



Item No. URSULA-12x20-(wattage)-24V-(CCT)

CIP-2835-N-P-12x20mm-5/10/15w-120-24-W/R/G/B/A/P  
 4040 5/10/15w 96 RGB  
 5060 5/10/15w 96 RGBW

- Color Option
- LED Qty
- Power Option
- LED Type

### Description

Simply divide into two categories - horizontal & vertical bending

40mm-300mm bending radius. R/G/B/W/ multiple color

and digital colors. Standard 24VDC, 12VDC option. The material

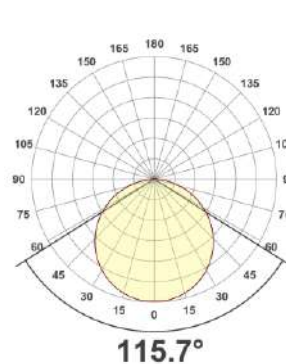
of housing and body are made by silicone material which is special

designed used in harsh environment. Various shapes (flat, dome or

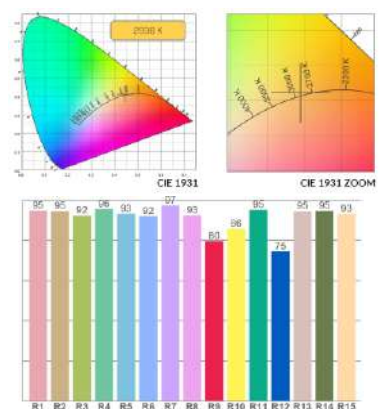
rounded surfaces) are available in this series, and they are also

waterproof (Ip67), ideal for lighting up interior and exterior.

### Beam angle



### Colour details



CIP-2835NP-12x20mm10W-12024-30K

# LIGHT COLOR MODE



Red



Green



Blue



Amber



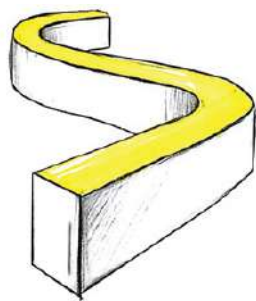
tunable  
White



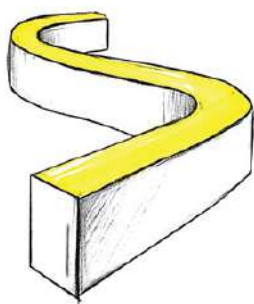
RGB+W



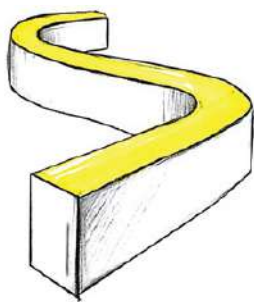
RGB



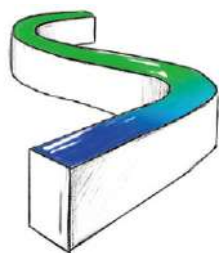
| Model:           | USULA-2835NP-12x2-5W-12024-R/G/B/W | Color & Output  |
|------------------|------------------------------------|-----------------|
| Input voltage:   | DC24V                              | ● 2100K 131LMM  |
| Power/m:         | 5W                                 | ● 2400K 150LM/M |
| LED Type:        | EPISTAR SMD2835                    | ● 2700K 152LM/M |
| LED Qty / meter: | 120LEDs                            | ● 3000K 156LM/M |
| Working Mode:    | PWM CV/CC                          | ● 3500K 176LM/M |
| Max Length:      | CV 10m; CC 27m                     | ● 4000K 171LM/M |
| Cut Length:      | 50mm                               | ● 5000K 170LM/M |
|                  |                                    | ● 6000K 168LM/M |
|                  |                                    | ● Red 73LM/M    |
|                  |                                    | ● Green 198LM/M |
|                  |                                    | ● Blue 35LM/M   |
|                  |                                    | ● Amber 15LM/M  |
|                  |                                    | ● Pink 75LM/M   |



