# SAFIRE-20

## 2W DESIGNER SERIES LED TAPE LIGHT

UPDATED: 11.23.26

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 7 YEAR WARRANTY

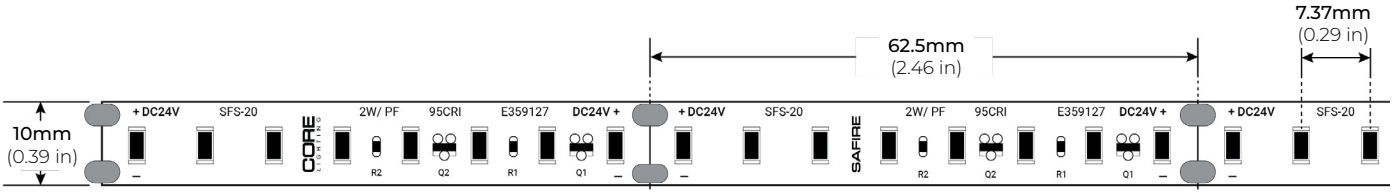
| MODEL | COLOR TEMP | LED LENGTH | VOLTAGE | [2]PROFILE |
|---|---|---|---|---|
| **SFS-20** | **22K** 2200K<br>**24K** 2400K<br>**27K** 2700K<br>**30K** 3000K<br>**35K** 3500K<br>**40K** 4000K<br>**50K** 5000K | **100** 100 Ft.<br>**[1]XX** per Ft.<br>*1 = Custom length per FT. (cuttable every 2.46") | **24** 24V DC | [2]*See Page 3 - 5 for compatible profiles.*<br>* Custom color finishes require powder coating. Allow 7 days leads time. |

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## 2W DESIGNER SERIES LED TAPE LIGHT

### 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**

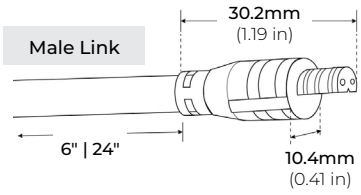
HARDWIRE LINK CONNECTOR

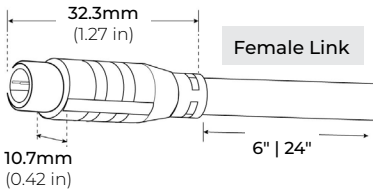
100W (MAX POWER) | 4.5A (MAX RATING)

*SOLD SEPARATELY

**CON6** 6" HARDWIRE LINK CONNECTOR

**CON24** 24" HARDWIRE LINK CONNECTOR



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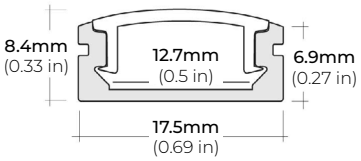
## 2W DESIGNER SERIES LED TAPE LIGHT

