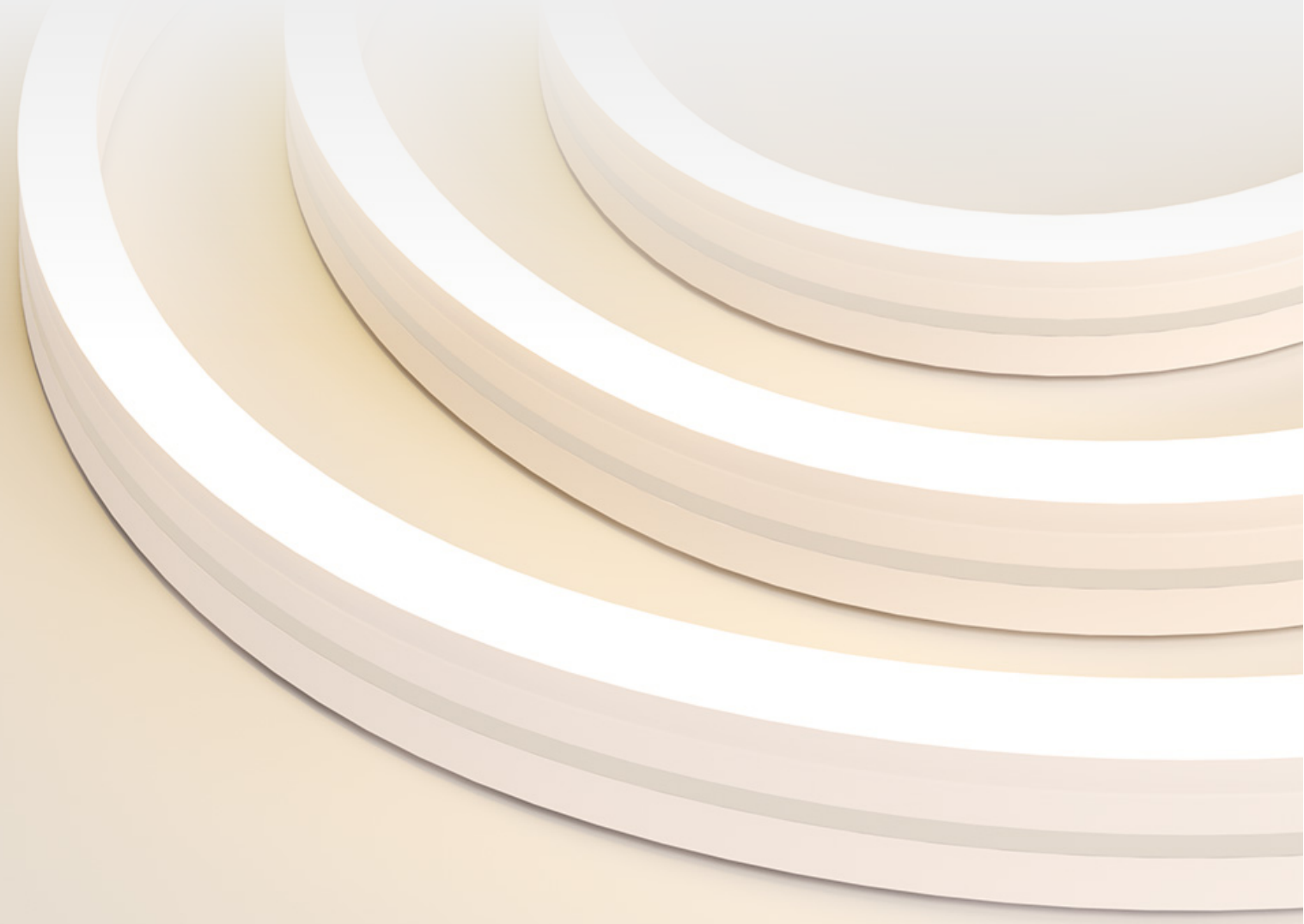
Tagra | Horizontal 12 | Sauna | Pro LED Neon Flex | 12x17mm | 24V | IP67 | 5.5W/m | 3000K | Custom