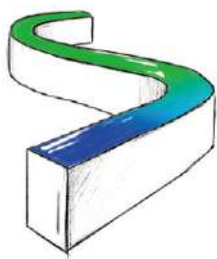
| Model: URSULA-2835NP-12x20-10W-12024-R/G/B/W/A/P |                 | Color & Output                                                                         |
|--------------------------------------------------|-----------------|----------------------------------------------------------------------------------------|
| Input voltage:                                   | DC24V           | <ul style="list-style-type: none"> <li>2100K 285LM/M</li> <li>2400K 293LM/M</li> </ul> |
| Power/m:                                         | 10W             | <ul style="list-style-type: none"> <li>2700K 303LM/M</li> <li>3000K 307LM/M</li> </ul> |
| LED Type:                                        | EPISTAR SMD2835 | <ul style="list-style-type: none"> <li>3500K 345LM/M</li> <li>4000K 335LM/M</li> </ul> |
| LED Qty / meter:                                 | 120LEDs         | <ul style="list-style-type: none"> <li>5000K 330LM/M</li> <li>6000K 328LM/M</li> </ul> |
| Working Mode:                                    | PWM CV/CC       | <ul style="list-style-type: none"> <li>Red 155LM/M</li> <li>Green 372LM/M</li> </ul>   |
| Max Length:                                      | CV 10m; CC 17m  | <ul style="list-style-type: none"> <li>Blue 70LM/M</li> <li>Amber 30LM/M</li> </ul>    |
| Cut Length:                                      | 50mm            | <ul style="list-style-type: none"> <li>Pink 148LM/M</li> </ul>                         |



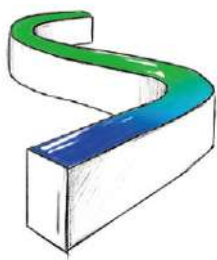
| Model: URSULA-2835NP-12x20-15W-12024-R/G/B/W/A/P |                 | Color & Output                                                                         |
|--------------------------------------------------|-----------------|----------------------------------------------------------------------------------------|
| Input voltage:                                   | DC24V           | <ul style="list-style-type: none"> <li>2100K 360LM/M</li> <li>2400K 410LM/M</li> </ul> |
| Power/m:                                         | 15W             | <ul style="list-style-type: none"> <li>2700K 430LM/M</li> <li>3000K 432LM/M</li> </ul> |
| LED Type:                                        | EPISTAR SMD2835 | <ul style="list-style-type: none"> <li>3500K 475LM/M</li> <li>4000K 470LM/M</li> </ul> |
| LED Qty / meter:                                 | 120LEDs         | <ul style="list-style-type: none"> <li>5000K 461LM/M</li> <li>6000K 465LM/M</li> </ul> |
| Working Mode:                                    | PWM CV/CC       | <ul style="list-style-type: none"> <li>Red 204LM/M</li> <li>Green 473LM/M</li> </ul>   |
| Max Length:                                      | CV 10m; CC 14m  | <ul style="list-style-type: none"> <li>Blue 93LM/M</li> <li>Amber 40LM/M</li> </ul>    |
| Cut Length:                                      | 50mm            | <ul style="list-style-type: none"> <li>Pink 199LM/M</li> </ul>                         |



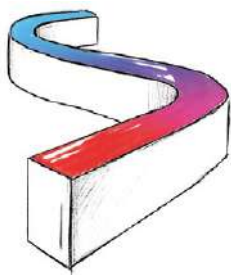
| Model: URSULA-4040NP-12x20-5W-9624-RGB |         | Color & Output                                                 |
|----------------------------------------|---------|----------------------------------------------------------------|
| Input voltage:                         | DC24V   | <ul style="list-style-type: none"> <li>RGB 26.5LM/M</li> </ul> |
| Power/m:                               | 5W      | <ul style="list-style-type: none"> <li>RGB 75.3LM/M</li> </ul> |
| LED Type:                              | SMD4040 | <ul style="list-style-type: none"> <li>RGB 15.6LM/M</li> </ul> |
| LED Qty / meter:                       | 96LEDs  | <ul style="list-style-type: none"> <li>RGB 86.1LM/M</li> </ul> |
| Working Mode:                          | PWM     |                                                                |
| Max Length:                            | CV 5m   |                                                                |
| Cut Length:                            | 62.5mm  |                                                                |



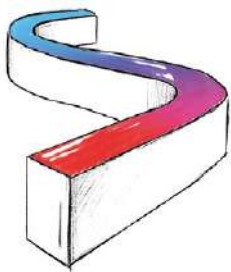
|                  |                                  |                                                                                                   |
|------------------|----------------------------------|---------------------------------------------------------------------------------------------------|
| Model:           | URSULA-4040NP-12x20-10W-9624-RGB | Color & Output                                                                                    |
| Input voltage:   | DC24V                            |  RGB 35.8LM/M  |
| Power/m:         | 10W                              |  RGB 107.2LM/M |
| LED Type:        | SMD4040                          |  RGB 22.1LM/M  |
| LED Qty / meter: | 96LEDs                           |  RGB 160.2LM/M |
| Working Mode:    | PWM                              |                                                                                                   |
| Max Length:      | CV 5m                            |                                                                                                   |
| Cut Length:      | 62.5mm                           |                                                                                                   |



