



## ARC PUCK - FLEX STRING 4 SPI

Outdoor Rated Profile - SPI-Pixel



### TEMPERATURES

**AMBIENT OPERATING TEMPERATURE:**  
-4°F to 122°F (-20°C to 50°C)

**FIXTURE STORAGE TEMPERATURE:**  
-40°F to 158°F (-40°C to 70°C)

### FEATURES

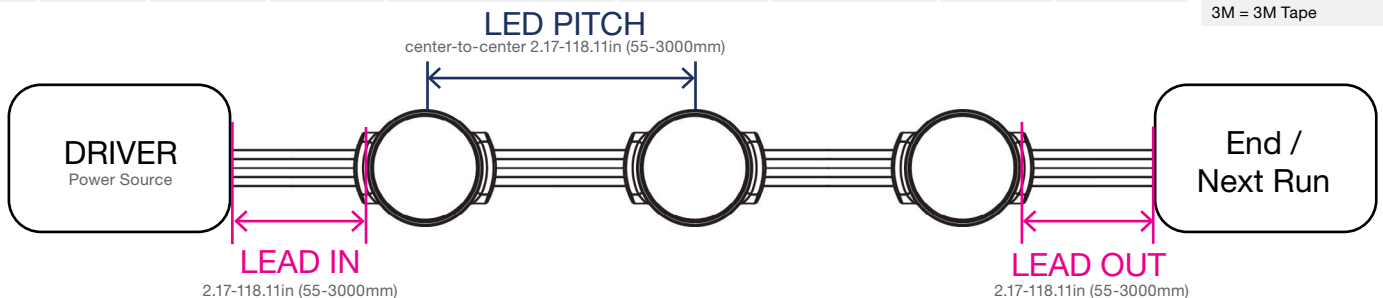
|                   |   |
|-------------------|---|
| Material          | Die-casting aluminum plus clear or frosted lens cover           |
| Viewing Angle     | 120°~180° Depending on Lens Cover                               |
| Pixel Size        | 70~350mm (manufacture to order, dot to dot, pitch:70mm minimum) |
| LED Type          | SMD LEDs  |
| LED Count         | 4pcs  |
| Power             | 1.2W/nos  |
| Connection Type   | Flexible cable  |
| Controller        | Driven by Pixel-Driver-1 (SPI to DMX)                           |
| Lumen Maintenance | 50,000 Hours L70 @ 77°F (25°C)                                  |
| Weight            | 0.11lbs (50g/nos.)  |

### CERTIFICATIONS & FEATURES



| FIXTURE TYPE |                       | OPTICS                              |  |  |   | ELECTRICAL   |             | LEAD CABLES  |                            |                            |
|--------------|-----------------------|-------------------------------------|--|--|---|--|-------------|--|----------------------------|----------------------------|
| SERIES       | PROFILE               | HOUSING MATERIAL                    | HOUSING COLOR*   | LENS COVER   | LED FUNCTION                                  | LED COLOR  | VOLTAGE     | LED PITCH (MM)**   | LEAD IN (MM)***            | LEAD OUT (MM)***           |
| A = Arc      | F4 = Flex String-4SPI | A = Die Cast Aluminum<br>X = Custom | W = White<br>B = Black<br>G = Gray<br>C = Custom<br>RAL# | CF = Clear + Flat<br>FA = Frosted + Flat-3mm<br>FB = Frosted + Flat-5mm<br>FC = Frosted + Flat-10mm<br>FS = Frosted + Dome-Small<br>FL = Frosted + Dome-Large<br>XD = Crystal + Dome | SPI = SPI-Pixel<br>SPW = SPI-Pixel-<br>RGBW/A | AM = Amber<br>18K = 1800K<br>24K = 2400K<br>27K = 2700K<br>30K = 3000K<br>35K = 3500K<br>40K = 4000K<br>60K = 6000K<br>T27 = 2700-6000K<br>T30 = 3000-6000K<br>RGB = RGB | 24 = 24V DC | 055 = 55mm<br>060 = 60mm<br>070 = 70mm<br>080 = 80mm<br>090 = 90mm<br>100 = 100mm<br>110 = 110mm<br>120 = 120mm<br>130 = 130mm<br>140 = 140mm<br>150 = 150mm<br>...<br>XXXX = Up to 3000mm | Min = 55mm<br>Max = 3000mm | Min = 55mm<br>Max = 3000mm |