### COMPATIBLE ALUMINUM PROFILES

#### SURFACE PROFILES

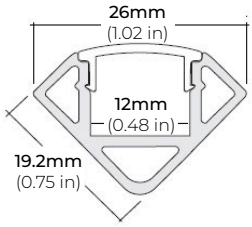
**ALU-SF**

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



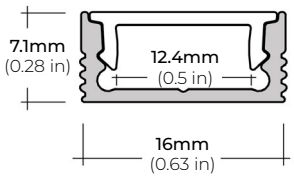

**ALU-CN** (CORNER)

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



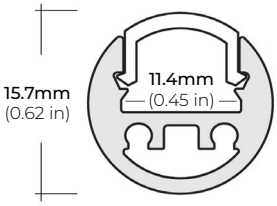

**ALP-20**

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



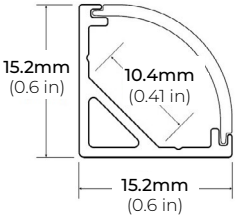

**ALP-35**

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



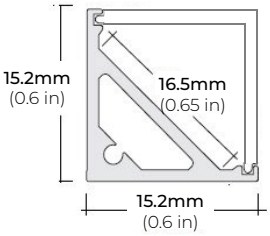

**ALP-50C-V2** (CORNER)

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



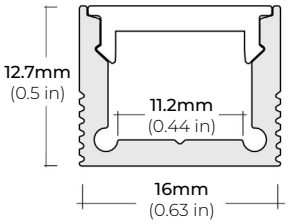

**ALP-50K-98**

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



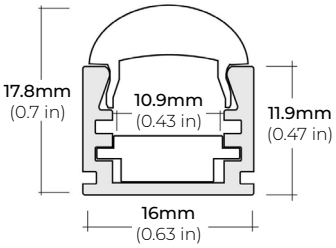

**ALP-60**

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



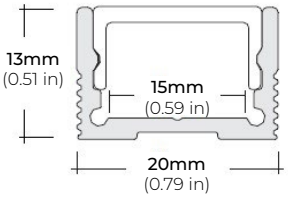

**ALP-65**

LENGTHS 48" | 96"
LENS Clear
FINISH Silver



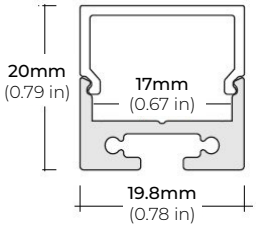

**ALP-70**

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




**ALP-80**

LENGTHS 49.25" | 98.5"
LENS Frosted
FINISH Silver



# SAFIRE-20

CORE ARCHITECTURAL LIGHTING

UPDATED: 11.23.26

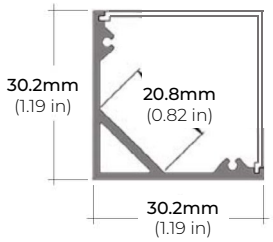
## 2W DESIGNER SERIES LED TAPE LIGHT

### COMPATIBLE ALUMINUM PROFILES

#### SURFACE PROFILES

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

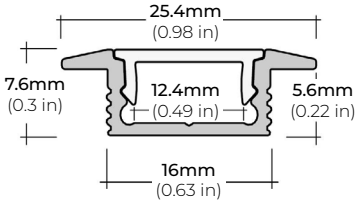
LENGTHS 98.5”
LENS Frosted
FINISH Silver




#### RECESSED PROFILES

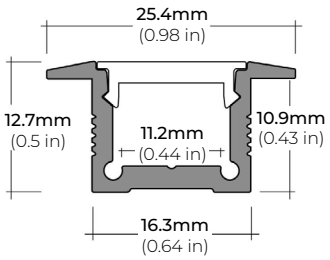
**ALP-20R**

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



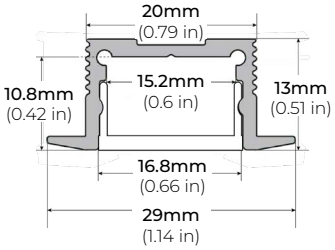

**ALP-60R**

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



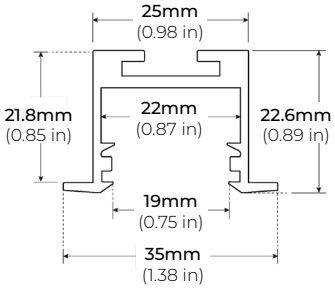

**ALP-70R**

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




**ALP-102R**

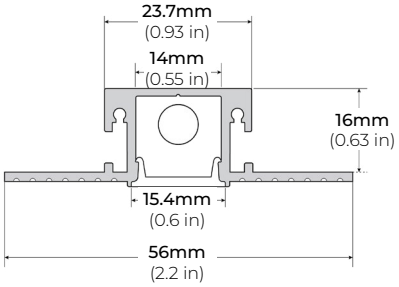
LENGTHS 49” | 98”
LENS Frosted, Black, Asymmetric, Double Asymetric
FINISH White | Black | Silver




#### TRIMLESS PROFILES

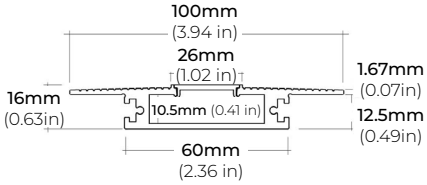
**ALP-1300TL**

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




**ALP-2100TL**

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



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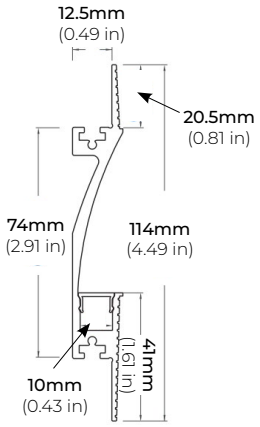
UPDATED: 11.23.26