NEON1217HT-1M-3K / ITM000202



Datasheet

23-10-2026

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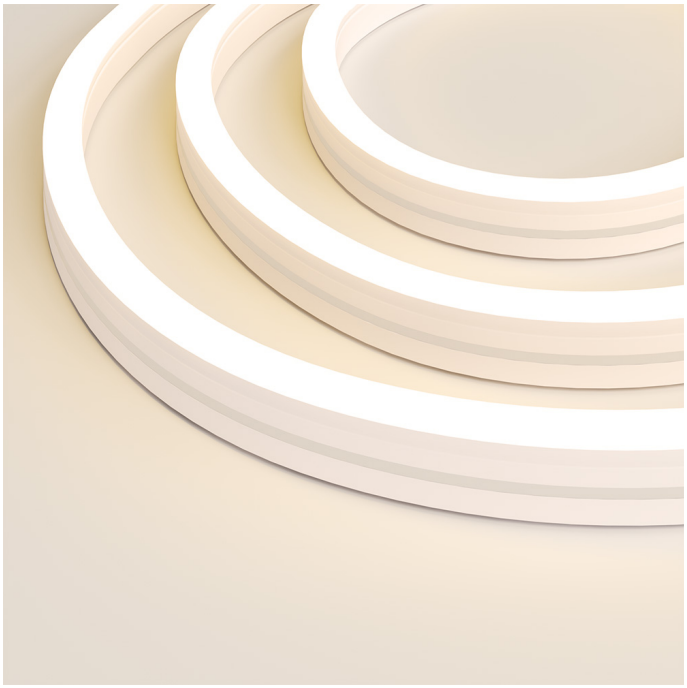


Cut Points	IP Rating	Voltage In	Warranty
50mm	IP67	24V	5 Years

SKU: NEON1217HT-1M-3K
ITM: ITM000202

Key Features:

- **Light Colour:** 3000K
- **Product Length:** 1m
- **Entry Cable Direction:** Side, Top, Bottom
- **Dimensions (W x H):** 12 x 17mm

Mechanical Data			
Bend Direction:	Horizontal	**Body Colour:**	White
Cable Sheath Material:	Silicone	**Cable Gauge:**	18AWG
Copper Foil Weight:	6oz	**Cut Points:**	50mm
Entry Cable Direction:	Side, Top, Bottom	**LED Chip Brand:**	Sanan
LED Chip Type:	COB	**LED Pitch:**	50mm
LEDs Per Metre:	320	**LEDs Per Unit:**	16
LEDs Total:	320	**Min. Bend Radius:**	60mm
PCB Type:	Flexible	**Dimensions (LxWxH):**	1000 x 12 x 17mm

Electrical Data			
Constant Voltage / Constant Current:	CV	**Current Max. @5 Metre:**	1.1A
Current Max. Rated:	0.33A	**Current Typ. @Max Run Length:**	3A
Max. Run Length:	10m	**Wattage Max. @1 Metre:**	5.5W

Electrical Data			
Wattage Typ. @1 Metre:	5W	**Wattage Typ. @5 Metre:**	25W
Wattage Typ. @Max Run Length:	50W	**Current Max. @1 Metre:**	0.22A
Current Typ. @1 Metre:	0.2A	**Current Control Type:**	Resistor

Input Data	
Input Voltage:	24V

Control Data			
Control Signal Input:	PWM	**Default PWM Frequency:**	50Hz
Dimmable:	Yes	**Dimming Type:**	PWM

Photometric Data			
Bin Number:	1	**CCT:**	3000K
Colour Type:	Single Colour	**CRI:**	90
Lumen Total:	280Lm	**Lumens Per Metre:**	280Lm/m
Lumens Per Watt:	60Lm/W	**R9 Value:**	64
SDCM:	<3		

Environmental Data			
Anti-Yellowing:	Yes	**Application Environment:**	Sauna, Steam rooms, Spa environments, Ice Room, Cold Therapy
Body Material:	Silicone	**Ingress Protection (IP):**	IP67
Interior or Exterior Use:	Interior or Exterior	**Saltwater Resistant:**	Yes
Solvent Resistant:	Yes	**UV Resistant:**	Yes
Operating Temperature:	-20°C - 110°C	**Storage Humidity:**	60%
Storage Temperature:	0°C - 60°C	**Working Humidity:**	100%

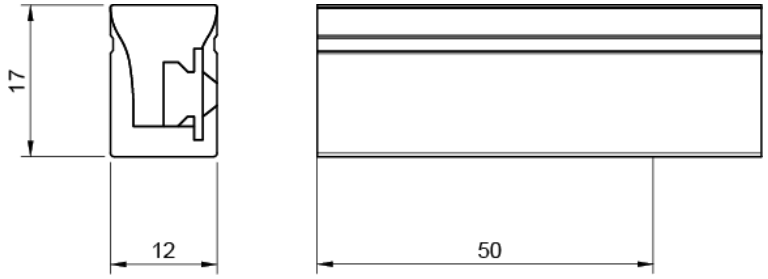
Protection Data

Electrical Safety Class:	III

Efficiency Data

Rated Life:	60000 Hours

Dimension Drawing



Packaging Data

Packaging Height:	42mm	**Packaging Length:**	390mm
Packaging Width:	390mm	**Packaging Weight:**	2100g

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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