| MOUNTING                       |  |
|--------------------------------|--|
| TYPE                           |  |
| CPFL = Clip Mount - Flex Lg    |  |
| UCFL = U-Channel - Flex Lg     |  |
| SAFL = Surface Mount - Flex Lg |  |
| 3M = 3M Tape                   |  |



\*The housing color can be black, white or grey color and also can be custom RAL#. \*\*Pixel Size: 55~3000mm(manufacture to order, puck to puck, pitch: 55mm minimum). \*\*\*Connection Type: Flexible cable

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## OPTICS - LED COLORS

### LED COLORS



## ELECTRICAL

### FIXTURE SPECIFICATIONS & ELECTRICAL PARAMETERS

| COLOR         | LUMEN COUNT (CLEAR + FLAT LENS COVER)*                    |
|---------------|---|
| 1800K         | 34lm  |
| 2400K         | 41lm  |
| 2700K         | 45lm  |
| 3000K         | 50lm  |
| 3500K         | 53lm  |
| 4000K         | 55lm  |
| 6000K         | 58lm  |
| 2700K ~ 6000K | 56lm at 2 colors at 100% drive current                    |
| 3000K ~ 6000K | 56lm at 2 colors at 100% drive current                    |
| RGB           | 36lm at RGB at 100% drive current                         |
| R,G,B,2700K   | 45lm at all four LEDs (R,G,B,W) at 100% drive current     |
| R,G,B,3000K   | 45lm at all four LEDs (R,G,B,W) at 100% drive current     |
| R,G,B,4000K   | 45lm at all four LEDs (R,G,B,W) at 100% drive current     |
| R,G,B,6000K   | 45lm at all four LEDs (R,G,B,W) at 100% drive current     |
| R,G,B,AMBER   | 45lm at all four LEDs (R,G,B,Amber) at 100% drive current |

\*Frosted lens cover lumen count to be reduced by ~20-25%



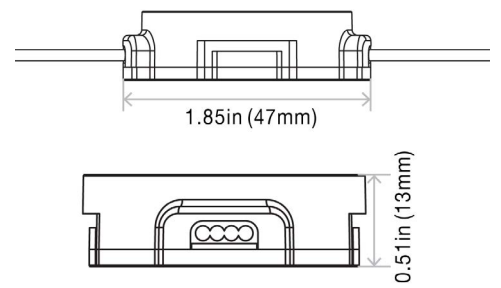
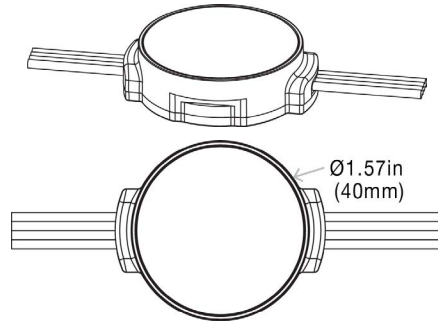
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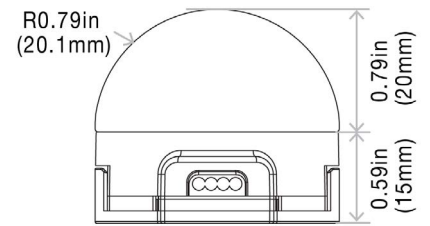
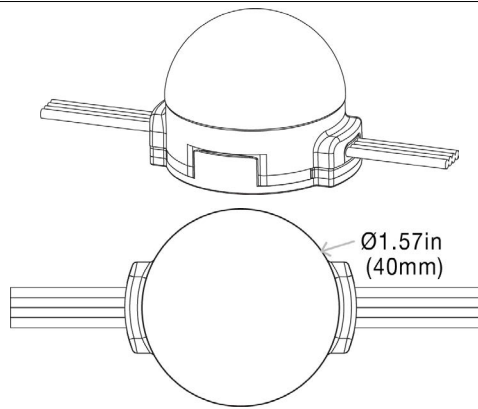