### COMPATIBLE ALUMINUM PROFILES

TRIMLESS PROFILES

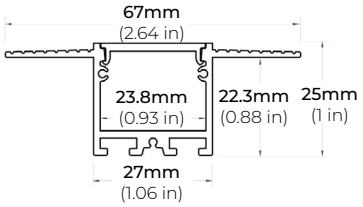
**ALP-2200TL**

LENGTHS 48” | 96”
LENS Frosted
FINISH White



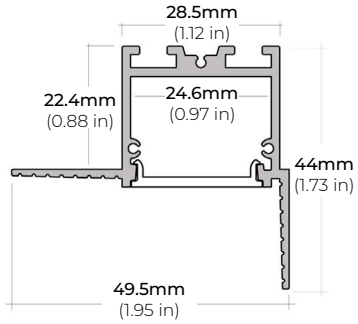

**ALP-2300TL**

LENGTHS 48” | 96”
LENS Frosted
FINISH White



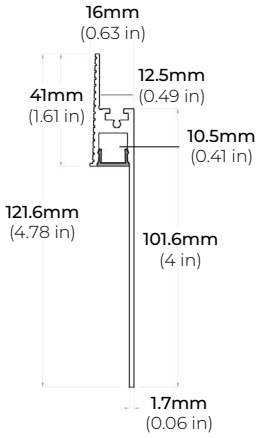

**ALP-2400TL**

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



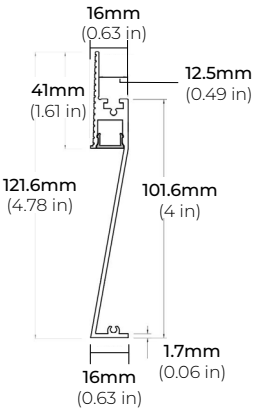

**ALP-2500TL**

LENGTHS 78”
LENS Clear, Frosted
FINISH White



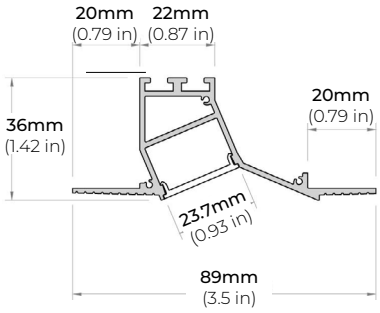

**ALP-2600TL**

LENGTHS 78”
LENS Frosted
FINISH White




**ALP-2700TL**

LENGTHS 48” | 96”
LENS Frosted
FINISH White




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

# **SAFIRE**-20

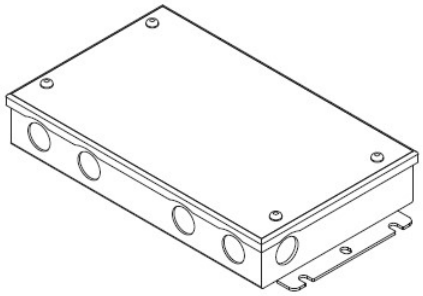
UPDATED: 11.23.26

## 2W DESIGNER SERIES LED TAPE LIGHT

### COMPATIBLE TRANSFORMERS

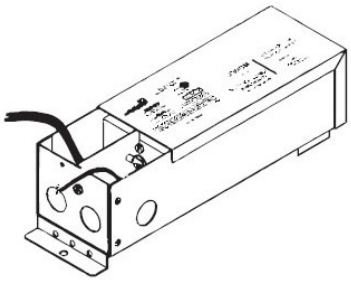
PSDL SERIES
TRIAC DIMMABLE

| | | |
|---|---|---|
| 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” |



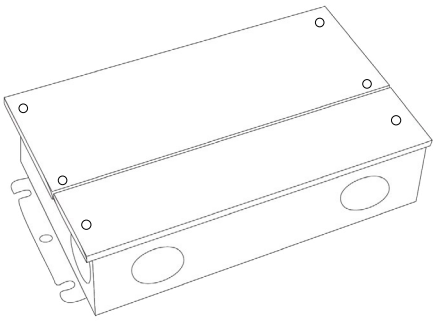
PSDH SERIES
HIGH PERMORMANCE MAGNETIC LOW VOLTAGE (MLV)

| | | |
|---|---|---|
| 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” |



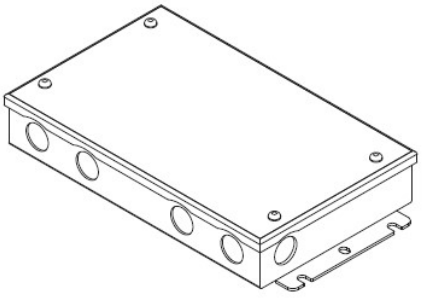
PSRX SERIES
4-IN-1 DIMMING DRIVER

| | | |
|---|---|---|
| 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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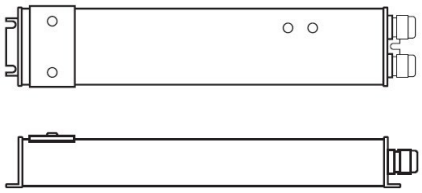
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## 2W DESIGNER SERIES LED TAPE LIGHT

### COMPATIBLE TRANSFORMERS

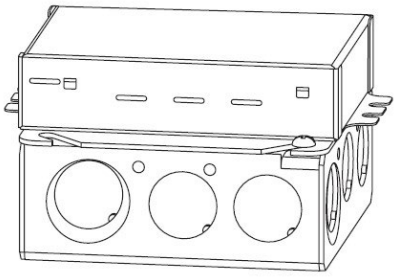
PSDE SERIES
0-10V DIMMING W/ JUNCTION BOX

| | | |
|---|---|---|
| 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%
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" |

