



ARC PUCK - FLEX STRING 9 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 | 9pcs |
| Power | 3W/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

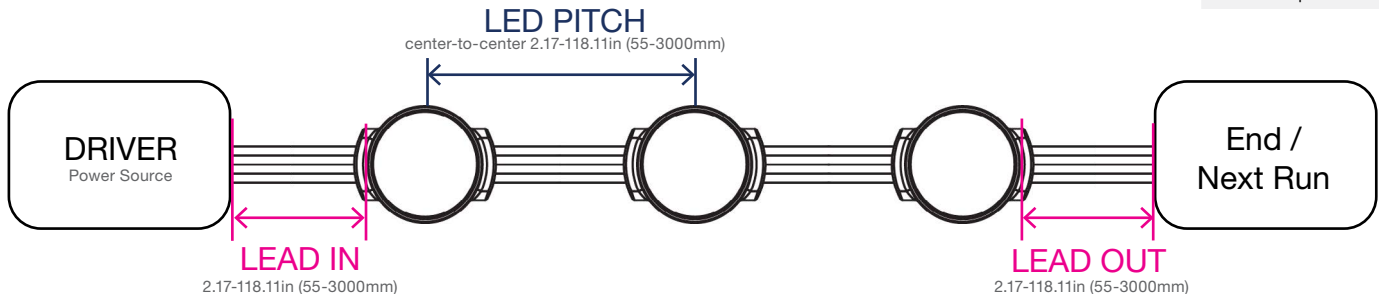


| FIXTURE TYPE | | | | OPTICS | | | ELECTRICAL | | LEAD CABLES | |
|--------------|-----------------------|-------------------------------------|--|--|---|--|-------------|--|----------------------------|----------------------------|
| SERIES | PROFILE | HOUSING MATERIAL | HOUSING COLOR* | LENS COVER | LED FUNCTION | LED COLOR | VOLTAGE | LED PITCH (MM)** | LEAD IN (MM)*** | LEAD OUT (MM)*** |
| A = Arc | F9 = Flex String-9SPI | A = Die Cast Aluminum X = Custom | W = White B = Black G = Gray C = Custom RAL# | CF = Clear + Flat FA = Frosted + Flat-3mm FB = Frosted + Flat-5mm FC = Frosted + Flat-10mm FS = Frosted + Dome-Small FL = Frosted + Dome-Large XD = Crystal + Dome | SPI = SPI-Pixel SPW = SPI-Pixel- RGBW/A | AM = Amber 18K = 1800K 24K = 2400K 27K = 2700K 30K = 3000K 35K = 3500K 40K = 4000K 60K = 6000K T27 = 2700-6000K T30 = 3000-6000K RGB = RGB | 24 = 24V DC | 055 = 55mm 060 = 60mm 070 = 70mm 080 = 80mm 090 = 90mm 100 = 100mm 110 = 110mm 120 = 120mm 130 = 130mm 140 = 140mm 150 = 150mm ... XXXX = Up to 3000mm | Min = 55mm Max = 3000mm | Min = 55mm 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

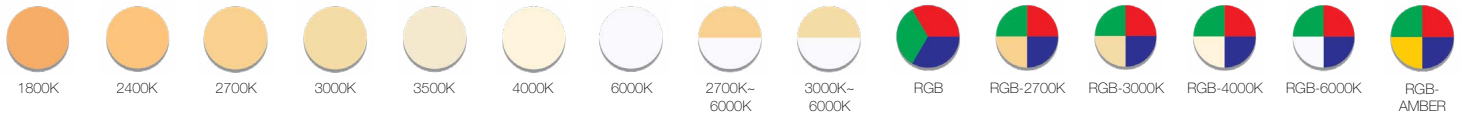
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OPTICS - LED COLORS

LED COLORS



ELECTRICAL

FIXTURE SPECIFICATIONS & ELECTRICAL PARAMETERS

| COLOR | LUMEN COUNT (CLEAR + FLAT LENS COVER)* |
|---------------|--|
| 1800K | 118lm |
| 2400K | 121lm |
| 2700K | 127lm |
| 3000K | 130lm |
| 3500K | 136lm |
| 4000K | 139lm |
| 6000K | 145lm |
| 2700K ~ 6000K | 135lm at 2 colors at 100% drive current |
| 3000K ~ 6000K | 135lm at 2 colors at 100% drive current |
| RGB | 84lm at RGB at 100% drive current |
| R,G,B,2700K | 108lm at all four LEDs (R,G,B,W) at 100% drive current |
| R,G,B,3000K | 108lm at all four LEDs (R,G,B,W) at 100% drive current |
| R,G,B,4000K | 108lm at all four LEDs (R,G,B,W) at 100% drive current |
| R,G,B,6000K | 108lm at all four LEDs (R,G,B,W) at 100% drive current |
| R,G,B,AMBER | 108lm at all four LEDs (R,G,B,Amber) at 100% drive current |

