Tagra | Dual 16 | Pro LED Neon Flex | 16x16mm | 24V | IP67 | 15.4W/m | 2700K | Custom

NEONDUAL1616-1M-27K / ITM002381



Datasheet

11-11-2026

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

SKU: NEONDUAL1616-1M-27K
ITM: ITM002381

Key Features:

- **Light Colour:** 2700K
- **Product Length:** 1m
- **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):**	1000 x 16 x 16mm

Electrical Data			
Constant Voltage / Constant Current:	CV	**Current Max. @5 Metre:**	3.2A
Current Typ. @Max Run Length:	670A	**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:	2700K	**Colour Type:**	Single Colour
CRI:	90	**Lumens Per Metre:**	670Lm/m
Lumens Per Watt:	53Lm/W	**R9 Value:**	62
SDCM:	<3		

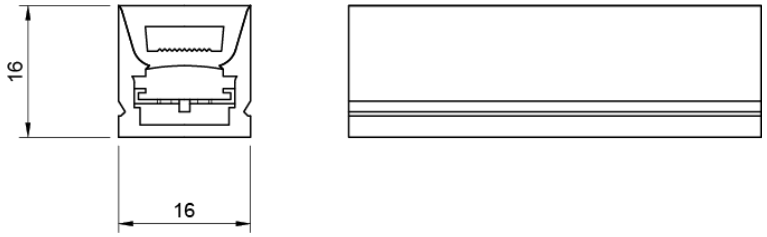
Environmental Data			
Anti-Yellowing:	Yes	**Application Environment:**	Hospitality, commercial, residential, signage
Body Material:	Silicone	**Ingress Protection (IP):**	IP67
Interior or Exterior Use:	Exterior	**Saltwater Resistant:**	Yes
Solvent Resistant:	Yes	**UV Resistant:**	Yes
Operating Temperature:	-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:**	1mm
Packaging Length:	395mm	**Packaging Width:**	385mm
Packaging Weight:	395g		

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.

Tagra Lighting is a trading name of T.R Ventures Limited, a company incorporated in England with registered number 07757720. Our registered office is Unit 2, Southfield Industrial Estate, Trafford Park, M17 1SJ.

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