROFILES

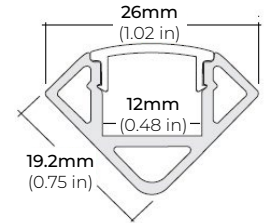
##### ALU-SF

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



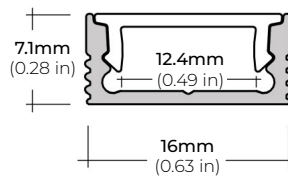
##### ALU-CN (CORNER)

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



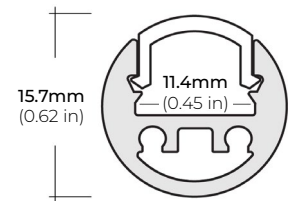
##### ALP-20

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



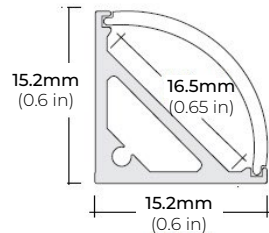
##### ALP-35

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



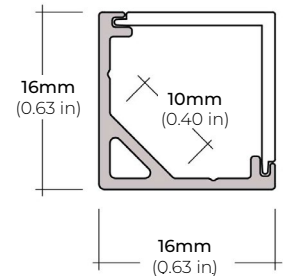
##### ALP-50C (CORNER)

LENGTHS 49" | 84" | 98.5"  
LENS Frosted  
FINISH White | Black | Silver



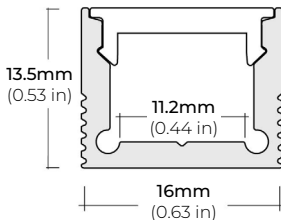
##### ALP-50K-98

LENGTHS 39 3/8" | 78 7/8" | 98.5"  
LENS Clear, Frosted  
FINISH Black | Silver



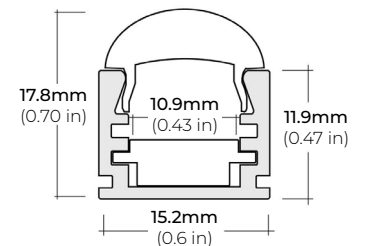
##### ALP-60

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



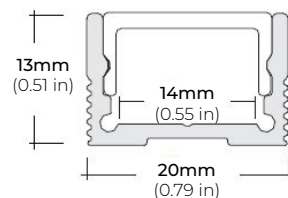
##### ALP-65

LENGTHS 48" | 96"  
LENS Frosted  
FINISH Silver



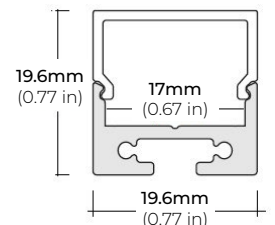
##### ALP-70

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



##### ALP-80

LENGTHS 49.25" | 98.5"  
LENS Frosted  
FINISH Silver



# SAFIRE-50

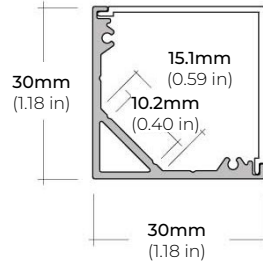
## 5W DESIGNER SERIES LED TAPE LIGHT

### COMPATIBLE ALUMINUM PROFILES

#### SURFACE PROFILES

##### ALP-100K-98 (CORNER)

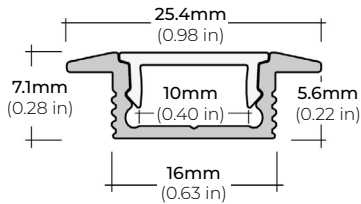
LENGTHS 98.5"  
LENS Frosted  
FINISH Silver



#### RECESSED PROFILES

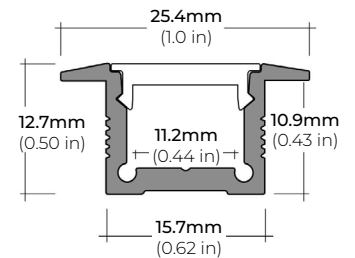
##### ALP-20R

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



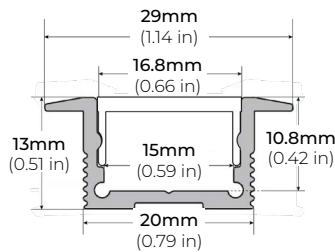
##### ALP-60R

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



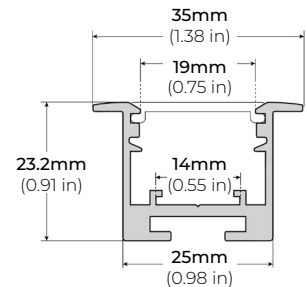
##### ALP-70R

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



##### ALP-102R

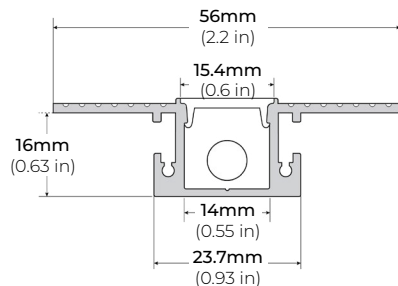
LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



