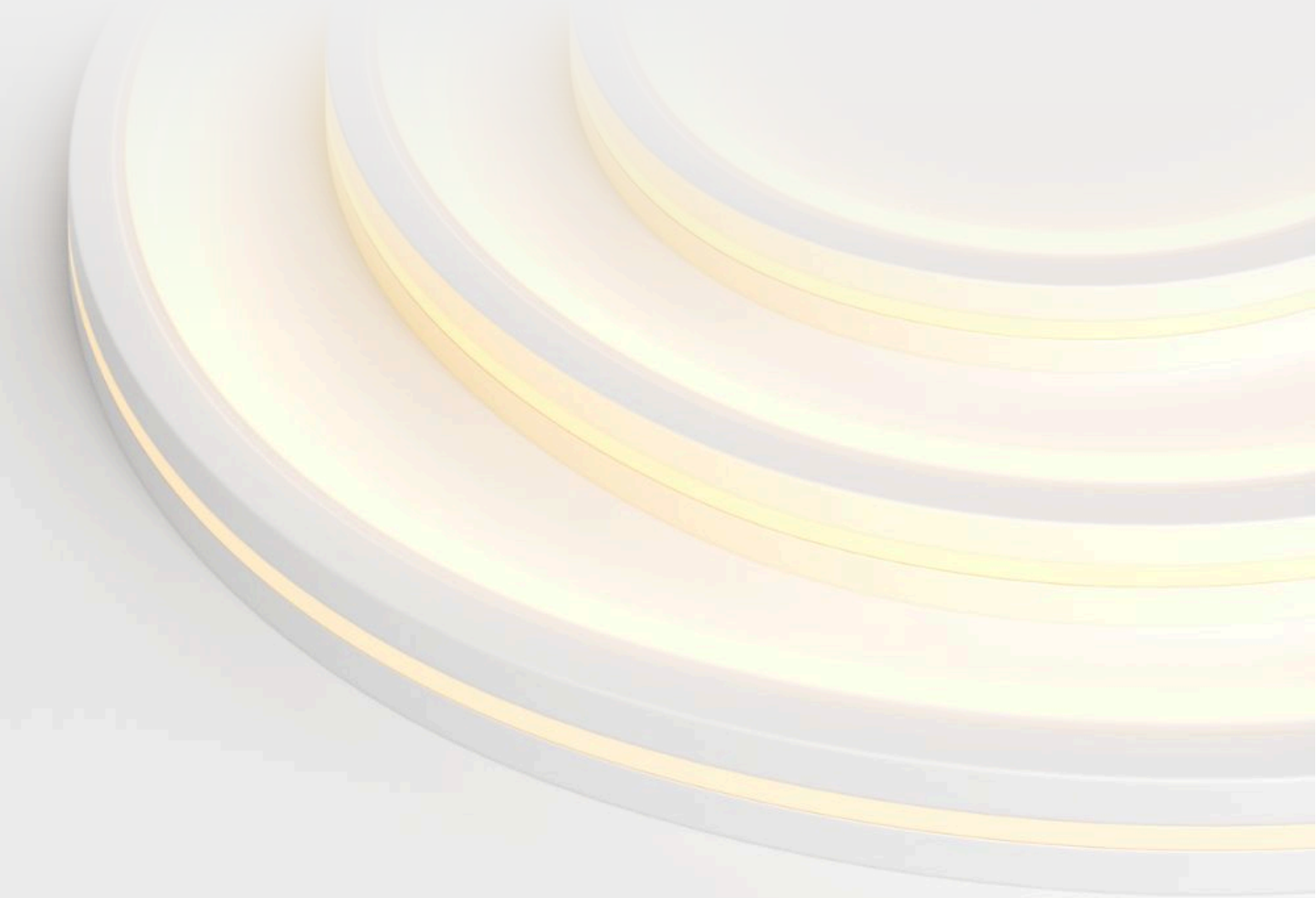
Tagra | Vertical 13 | Sauna | Pro LED Neon Flex | 13x12mm | 24V | IP67 | 5.5W/m | 3000K | Custom

NEON1312HT-1M-3K / ITM002456



Datasheet

13-11-2026

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Tagra | Vertical 13 | Sauna | Pro LED Neon Flex | 13x12mm | 24V | IP67 | 5.5W/m | 3000K | Custom



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

SKU: NEON1312HT-1M-3K
ITM: ITM002456

Key Features:

- **Light Colour:** 3000K
- **Product Length:** 1m
- **Entry Cable Direction:** Side, Top, Bottom
- **Dimensions (W x H):** 13 x 13mm

Mechanical Data			
Bend Direction:	Vertical	**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 Pitch:	50mm	**LEDs Per Metre:**	320
LEDs Per Unit:	16	**LEDs Total:**	320
Min. Bend Radius:	60mm	**PCB Type:**	Flexible
Dimensions (LxWxH):	1000 x 13 x 13mm		

Electrical Data			
Constant Voltage / Constant Current:	CV	**Current Max. @5 Metre:**	1.1A
Current Max. Rated:	3.3A	**Current Typ. @Max Run Length:**	3A
Max. Run Length:	15m	**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		

Input Data	
Input Voltage:	24V

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

Photometric Data			
CCT:	3000K	**Colour Type:**	Single Colour
CRI:	90	**Lumen Total:**	460Lm
Lumens Per Metre:	390Lm/m	**Lumens Per Watt:**	78Lm/W
Luminous Intensity:	131.1cd	**Peak Luminous Intensity:**	131.1cd
R9 Value:	64	**SDCM:**	<3
Wavelength:	582.2nm	**Wavelength Blue:**	455 - 462.5
Wavelength Green:	520 - 527.5	**Wavelength Red:**	627.5 - 620

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%

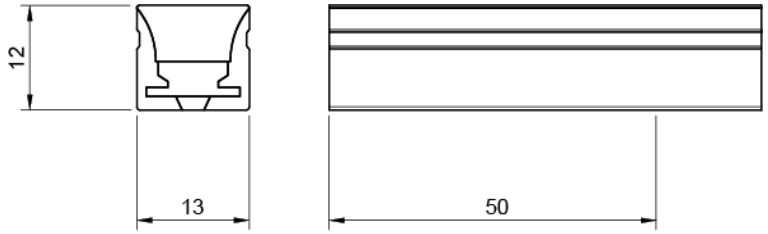
Protection Data

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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