Tagra | Pro LED Neon Flex | Black | Dual 16 | 16x16mm | RGB | 24V | IP67 | 15.4Wp/m | 5M Kit

**NEONDUAL1616-BLK-5MKIT-RGB**



**Key Features**

**Product Length:** 5m

**Run Length (Max):** 5m

3oz PCB | 5 YEAR | 5 MTRS | IP67 | PWM | DUAL BEND

**Mechanical Data**

| | |
|---|---|
| Bend Direction | Dual |
| Body Colour | Black |
| Cable Both Ends | Yes |
| Cable Length | 1000mm |
| Cable Sheath Material | Silicone |
| Cable Weight | 20AWG |
| Copper Foil Weight | 3oz |
| Cut Points | 50mm |
| Entry Cable Direction | Top |



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| | |
|---|---|
| LED Chip Brand | Sanan |
| LED Chip Type | SMD2835 |
| LED Module Replaceable | No |
| LED Pitch | 8.33mm |
| LEDs Per Metre | 120 |
| LEDs Per Unit | 6 |
| LEDs Total | 600 |
| Min · Bend Radius | 20mm |
| PCB Type | Flexible |
| Product Weight | 1250g |
| Self Adhesive Brand | 3M |
| Self Adhesive Model Number | 300LSE |

**Input**

| | |
|---|---|
| Input Voltage | 24 - 24 |

**Control**

| | |
|---|---|
| Control Signal Input | PWM |
| Dimmable | Yes |
| Dimming Type | PWM |

**Electrical Data**

| | |
|---|---|
| Constant Voltage / Constant Current | CV |
| Current Max · @5 Metre | 3.2M |
| Current Max · Blue @1 Metre | 0.21 A |
| Current Max · Green @1 Metre | 0.21 A |
| Current Max · Rated | 0.513 A |
| Current Max · Red @1 Metre | 0.21 A |



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| | |
|---|---|
| Current Typ · @Max Run Length | 2.9 A |
| Max · Run Length | 5 m |
| Wattage Max · @1 Metre | 15.4 W |
| Wattage Typ · @1 Metre | 14 W |
| Wattage Typ · @5 Metre | 70 W |
| Wattage Typ · @Max Run Length | 70 W |

**Protection**

| | |
|---|---|
| Electrical Safety Class | III |

**Photometric Data**

| | |
|---|---|
| Bin Number | 1 |
| Colour Type | RGB |
| CRI | 90 |
| Lumen Total | 200Lm |
| Lumens Per Metre | 40 Lm/m |
| Lumens Per Metre (Blue) | 4Lm/m |
| Lumens Per Metre (Red) | 10Lm/m |
| Lumens Per Watt | 3Lm/W |
| Lumens Per Watt (Blue) | 1.5Lm/W |
| Lumens Per Watt (Green) | 8.4Lm/W |
| Lumens Per Watt (Red) | 3Lm/W |
| SDCM | <5 |
| Wavelength Blue | 460 - 470 |
| Wavelength Green | 515 - 530 |
| Wavelength Red | 630 - 620 |

**Environment**



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| | |
|---|---|
| Anti-Yellowing | No |
| Application Environment | hospitality, signage, film/tv/theatre |
| Body Material | Silicone |
| Case Temperature Max · (tc) | 65°C |
| Ingress Protection (IP) | IP67 |
| Interior or Exterior Use | Interior or Exterior |
| Saltwater Resistant | Yes |
| Solvent Resistant | Yes |
| UV Resistant | Yes |

**Efficiency**

| | |
|---|---|
| Energy Efficiency Class | F |
| Rated Life | 50000 Hours |
| Survival Factor | 0.9 |

**Packaging & Shipping**

| | |
|---|---|
| Emery Paper Included | Yes |
| End Caps Included | Yes |
| Kit | Yes |
| Mounting Brackets Included | Yes |



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