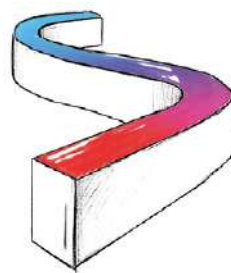
|                  |                                  |                                                                                                   |
|------------------|----------------------------------|---------------------------------------------------------------------------------------------------|
| Model:           | URSULA-4040NP-12x20-15W-9624-RGB | Color & Output                                                                                    |
| Input voltage:   | DC24V                            |  RGB 50LM/M    |
| Power/m:         | 15W                              |  RGB 120.8LM/M |
| LED Type:        | SMD4040                          |  RGB 25LM/M   |
| LED Qty / meter: | 96LEDs                           |  RGB 230LM   |
| Working Mode:    | PWM                              |                                                                                                   |
| Max Length:      | CV 5m                            |                                                                                                   |
| Cut Length:      | 62.5mm                           |                                                                                                   |



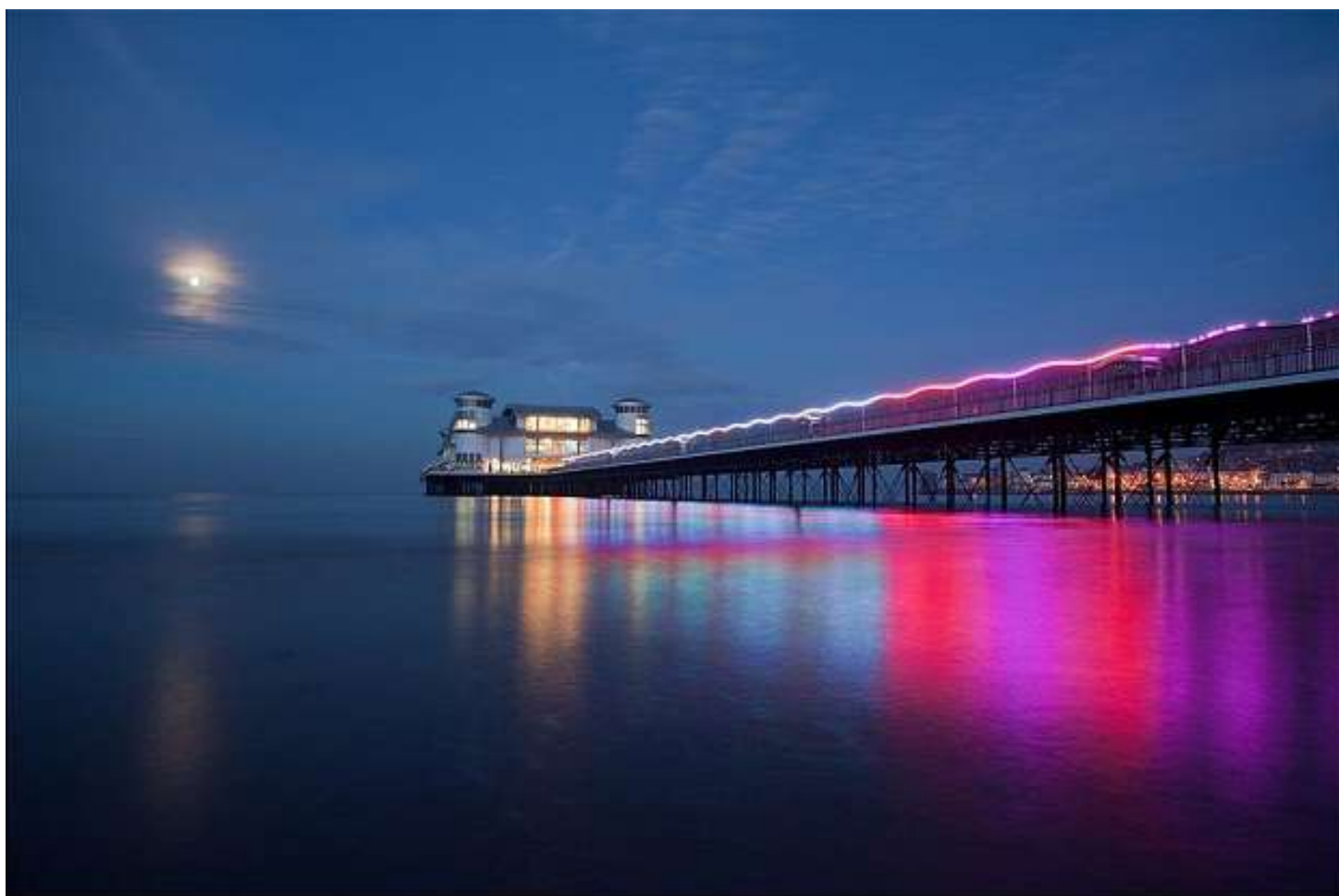
|                  |                                  |                                                                                                  |
|------------------|----------------------------------|--------------------------------------------------------------------------------------------------|
| Model:           | URSULA-5060NP-12x20-5W-9624-RGBW | Color & Output                                                                                   |
| Input voltage:   | DC24V                            |  RGB 18LM/M   |
| Power/m:         | 5W                               |  RGB 75LM/M   |
| LED Type:        | SMD5060                          |  RGB 18LM/M   |
| LED Qty / meter: | 96LEDs                           |  RGBW 74LM/M  |
| Working Mode:    | PWM                              |  RGBW 190LM/M |
| Max Length:      | CV 5m                            |                                                                                                  |
| Cut Length:      | 62.5mm                           |                                                                                                  |