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



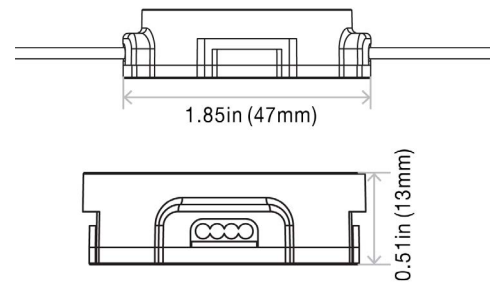
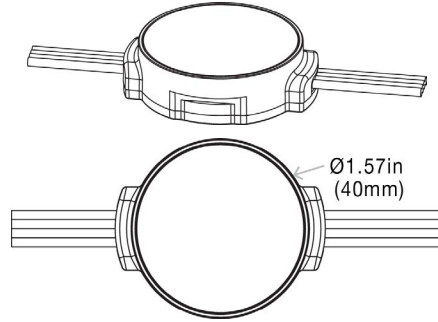
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Outdoor Rated Profile - SPI-Pixel

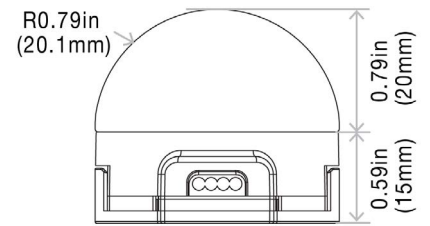
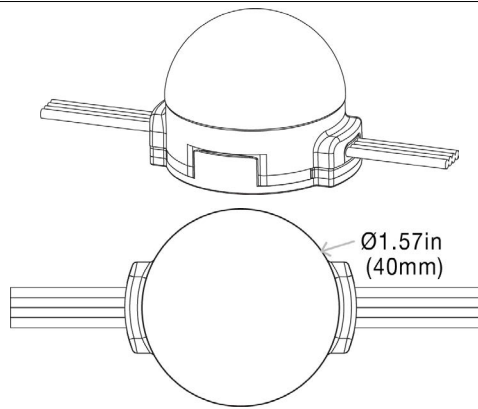


OPTICS - LENS COVERS

CLEAR FLAT LENS COVER DIMENSIONS



FROSTED DOME-SMALL LENS COVER DIMENSIONS



FROSTED DOME-LARGE LENS COVER DIMENSIONS



FROSTED FLAT 3MM LENS COVER



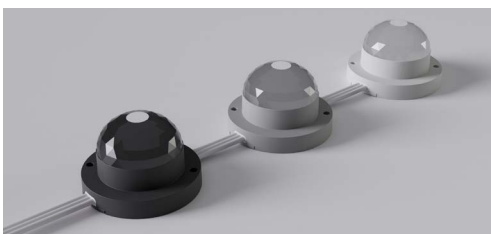
FROSTED FLAT 5MM LENS COVER DIMENSIONS



FROSTED FLAT 10MM LENS COVER



CRYSTAL DOME LENS COVER DIMENSIONS



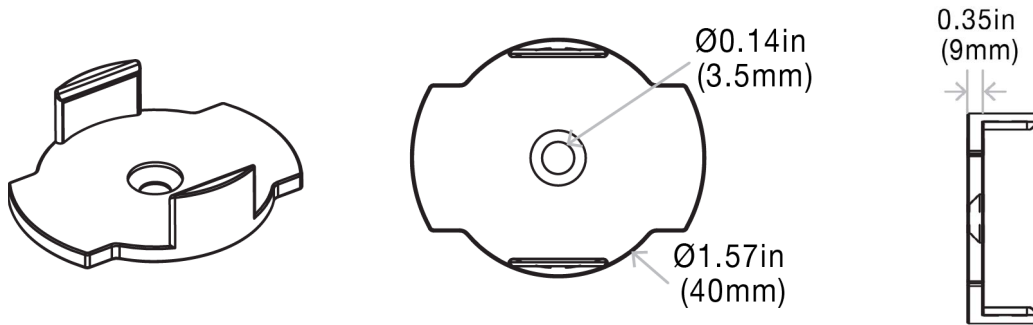
ARC - FLEX STRING 6 SPI

Outdoor Rated Profile - SPI-Pixel

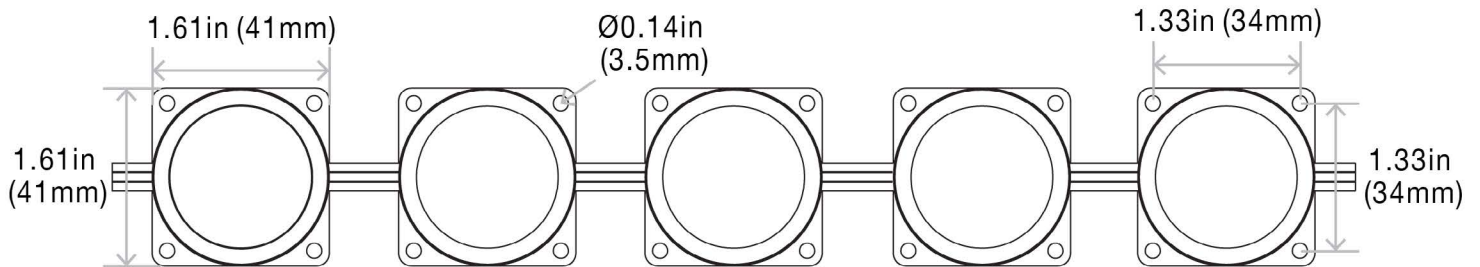


MOUNTING

CLIP MOUNT - FLEX STRING LARGE DIMENSIONS: CPFL



SURFACE MOUNT - FLEX STRING LARGE DIMENSIONS: SUFL



U-CHANNEL MOUNT - FLEX STRING LARGE DIMENSIONS: UCFL

