

## QUICK CONNECT Vertical Bend LED Flex

24V - 18mm x 18mm - Vertical Bend - IP65

tagra®

SKU: NEONCIRC18-RGB



24V



IP65

PVC

### Key Features

- Available in RGB
- 55.5mm Cut Points
- Vertical Bend
- 320° Beam Angle
- Up to 440 Lumens per metre
- IP65 Rating
- PVC
- 15 Metre Max. Run Length
- Available in 10M Kit & 50M reels
- 1 Year Indoor / 6 Month Outdoor Warranty

### Electrical Data

| Voltage | Max. Current | Typ. Current | Current 5M | Max. Power | Typ. Power | Power 5M |
|---------|--------------|--------------|------------|------------|------------|----------|
| 24V     | 0.35A/m      | 0.35A/m      | 1.75A      | 18.0W/m    | 18.0W/m    | 90W      |

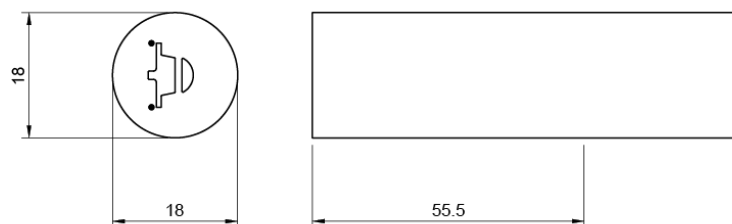
### Photometric Data

| Colour Temperature | CCT/Wavelength | Lumens/m | LED Chip   | LEDs/m      | LEDs/unit  |
|--------------------|----------------|----------|------------|-------------|------------|
| Red                | 620-630nm      | 121lm    | 5050       | 108 LEDs    | 6 LEDs     |
| Green              | 520-530nm      | 283lm    | Cut Points | CRI         | Beam Angle |
| Blue               | 465-475nm      | 57lm     | 55.5mm     | <80         | 320°       |
| RGB                | -              | 440lm    | SDCM       | Dimmable    | IC Type    |
|                    |                |          | <3         | Yes         |            |
|                    |                |          | Pixels/m   | Pixels/unit | PWM Rate   |
|                    |                |          |            |             |            |

### Mechanical Data

| Min. Bend Diameter | Bend Direction                 | Cable Length  | Cable End             | Cable Type | Wire Colours |
|--------------------|--------------------------------|---------------|-----------------------|------------|--------------|
| 120mm              | Vertical                       | 2000mm        | Single                | 17 AWG     | BLACK V+ DC  |
| IP Rating          | IK Rating                      | Material      | Operating Temperature |            | RED R-       |
| IP65               | IK08                           | PVC           | -20°C ~ 45°C          |            | GREEN G-     |
|                    |                                |               |                       |            | BLUE B-      |
| Lifespan           | Warranty                       | Dimensions    |                       |            |              |
| 36,000 Hours       | 1 Year Indoor, 6 Month Outdoor | W18mm x H18mm |                       |            |              |

## Dimensions



## Available SKUs

| SKU                   | CCT | IP Rating | Length  | Note                          |
|-----------------------|-----|-----------|---------|-------------------------------|
| NEONCIRC18-10MKIT-RGB | RGB | IP65      | 10000mm | 10M Kit, Includes Accessories |
| NEONCIRC18-50M-RGB    | RGB | IP65      | 50000mm | 50M Reel Only                 |
|                       |     |           |         |                               |
|                       |     |           |         |                               |
|                       |     |           |         |                               |
|                       |     |           |         |                               |

## Available Accessories

| Type             | SKU                          | Colour/Material | Note                     |
|------------------|------------------------------|-----------------|--------------------------|
| Mounting Bracket | NEONCIRC18-BRACKET           | Plastic         | Pack of 20, 50mm         |
| Accessory Pack   | NEONCIRC18-ACCPCK-RGB        | PVC             | Power Cord & End Cap Kit |
| Accessory Pack   | NEONCIRC18-ACCPCK-REV-RGB    | PVC             | Power Cord & End Cap Kit |
| Accessory Pack   | NEONCIRC18-MJOINT-ACCPCK-RGB | PVC             | Mid Joint Connector Kit  |
|                  |                              |                 |                          |
|                  |                              |                 |                          |
|                  |                              |                 |                          |
|                  |                              |                 |                          |
|                  |                              |                 |                          |