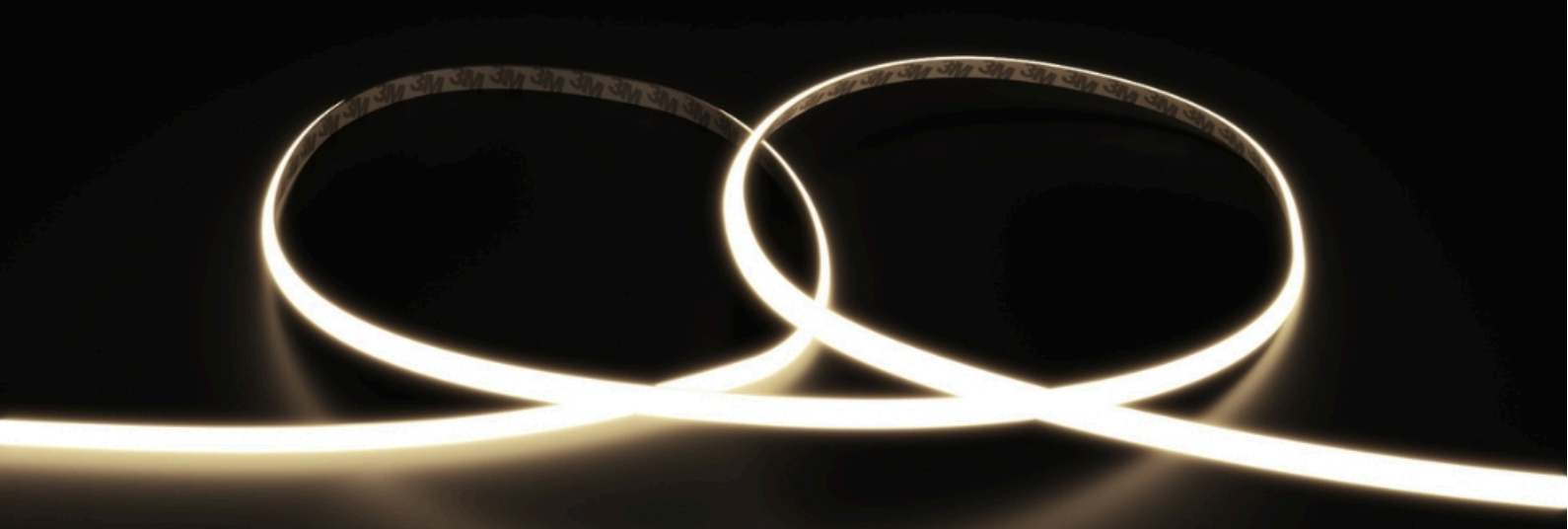
Syndeo by Tagra | Joinery LED Strip Light | 420 LEDs/m | 4mm | 24V | IP20 | 10W/m | 4000K | 2.5M

PPS24-JC-4K-2.5M / ITM001512



Datasheet

14-09-2026

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Syndeo by Tagra | Joinery LED Strip Light | 420 LEDs/m | 4mm | 24V | IP20 | 10W/m | 4000K | 2.5M



Cut Points	IP Rating	LEDs	Voltage In	Warranty
16.67mm	IP20	420/m	12-48V	7 Years

SKU: PPS24-JC-4K-2.5M
ITM: ITM001512

Key Features:

- **Light Colour:** 4000K
- **Product Length:** 2.5m
- **Lm/W (Up To):** 104Lm/W
- **Lm/m (Up To):** 935Lm/m
- **Dimensions (W x H):** 4 x 2mm

Mechanical Data			
Bend Direction:	Horizontal	**Body Colour:**	White
Cable Both Ends:	Yes	**Cable Length:**	500mm
Cable Sheath Material:	PVC	**Cable Gauge:**	26AWG
LED Chip Brand:	JC_CSP	**LED Chip Type:**	CSP
Connector Type:	Syndeo	**Copper Foil Weight:**	2oz
Cut Points:	16.67mm	**Entry Cable Direction:**	Bottom
LED Pitch:	2.38mm	**LEDs Per Unit:**	7
LEDs Per Metre:	420	**LEDs Total:**	1050
Min. Bend Radius:	30mm	**PCB Type:**	Flexible
Product Weight:	0g	**Self Adhesive Brand:**	3M
Self Adhesive Model Number:	55230H	**Dimensions (LxWxH):**	2500 x 4 x 2mm

Electrical Data			
Constant Voltage / Constant Current:	CV	**Current Max. Rated:**	0.4125A
Current Typ. @Max Run Length:	0.9375A	**Max. Run Length:**	2.5m
Wattage Max. @1 Metre:	10W	**Wattage Typ. @1 Metre:**	9W
Wattage Typ. @5 Metre:	31.5W	**Wattage Typ. @Max Run Length:**	20.25W
Current Typ. @1 Metre:	0.375A		

Input Data	
Input Voltage:	22.8V - 25.2V

Control Data			
Default PWM Frequency:	50Hz	**Dimmable:**	Yes

Photometric Data			
Wavelength:	577.7nm	**Lumens Per Metre:**	935Lm/m
CCT:	4000K	**Bin Number:**	1
Colour Type:	Single Colour	**CRI:**	90
SDCM:	<5	**Lumen Total:**	2337.5Lm
Lumens Per Watt:	104Lm/W	**Luminous Intensity:**	152.8cd
Peak Luminous Intensity:	152.8cd	**R9 Value:**	47

Environmental Data			
Application Environment:	Furniture, Cabinetry, Retail, Commercial	**Case Temperature Max. (tc):**	75°C
Ingress Protection (IP):	IP20	**Interior or Exterior Use:**	Interior
Operating Temperature:	-25°C - 40°C	**Storage Humidity:**	60%
Storage Temperature:	0°C - 60°C	**Working Humidity:**	70%

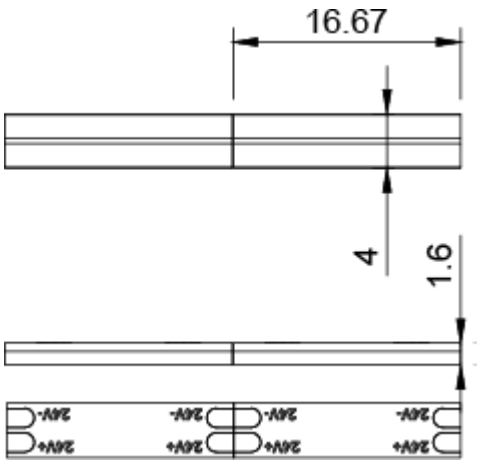
Protection Data

Electrical Safety Class:	III

Efficiency Data

Rated Life:	60000 Hours	**Switch Cycles:**	10000

Dimension Drawing



Packaging Data

Packaging Height:	224mm	**Packaging Length:**	320mm
Packaging Width:	223mm		

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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