Tagra | Vertical 16 | Architectural LED Neon Flex | CRI90 | 16x17mm | 24V | IP68 | 12W/m | 4000K

NEON-ARC-VB-1617-12W-4K-90 / ITM002256



Datasheet

23-10-2026

www.tagra-lighting.co.uk

support@tagra-lighting.co.uk

Tagra | Vertical 16 | Architectural LED Neon Flex | CRI90 | 16x17mm | 24V | IP68 | 12W/m | 4000K



Cut Points	IP Rating	Voltage In	Warranty
55.56mm	IP68	24V	5 Years

SKU: NEON-ARC-VB-1617-12W-4K-90
ITM: ITM002256

Key Features:

- **Light Colour:** 4000K
- **Product Length:** 1m
- **Entry Cable Direction:** Side, Top, Bottom
- **Dimensions (W x H):** 16 x 17mm

Mechanical Data			
Bend Direction:	Vertical	**Body Colour:**	White
Cable Sheath Material:	Silicone	**Connector Type:**	Optional
Copper Foil Weight:	8oz	**Cut Points:**	55.56mm
Entry Cable Direction:	Side, Top, Bottom	**LED Chip Brand:**	Epistar
LED Chip Type:	SMD2835	**LED Pitch:**	9.26mm
LEDs Per Metre:	108	**LEDs Per Unit:**	6
LEDs Total:	108	**Min. Bend Radius:**	150mm
PCB Type:	Flexible	**Dimensions (LxWxH):**	1000 x 16 x 17mm

Electrical Data			
Constant Voltage / Constant Current:	CV	**Max. Run Length:**	15m
Wattage Max. @1 Metre:	12W	**Wattage Typ. @1 Metre:**	12W
Wattage Typ. @5 Metre:	60W	**Wattage Typ. @Max Run Length:**	180W

Electrical Data			
Current Max. @1 Metre:	0.5 AA	**Current Typ. @1 Metre:**	0.5A
Current Control Type:	IC		

Input Data	
Input Voltage:	24V

Control Data			
Control Signal Input:	PWM	**Dimmable:**	Yes
Dimming Type:	PWM		

Photometric Data			
CCT:	4000K	**Colour Type:**	Single Colour
CRI:	90	**Lumens Per Metre:**	470Lm/m
Lumens Per Watt:	39Lm/W	**SDCM:**	<3

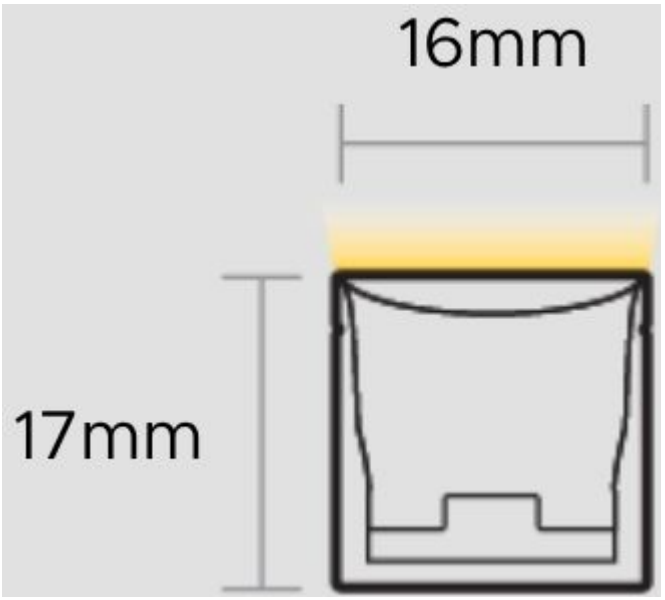
Environmental Data			
Anti-Yellowing:	Yes	**Application Environment:**	High Level Façade, Marine Envirionments , Yachts, Bridges, Tunnels
Body Material:	Silicone	**Ingress Protection (IP):**	IP68
Interior or Exterior Use:	Exterior	**Saltwater Resistant:**	Yes
Solvent Resistant:	Yes	**UV Resistant:**	Yes
Operating Temperature:	-40°C - 55°C	**Storage Humidity:**	60%
Storage Temperature:	-40°C - 60°C		

Protection Data	
Electrical Safety Class:	III

Efficiency Data

L70B50:	55000 Hours

Dimension Drawing



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.

www.tagra-lighting.co.uk

support@tagra-lighting.co.uk