|                  |                                   |                                                                                                    |
|------------------|-----------------------------------|----------------------------------------------------------------------------------------------------|
| Model:           | URSULA-5060NP-12x20-10W-9624-RGBW | Color & Output                                                                                     |
| Input voltage:   | DC24V                             |  RGB 32LM/M     |
| Power/m:         | 10W                               |  RGB 143LM/M    |
| LED Type:        | SMD5060                           |  RGB 34LM/M    |
| LED Qty / meter: | 96LEDs                            |  RGBW 158LM/M |
| Working Mode:    | PWM                               |  RGBW 366LM/M |
| Max Length:      | CV 5m                             |                                                                                                    |
| Cut Length:      | 62.5mm                            |                                                                                                    |



|                  |                                   |                                                                                                    |
|------------------|-----------------------------------|----------------------------------------------------------------------------------------------------|
| Model:           | URSULA-5060NP-12x20-15W-9624-RGBW | Color & Output                                                                                     |
| Input voltage:   | DC24V                             |  RGB 53LM/M   |
| Power/m:         | 15W                               |  RGB 166LM/M  |
| LED Type:        | SMD5060                           |  RGB 45LM/M   |
| LED Qty / meter: | 96LEDs                            |  RGBW 210LM/M |
| Working Mode:    | PWM                               |  RGBW 496LM/M |
| Max Length:      | CV 5m                             |                                                                                                    |
| Cut Length:      | 62.5mm                            |                                                                                                    |



## ACCESSORIES (CONNECTORS)



Front cable enter

Side cable enter

Bottom cable enter

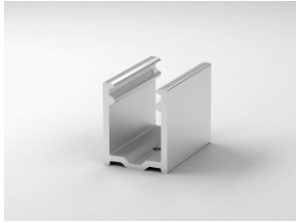
12x20-F

12x20-S

12x20-B

---

# PROFILES (FIXTURES)



Stainless steel clips  
20x12.7x18.7mm

**12x20-SS**



Aluminum profile  
1000x14.4x21.4mm

**12x20-AL**



Flexible profile

**12x20-FLEX (MOQ)**



Suspension wire

**12x20-SUS**



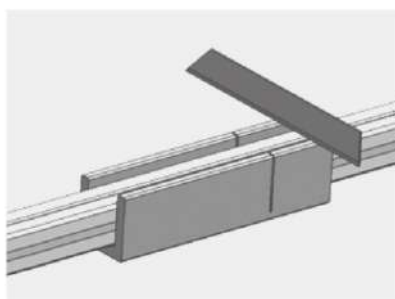
---

## END CAP

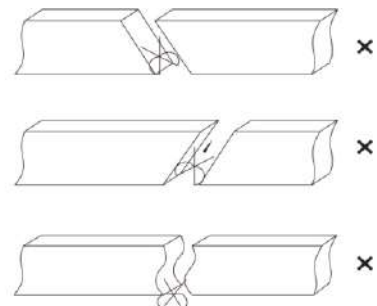
**12x20-EC**



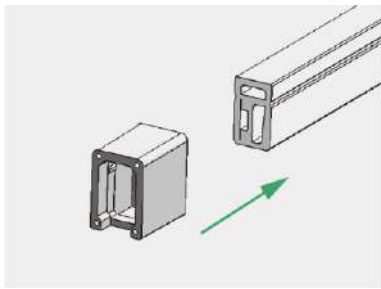
The bottom of LED strip has transparent window, the black marker is the cutting position



