# Tagra | Dual 16 | Pro LED Neon Flex | 16x16mm | 24V | IP67 | 15.4W/m | 3000K | 5M Kit

**NEONDUAL1616-5MKIT-3K / ITM002374**



Datasheet

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www.tagra-lighting.co.uk

support@tagra-lighting.co.uk

# Tagra | Dual 16 | Pro LED Neon Flex | 16x16mm | 24V | IP67 | 15.4W/m | 3000K | 5M Kit



| Cut Points | IP Rating | Voltage In | Warranty |
|---|---|---|---|
| Any | IP67 | 24V | 5 Years |

**SKU:** NEONDUAL1616-5MKIT-3K
**ITM:** ITM002374

**Key Features:**

- **Light Colour:** 3000K
- **Product Length:** 5m
- **Entry Cable Direction:** Top
- **Cable Length:** 1000mm
- **Dimensions (W x H):** 16 x 16mm

| Mechanical Data | | | |
|---|---|---|---|
| **Bend Direction:** | Dual | **Body Colour:** | White |
| **Cable Length:** | 1000mm | **Cable Sheath Material:** | Silicone |
| **Cable Gauge:** | 18AWG | **Copper Foil Weight:** | 3oz |
| **Entry Cable Direction:** | Top | **LED Chip Brand:** | Sanan |
| **LED Chip Type:** | SMD2835 | **LED Pitch:** | 8.33mm |
| **LEDs Per Metre:** | 120 | **LEDs Total:** | 600 |
| **Product Weight:** | 1250g | **Dimensions (LxWxH):** | 5000 x 16 x 16mm |

| Electrical Data | | | |
|---|---|---|---|
| **Constant Voltage / Constant Current:** | CV | **Current Max. @5 Metre:** | 3.2A |
| **Current Typ. @Max Run Length:** | 2.9A | **Max. Run Length:** | 5m |
| **Wattage Max. @1 Metre:** | 15.4W | **Wattage Typ. @1 Metre:** | 14W |
| **Wattage Typ. @5 Metre:** | 70W | **Wattage Typ. @Max Run Length:** | 70W |

| Electrical Data | | | |
|---|---|---|---|
| **Current Max. @1 Metre:** | 0.64A | **Current Typ. @1 Metre:** | 0.58A |
| **Current Control Type:** | Resistor | | |

| Input Data | |
|---|---|
| **Input Voltage:** | 24V |

| Control Data | | | |
|---|---|---|---|
| **Control Signal Input:** | PWM | **Dimmable:** | Yes |

| Photometric Data | | | |
|---|---|---|---|
| **CCT:** | 3000K | **Colour Type:** | Single Colour |
| **CRI:** | 90 | **Lumen Total:** | 3750Lm |
| **Lumens Per Metre:** | 704Lm/m | **Lumens Per Watt:** | 55Lm/W |
| **R9 Value:** | 67 | **SDCM:** | <3 |

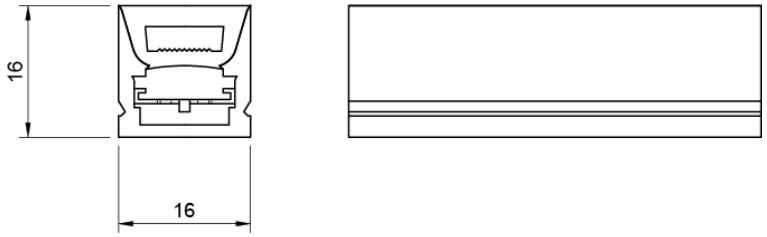
| Environmental Data | | | |
|---|---|---|---|
| **Anti-Yellowing:** | Yes | **Application Environment:** | Hospitality, commercial, residential, signage |
| **Body Material:** | Silicone | **Ingress Protection (IP):** | IP67 |
| **Interior or Exterior Use:** | Exterior | **Saltwater Resistant:** | Yes |
| **Solvent Resistant:** | Yes | **UV Resistant:** | Yes |
| **Operating Temperature:** | -20°C - 45°C | **Storage Humidity:** | 60% |
| **Storage Temperature:** | -20°C - 60°C | **Working Humidity:** | 80% |

| Protection Data | |
|---|---|
| **Electrical Safety Class:** | III |

## Efficiency Data

| | | | |
|---|---|---|---|
| **L70B50:** | 50 Hours | **Rated Life:** | 50000 Hours |

## Dimension Drawing




## Packaging Data

| | | | |
|---|---|---|---|
| **End Caps Included:** | Yes | **Packaging Height:** | 42mm |
| **Packaging Length:** | 390mm | **Packaging Width:** | 390mm |
| **Packaging Weight:** | 1975g | | |

**Disclaimer**

Tagra Lighting have taken reasonable care to ensure that the information in this datasheet is accurate at time of publication however it should be noted that all specifications are subject to tolerance. Descriptive specifications such as colour are subjective. Tagra Lighting reserve the right to update specifications without notice. The information in the datasheet may only be relied on by customers of Tagra Lighting in accordance with applicable terms and conditions.

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www.tagra-lighting.co.uk

support@tagra-lighting.co.uk