## OPTICS - LENS COVERS

### CLEAR FLAT LENS COVER DIMENSIONS



### FROSTED DOME-SMALL LENS COVER DIMENSIONS



### FROSTED DOME-LARGE LENS COVER DIMENSIONS



### FROSTED FLAT 5MM LENS COVER DIMENSIONS



### CRYSTAL DOME LENS COVER DIMENSIONS



### FROSTED FLAT 3MM LENS COVER



### FROSTED FLAT 10MM LENS COVER



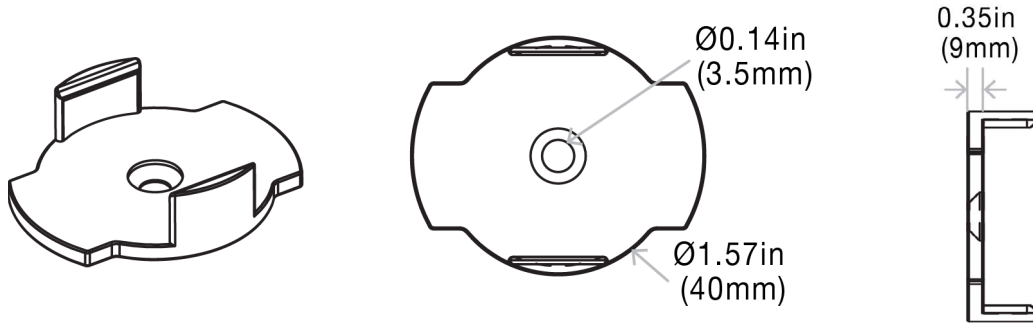
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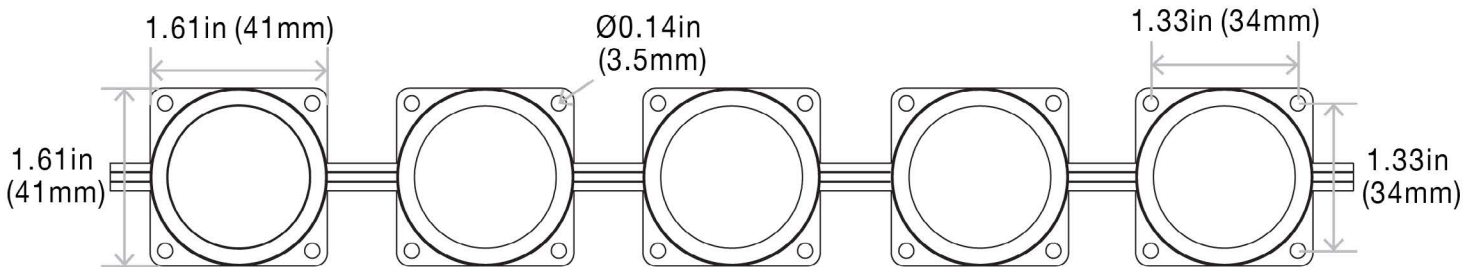


## MOUNTING

### CLIP MOUNT - FLEX STRING LARGE DIMENSIONS: CPFL



### SURFACE MOUNT - FLEX STRING LARGE DIMENSIONS: SAFL



### U-CHANNEL MOUNT - FLEX STRING LARGE DIMENSIONS: UCFL