#### TRIMLESS PROFILES

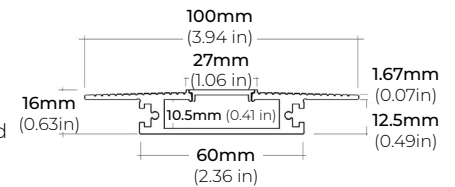
##### ALP-1300TL

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



##### ALP-2100TL

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



# SAFIRE-50

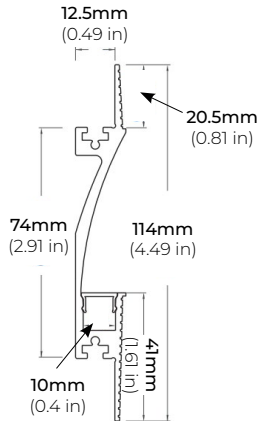
## 5W DESIGNER SERIES LED TAPE LIGHT

### COMPATIBLE ALUMINUM PROFILES

#### TRIMLESS PROFILES

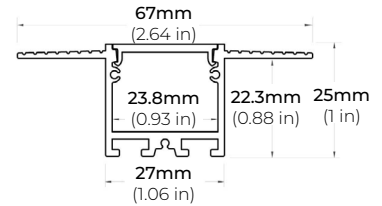
##### ALP-2200TL

LENGTHS 48" | 96"  
LENS Frosted  
FINISH White



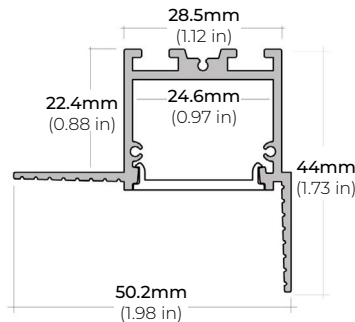
##### ALP-2300TL

LENGTHS 48" | 96"  
LENS Frosted  
FINISH White



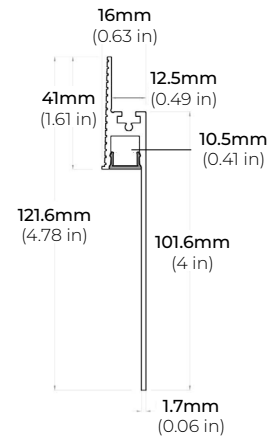
##### ALP-2400TL

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



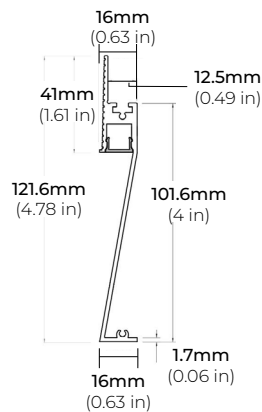
##### ALP-2500TL

LENGTHS 78"  
LENS Clear, Frosted  
FINISH White



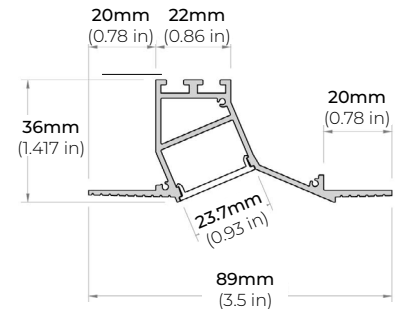
##### ALP-2600TL

LENGTHS 78"  
LENS Frosted  
FINISH White



##### ALP-2700TL

LENGTHS 48" | 96"  
LENS Frosted  
FINISH White



\* For more compatible profiles, visit [corelightingusa.com](http://corelightingusa.com)