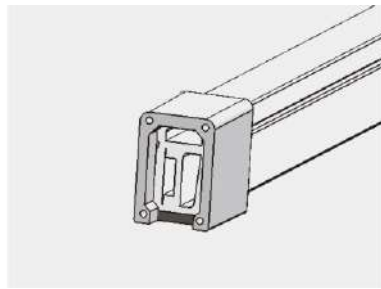
Use a cutting jig, vertical cutting precisely in the exact cutting position of led strip



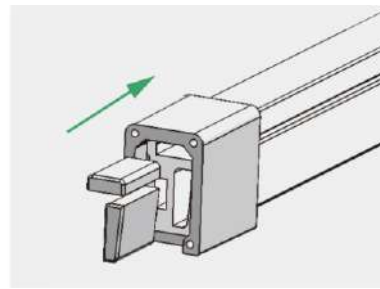
Please don't be free to cut and cut into an oblique angle or cambered section



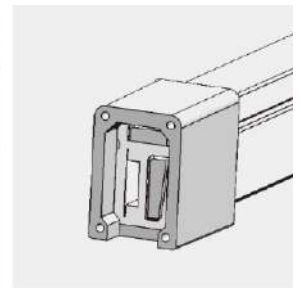
Insert the shell into the strip, insert into the limit



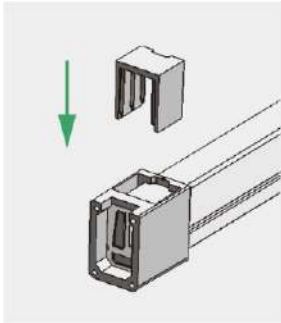
Its window is at the bottom of the LED strip



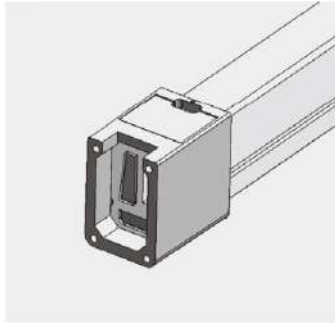
Stuff the plug into the holes corresponding of led strip



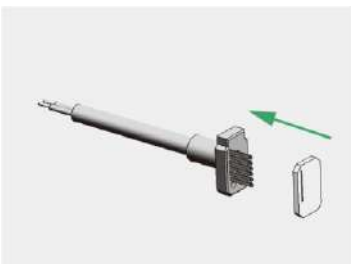
Effect diagram of the finished assembly



Insert the stopper into the PC shell



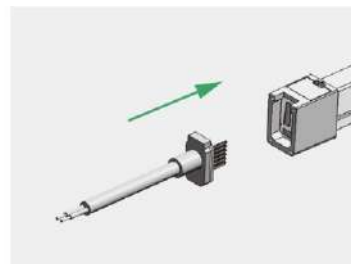
Effect diagram of the stopper assembly completed



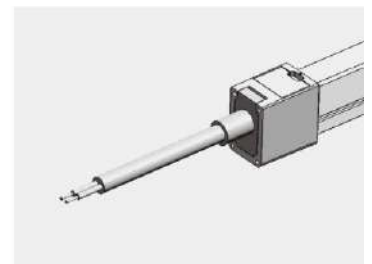
Put the water proof washer into the plug



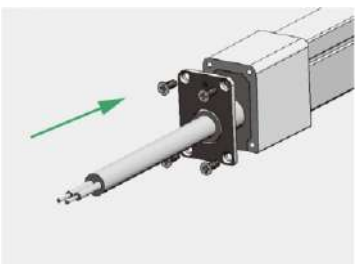
Effect diagram of the waterproof washer assembly completed



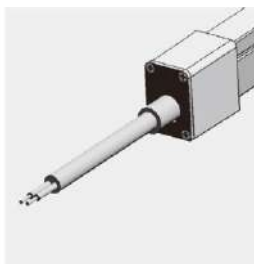
Insert the plug with the washer into the led strip. and the pin insert between FPC and transparent PET



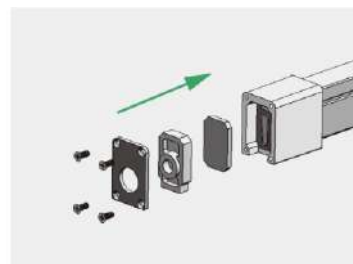
Effect diagram of the plug finished assembly completed



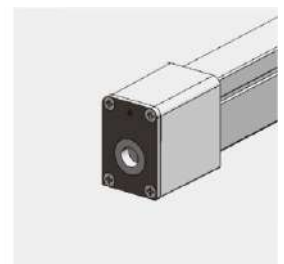
Fix the hard ware on Shell with screws, close to the shell, completed assembly



Effect diagram of the metal plate assembly completed



End cap's installation diagram



Effect diagram of the metal plate assembly completed