



# Castle [SF] Tunable White

SURFACE

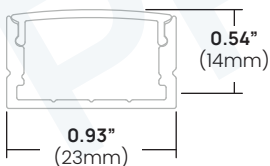


For use with Light Source.

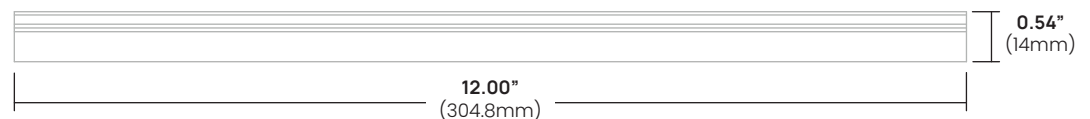
## SPECIFICATIONS

|                                |                                                                 |               |             |
|--------------------------------|-----------------------------------------------------------------|---------------|-------------|
| Output Options                 | 100lm/ft                                                        | 200lm/ft      |             |
| Fixture Wattage (White Lens)   | 4.4W (All On)                                                   | —             |             |
| Max Run Length (White Lens)    | 16.4ft                                                          | —             |             |
| Fixture Wattage (Other Lenses) | 2.2W (All On)                                                   | 4.4W (All On) |             |
| Max Run Length (Other Lenses)  | 16.4ft                                                          | 16.4ft        |             |
| Light Color (CCT)              | 1800K-3000K                                                     | 1800K-3500K   | 1800K-4000K |
| Color Rendering                | 95+ CRI, 2-Step                                                 |               |             |
| Lenses                         | White, Frosted, Clear                                           |               |             |
| Mounting                       | Clip, Pivot Clip                                                |               |             |
| Finish                         | Anodized Silver, Black, White, Custom (Provide RAL #)           |               |             |
| Input Voltage                  | 24VDC (Power Supply: 120VAC – 277VAC)                           |               |             |
| Dimming                        | PWM, DMX512, DALI, Bluetooth, 0-10V (With Tunable White Module) |               |             |
| Dimensions                     | 0.93" (23mm) × 0.54" (14mm)                                     |               |             |
| Production Interval            | 1.31" (33.3mm)                                                  |               |             |
| Operating Temperature          | -4°F (-20°C) to 140°F (60°C)                                    |               |             |

## FIXTURE DIMENSIONS



Side View



PROJECT NAME \_\_\_\_\_ FIXTURE TYPE \_\_\_\_\_ LOCATION \_\_\_\_\_



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SURFACE



| WHITE LENS DELIVERED LM/FT |       |       |       |       | FROSTED LENS DELIVERED LM/FT |       |       |       |       |
|----------------------------|-------|-------|-------|-------|------------------------------|-------|-------|-------|-------|
|                            | 1800K | 3000K | 3500K | 4000K |                              | 1800K | 3000K | 3500K | 4000K |
| 100lm/ft                   | 116   | 160   | 163   | 166   | 100lm/ft                     | 103   | 142   | 145   | 148   |
| 200lm/ft                   |       |       |       |       | 200lm/ft                     | 206   | 285   | 290   | 295   |

| CLEAR LENS DELIVERED LM/FT |       |       |       |       |
|----------------------------|-------|-------|-------|-------|
|                            | 1800K | 3000K | 3500K | 4000K |
| 100lm/ft                   | 104   | 143   | 146   | 149   |
| 200lm/ft                   | 207   | 286   | 291   | 296   |

PROJECT NAME \_\_\_\_\_ FIXTURE TYPE \_\_\_\_\_ LOCATION \_\_\_\_\_



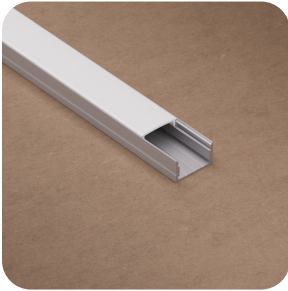
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## CASTLE [SF] TUNABLE WHITE COMPONENTS

Castle [SF] Profile



Tunable White LED Tape - High Density



PRELIMINARY

PROJECT NAME \_\_\_\_\_ FIXTURE TYPE \_\_\_\_\_ LOCATION \_\_\_\_\_



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## PART NUMBER EXAMPLE

ILL-CA01-TW - I - 1830 - 100 - WH - MC - SV - 50" - E2 - C  
+  
PS - UNIV - 24V - 100W - JBOX

## PART NUMBER BUILDER

| SERIES                                                                                                                                           | DRY/WET     | CCT                | OUTPUT         | LENS              | MOUNTING           | FINISH      |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------|----------------|-------------------|--------------------|-------------|
| ILL-CA01-TW -                                                                                                                                    | -           | -                  | -              | -                 | -                  | -           |
| ilLuminate Castle<br>[SF] Tunable White                                                                                                          | I - Indoor  | 1830 - 1800K-3000K | 100 - 100lm/ft | WH - White Lens   | MC - Mounting Clip | SV - Silver |
|                                                                                                                                                  | O - Outdoor | 1835 - 1800K-3500K | 200 - 200lm/ft | FR - Frosted Lens | PV - Pivot Clip    | BK - Black  |
|                                                                                                                                                  |             | 1840 - 1800K-4000K |                | CL - Clear Lens   |                    | WH - White  |
|                                                                                                                                                  |             |                    |                |                   |                    | CU - Custom |
| LENGTH (IN)                                                                                                                                      |             | START FEED         |                | END FEED          |                    |             |
|                                                                                                                                                  |             | DIRECTION          | LENGTH         | DIRECTION         | LENGTH             |             |
| Fixtures will be built as close to the requested length without going over based on 1.31" (33.3mm) production interval.                          |             | E - End            | Blank - Endcap | E - End           | Blank - Endcap     |             |
|                                                                                                                                                  |             | B - Back           | 2 - 2ft        | B - Back          | 2 - 2ft            |             |
| Lengths longer than 78in will consist of multiple pieces of channel and lens to be assembled in the field to create the complete fixture length. |             |                    | 5 - 5ft        | C - Endcap        | 5 - 5ft            |             |
|                                                                                                                                                  |             |                    | 10 - 10ft      |                   | 10 - 10ft          |             |
|                                                                                                                                                  |             |                    | 15 - 15ft      |                   | 15 - 15ft          |             |
|                                                                                                                                                  |             |                    | 20 - 20ft      |                   | 20 - 20ft          |             |
|                                                                                                                                                  |             |                    | 25 - 25ft      |                   | 25 - 25ft          |             |

## POWER SUPPLY

| SERIES                                                  | CONTROL                 | VOLTAGE OUTPUT | MAX WATTAGE OUTPUT | FORM                  |
|---------------------------------------------------------|-------------------------|----------------|--------------------|-----------------------|
| PS -                                                    | -                       | 24V -          | -                  | -                     |
| ilLuminate AC to DC<br>Constant Voltage Power<br>Supply | UNIV - Universal 5-in-1 | 24V - 24VDC    | 30W - 30W          | JBOX - Dry/Damp Rated |
|                                                         | DMX - DMX512 Enabled    |                | 60W - 60W          | IP66 - Wet Rated      |
|                                                         | DALI - DALI-2 Enabled   |                | 100W - 100W        |                       |
|                                                         | BLE - Bluetooth Enabled |                | 200W - 100W x 2    |                       |
|                                                         |                         |                | 300W - 100W x 3    |                       |

PROJECT NAME \_\_\_\_\_ FIXTURE TYPE \_\_\_\_\_ LOCATION \_\_\_\_\_