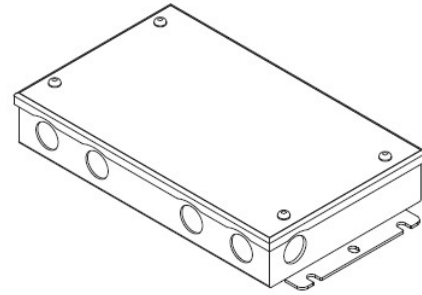
# SAFIRE-50

## 5W DESIGNER SERIES LED TAPE LIGHT

### COMPATIBLE TRANSFORMERS

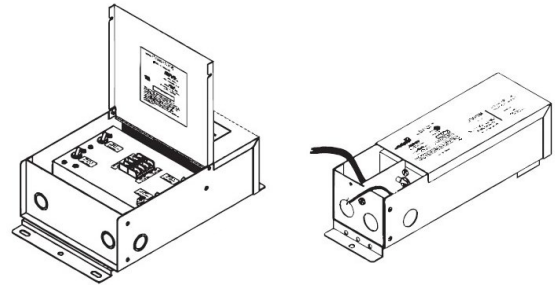
#### PSDL SERIES TRIAC DIMMABLE

PSDL-30W-24V	CLASS 2	6.5" X 3.63" X 1.58"
PSDL-60W-24V	CLASS 2	7.4" X 3.63" X 1.58"
PSDL-96W-24V	CLASS 2	8.67" X 3.67 X 1.62"
PSDL-150W-24V		10.25" X 4.06" X 1.82"
PSDL-192W-24V	CLASS 2	11" X 4" X 1.82"
PSDL-200W-24V		10.25" X 4.06" X 1.82"
PSDL-288W-24V	CLASS 2	11.85" X 4.25" X 1.82"
PSDL-300W-24V		10.25" X 4.06" X 1.82"



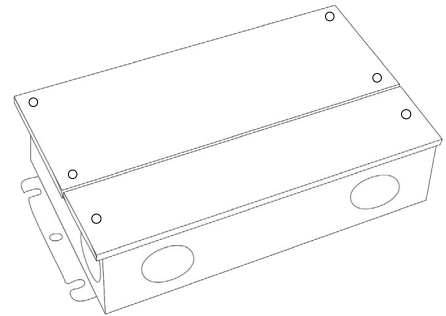
#### PSDH SERIES HIGH PERFORMANCE MAGNETIC LOW VOLTAGE (MLV)

PSDH-48W-24V	CLASS 2	11.25" X 3.38" X 3.38"
PSDH-96W-24V	CLASS 2	11.25" X 3.38" X 3.37"
PSDH-288W-24V	CLASS 2	14.25" X 8.43" X 4.43"



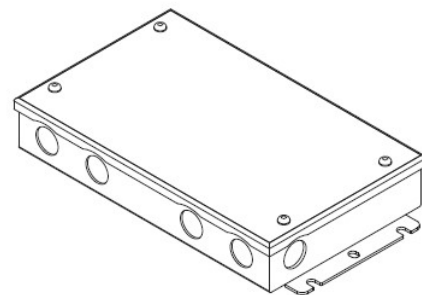
#### PSRX SERIES 4-IN-1 DIMMING DRIVER W/ JUNCTION BOX

PSRX-30W-24V-UNV	CLASS 2	6.5" X 3.7" X 1.57"
PSRX-60W-24V-UNV	CLASS 2	7.4" X 3.72" X 1.57"
PSRX-96W-24V-UNV	CLASS 2	8.66" X 3.72" X 1.57"
PSRX-150W-24V-UNV		10.24" X 4.13" X 1.77"
PSRX-200W-24V-UNV		10.24" X 4.13" X 1.77"
PSRX-300W-24V-UNV		10.94" X 4.33" X 1.77"



#### PSVT SERIES 0-10V DIMMING WITH JUNCTION BOX

PSVT-60W-24V-UNV-010	CLASS 2	7.4" X 3.72" X 1.57"
PSVT-96W-24V-UNV-010	CLASS 2	8.66" X 3.72" X 1.57"
PSVT-200W-24V-UNV-010		10.24" X 4.13" X 1.77"
PSVT-288W-24V-UNV-010	CLASS 2	11.85" X 4.25" X 1.81"
PSVT-300W-24V-UNV-010		10.94" X 4.33" X 1.77"



# SAFIRE-50

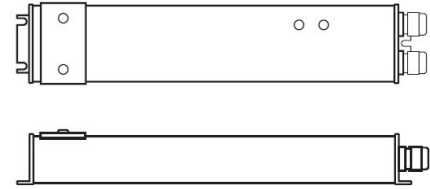
## 5W DESIGNER SERIES LED TAPE LIGHT

### COMPATIBLE TRANSFORMERS

#### PSDE SERIES

0-10V DIMMING W/ JUNCTION BOX

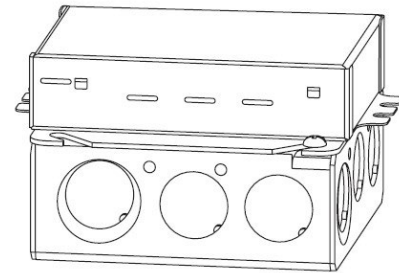
PSDE-60W-24V-010-JB	CLASS 2	12.1" X 2.36" X 1.4"
PSDE-96W-24V-010-JB	CLASS 2	12.1" X 2.36" X 1.4"



#### LUTRON 1%

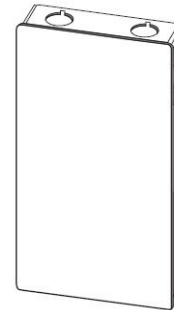
2 OR 3-WIRE DIMMING

LTEA4U1UKL-CV240	CLASS 2	4.89" X 4" X 2.62"
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"
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### 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"

