iDesigno

# Vivaro Neon Flex - 18W/M

TECHNICAL DATA SHEET

A dynamic RGB/RGBW Neon Flex for indoor and outdoor use. With top and side bend options, it delivers vibrant, customisable colours through various control systems, seamlessly integrating into architectural curves, signage, and creative design features.

**Areas for Application**

- Feature Wall
- Mood Lighting
- Retails Displays
- Shop Fronts
- Signage & Branding Highlights
- Event & Stage Lighting
- Entertainment Venues

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LEDTEC

## TECHNICAL SPECIFICATIONS

| Product | |
|---|---|
| Model | *Vivaro Neon Flex 18W/m* |

| Luminaire Information | |
|---|---|
| Rated Power per Metre | *14.4W/m* |
| Mounting | *Fixed Profile*<br>*Bendable Profile*<br>*Mounting Clips* |
| Max Length | *5 - 10m* |

| Electrical Information | |
|---|---|
| Input Voltage | *24VDC* |
| Driver Options | *Non-Dimmable*<br>*DALI Control* |

| Accessories |
|---|
| Fixed Aluminum Profile |
| Bendable Stainless Steel Profile |
| Mounting Clips |
| Reconnection Kit for Neon Flex |
| RGBW LED Strip Controller Kit |
| RGBW Touch Panel Controller |
| DALI LED Dimmer |

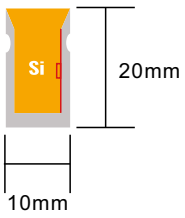
| Warranty | |
|---|---|
| Warranty | *5 Years* |

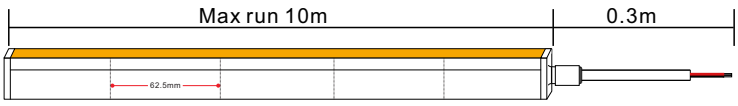
| Construction & Protection | |
|---|---|
| Ingress Protection Rating | *IP67* |
| Material Composition | *Premium Silicone* |
| Operating Temperature | *-25°C ~ +50°C* |
| Storage Temperature | *-25°C ~ +60°C* |

| Physical Characteristics | |
|---|---|
| Minimum Length | *62.5mm* |
| Dimensions | *10 x 20mm* |
| Cutting Increments | *62.5mm* |
| Bend Direction | *Horizontal (Side Bending)* |
| Bend Radius | *100mm* |
| Cable Entry Options | *Front, Side, Bottom* |

| Optical Characteristics | |
|---|---|
| Correlated Colour Temperature | *RGB*<br>*RGBW* |
| Colour Rendering Index | *90Ra* |
| LED Type | *5050* |
| Chips per metre | *96 LEDs/m* |
| Luminous Flux | *RGBW: 240Lm/m*<br>*R: 23Lm/m*<br>*G: 70Lm/M*<br>*B: 19Lm/M*<br>*W: 83Lm/m* |
| Beam Angle | *120°* |
| LIfetime | *54,000 hours* |

## DIMENSIONS




## ORDERING CODE

| Family | Wattage | Colour Temperature | IP Rating | Cable Entry |
|---|---|---|---|---|
| ID-SI1020 | 18W | RGB<br>RGBW-27K<br>RGBW-30K<br>RGBW-40K<br>RGBW-50K<br>RGBW-65K | 67 | F- Front<br>S - Side<br>B - Bottom |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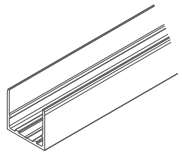
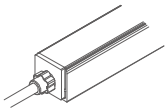
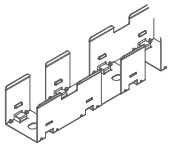
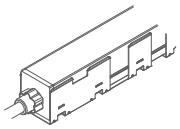
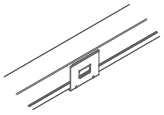
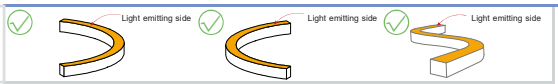
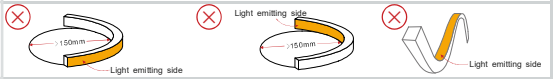
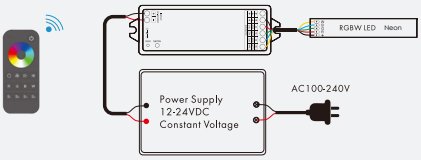
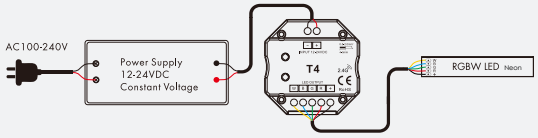
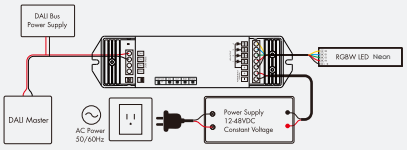
## PROFILES AND MOUNTING OPTIONS

| FIXED ALUMINUM PROFILE | EXAMPLES OF INSTALLATION |
|---|---|
|  |  |
| **BENDABLE STAINLESS STEEL PROFILE** | **EXAMPLES OF INSTALLATION** |
|  |  |
| **MOUNTING CLIPS** | **EXAMPLES OF INSTALLATION** |
| |  |

## BENDING INSTRUCTION

| | | |
|---|---|---|
| Bend in curve form - horizontal |   | **DO NOT TWIST** |
| Do not bend in wave form - vertical |   | |

## CONTROL

| Product Image | Product Name | Product Number | Wiring Diagram |
|---|---|---|---|
| | RGBW LED Strip Controller Kit | RT4+VP |   |
| | RGBW Touch Panel Controller | T4 |   |
| | DALI LED Dimmer | DA4-M |   |

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