

PIXEL DMX SERIES



PIXEL

Equipped with the UCS512C4 control IC, this lighting system supports the international DMX512 (1990) standard protocol, ensuring strong anti-interference performance and long-distance signal transmission. Through DMX512 control, users can easily achieve a wide range of dynamic lighting effects, including colour changes, gradients, chases, pulsations and animations. These effects can be custom-programmed and synchronised, delivering captivating visual displays ideal for architectural, stage and decorative lighting applications.



Omni Via



PIXEL DMX SERIES RGB 60

5050-12MM

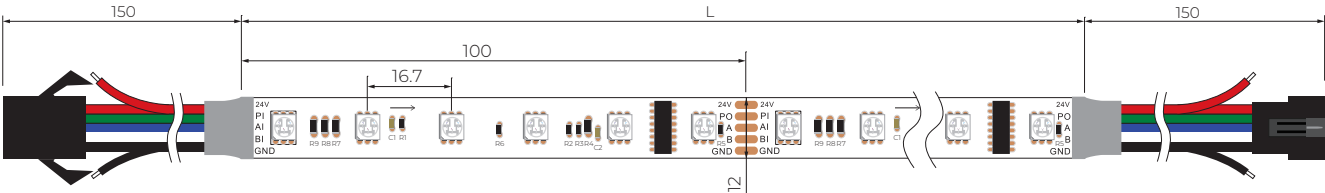
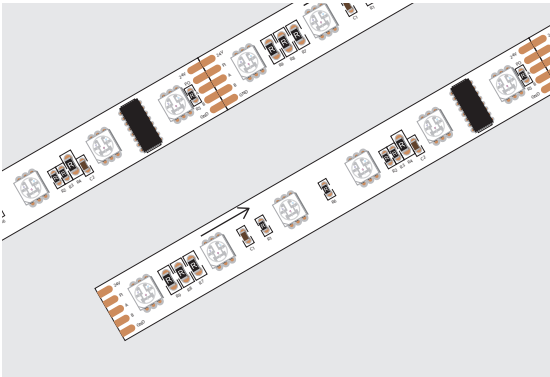
DMX control by IC UCS512C4.

Small cuttable lengths to support widely customisable lengths for precise site installation.

To realise colour-changing effects, gradients, chases, pulsating patterns and animations. These effects can be easily programmed and synchronised for captivating visual displays.



Dimensions



Technical Data

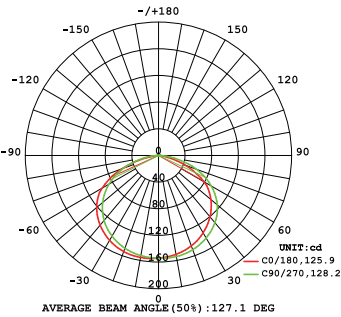
| | |
|---------------------|--------------|
| Input voltage | DC24V |
| Pixels/m | 10 |
| IC Model | UCS512C4 |
| Beam angle | 120° |
| LED Chips/m | 60LEDs |
| LONG-life LED | 30000h |
| Working temperture | -25 C ~+45 C |
| Cuttable length(mm) | 100 |
| PCB Width(mm) | 12 |

Digital
DMX512

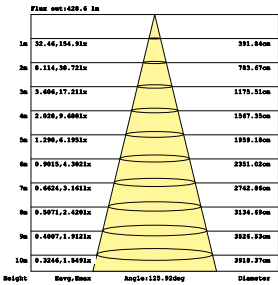
Voltage
24v DC

Consistency
One Bin

Warranty
3 Years



Light Distribution Curve



Effective Average Illuminance

| CCT (K) | Power (W/M) | Lumen (LM/M) | Max.run length(M) | CV/CC |
|---------|-------------|--------------|-------------------|-------|
| R | 6 | 111.6 | 5 | CV |
| G | 6 | 369 | 5 | CV |
| B | 6 | 63.6 | 5 | CV |
| RGB | 14 | 524.6 | 5 | CV |

*CV: Constant Voltage, CC: Constant Current.

PIXEL DMX SERIES RGBW 60

5050-12MM

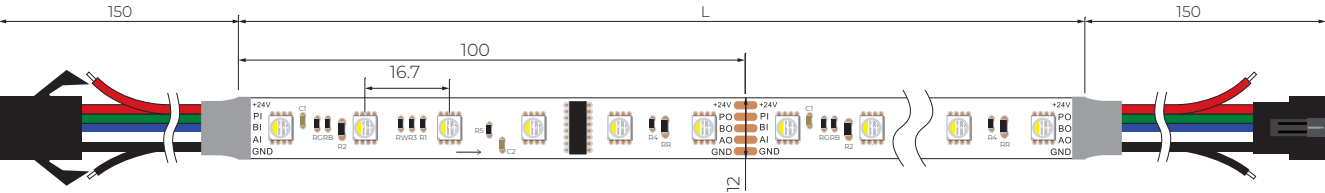
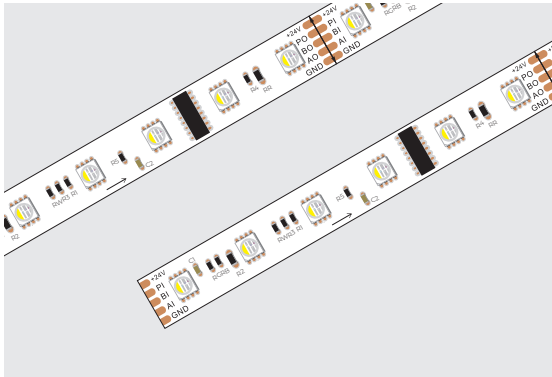
DMX control by IC UCS512C4.

Small cuttable lengths to support widely customisable lengths for precise site installation.

To realise colour-changing effects, gradients, chases, pulsating patterns and animations. These effects can be easily programmed and synchronised for captivating visual displays.



Dimensions



Technical Data

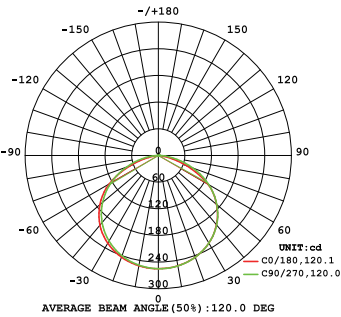
| | |
|---------------------|--------------|
| Input voltage | DC24V |
| CRI(Ra) | >90 |
| Pixels/m | 10 |
| IC Model | UCS512C4 |
| Beam angle | 120° |
| LED Chips/m | 60LEDs |
| LONG-life LED | 30000h |
| Working temperture | -25 C ~+45 C |
| Cuttable length(mm) | 100 |
| PCB Width(mm) | 12 |

Digital
DMX512

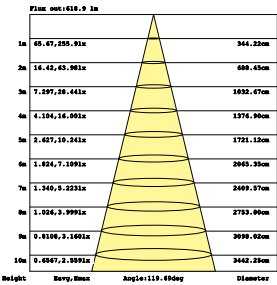
Voltage
24v DC

Consistency
One Bin

Warranty
3 Years



Light Distribution Curve



Effective Average Illuminance

| CCT (K) | Power (W/M) | Lumen (LM/M) | Max.run length(M) | CV/CC |
|---------|-------------|--------------|-------------------|-------|
| R | 6 | 114.6 | 5 | CV |
| G | 6 | 270.6 | 5 | CV |
| B | 6 | 75 | 5 | CV |
| 4000K | 6 | 366 | 5 | CV |
| RGBW | 18.5 | 815.9 | 5 | CV |

*CV: Constant Voltage, CC: Constant Current.