

**Build Series LED Flex**

**24V - 11.5mm x 21mm - Horizontal Bend**

**tagra®**

**SKU: NEON-FAC-HB-11521-24V**



**24V**



**IP68**

**100**  
(mm)  
Cut Point

**5YR**  
Warranty

**Key Features**

- Available in 2200K, 2700K, 3000K, 4000K & 5000K
- 100mm Cut Points
- Horizontal Bend
- Up to 489 Lumens per metre
- >90 CRI
- Silicone
- Available as Sold by the Metre
- 5 Year Warranty

**Electrical Data**

| Voltage | Max. Current | Typ. Current | Current 5M | Max. Power | Typ. Power | Power 5M |
|---------|--------------|--------------|------------|------------|------------|----------|
| 24V     | 0.5A/m       | 0.5A/m       | 2.5A       | 12.0W/m    | 12.0W/m    | 60W      |

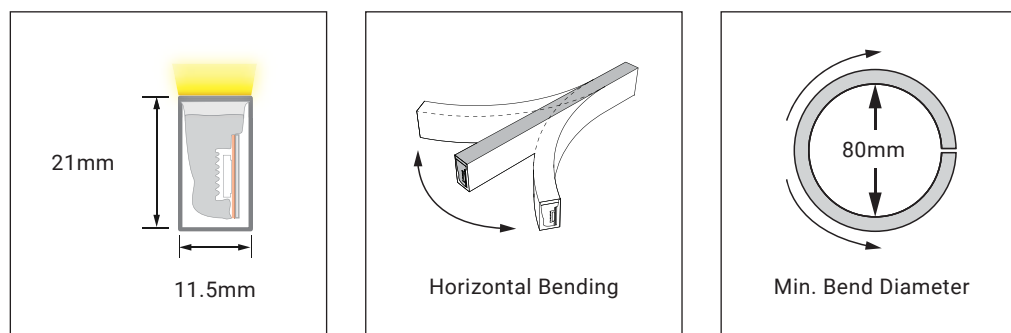
**Photometric Data**

| Colour Temperature | CCT/Wavelength | Lumens/m | LED Chip   | LEDs/m      | LEDs/unit  |
|--------------------|----------------|----------|------------|-------------|------------|
| Very Warm White    | 2200K          | 285lm    | 5050       | 60 LEDs     | 6 LEDs     |
| Very Warm White    | 2700K          | 422lm    | Cut Points | CRI         | Beam Angle |
| Warm White         | 3000K          | 442lm    | 100mm      | >90         | 120°       |
| Neutral White      | 4000K          | 489lm    | SDCM       | Dimmable    | IC Type    |
| Cool White         | 5000K          | 441lm    | <3         | Yes         | -          |
|                    |                |          | Pixels/m   | Pixels/unit | PWM Rate   |
|                    |                |          | -          | -           | -          |

**Mechanical Data**

|                    |  |                |                 |                       |            |              |            |
|--------------------|--|----------------|-----------------|-----------------------|------------|--------------|------------|
| Min. Bend Diameter |  | Bend Direction | Max. Run Length |                       | Cable Type | Wire Colours |            |
| 80mm               |  | Horizontal     | Single End 10M  | Double End 20M        | 18 AWG     | RED          | V+ DC      |
|                    |  |                |                 |                       |            | BLACK        | Ground GND |
| IP Rating          |  | IK Rating      | Material        | Operating Temperature |            |              |            |
| IP68               |  | IK08           | Silicone        | -40°C ~ 55°C          |            |              |            |
|                    |  |                |                 |                       |            |              |            |
| Lifespan           |  | Energy Rating  | Warranty        | Dimensions            |            |              |            |
| 50,000 Hours       |  | -              | 5 Years         | W11.5mm x H21mm       |            |              |            |
|                    |  |                |                 |                       |            |              |            |
|                    |  |                |                 |                       |            |              |            |
|                    |  |                |                 |                       |            |              |            |

## Specification

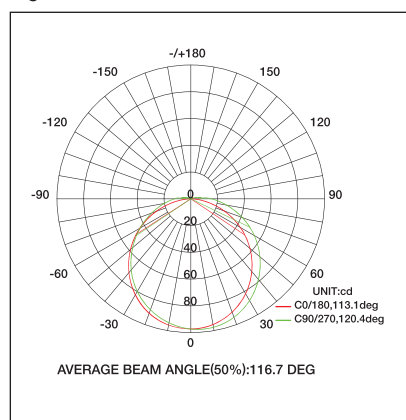


## Available SKUs

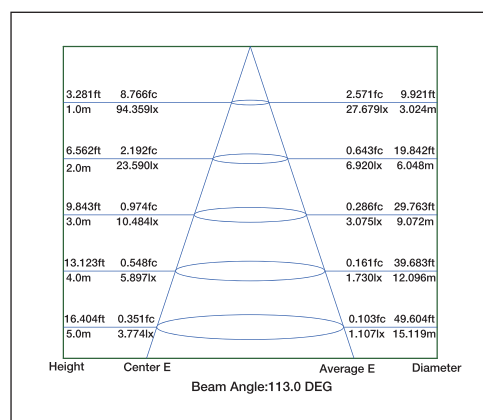
| SKU                       | CCT   | IP Rating | Length            |
|---------------------------|-------|-----------|-------------------|
| NEON-FAC-HB-11521-24V-22K | 2200K | IP68      | Sold by the Metre |
| NEON-FAC-HB-11521-24V-27K | 2700K | IP68      | Sold by the Metre |
| NEON-FAC-HB-11521-24V-3K  | 3000K | IP68      | Sold by the Metre |
| NEON-FAC-HB-11521-24V-4K  | 4000K | IP68      | Sold by the Metre |
| NEON-FAC-HB-11521-24V-5K  | 5000K | IP68      | Sold by the Metre |
|                           |       |           |                   |

## Diagrams

### Light Distribution Curve



### Illuminance-Distance Curve



## White Colour Chart

