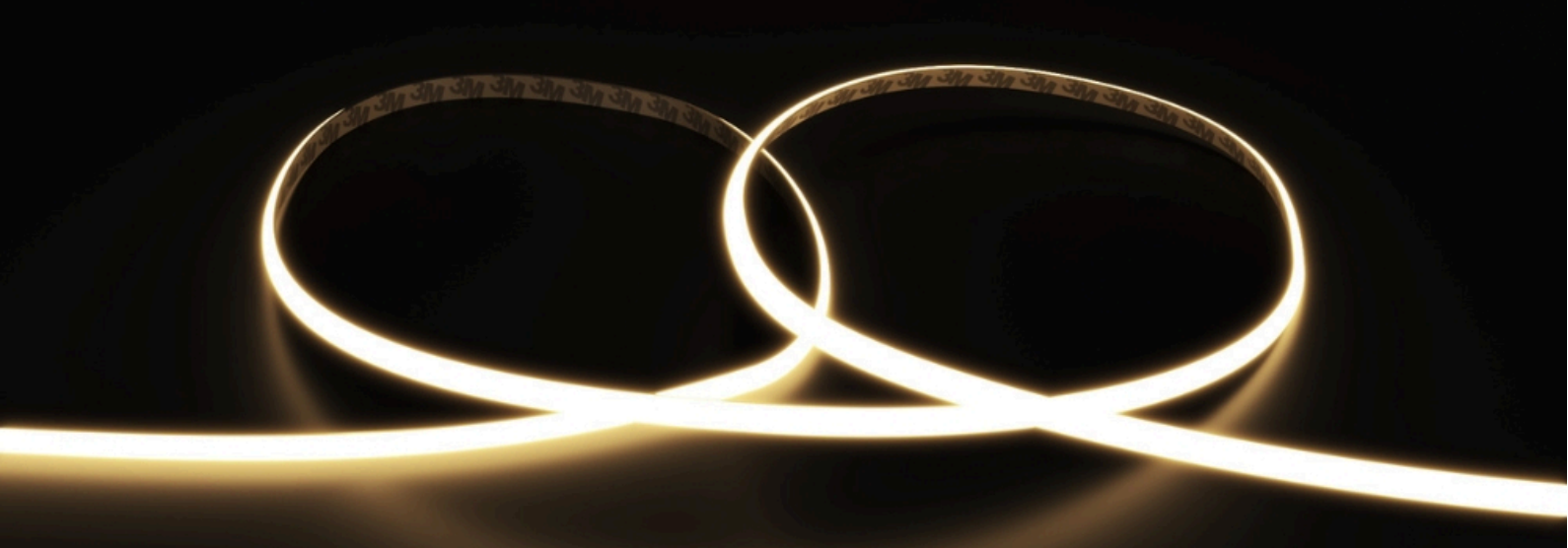
Syndeo by Tagra | Joinery LED Strip Light | 420 LEDs/m | 4mm | 24V | IP20 | 10W/m | 3000K | 2.5M

PPS24-JC-3K-2.5M / ITM001511



Datasheet

14-09-2026

www.tagra-lighting.co.uk

support@tagra-lighting.co.uk

Syndeo by Tagra | Joinery LED Strip Light | 420 LEDs/m | 4mm | 24V | IP20 | 10W/m | 3000K | 2.5M



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

SKU: PPS24-JC-3K-2.5M
ITM: ITM001511

Key Features:

- **Light Colour:** 3000K
- **Product Length:** 2.5m
- **Lm/m (Up To):** 765Lm/m
- **Dimensions (W x H):** 4 x 2mm

Mechanical Data			
Bend Direction:	Horizontal	**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
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

Electrical Data			
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			
Lumens Per Metre:	765Lm/m	**CCT:**	3000K
Bin Number:	1	**Colour Type:**	Single Colour
CRI:	90	**Light Colour:**	Warm White
SDCM:	<5	**Lumen Total:**	1700Lm
Luminous Intensity:	152.8cd	**Peak Luminous Intensity:**	152.8cd

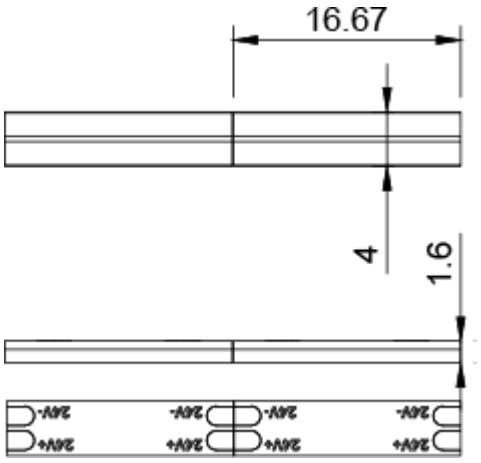
Environmental Data			
Application Environment:	Furniture, Cabinetry, Retail, Commercial	**Case Temperature Max. (tc):**	75°C
Ingress Protection (IP):	IP20	**Interior or Exterior Use:**	Interior
Operating Temperature:	-25°C - 40°C	**Storage Humidity:**	60%
Storage Temperature:	0°C - 60°C	**Working Humidity:**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

Protection Data	
Electrical Safety Class:	III

Efficiency Data

Energy Efficiency Class:	G	**Rated Life:**	60000 Hours
Switch Cycles:	10000		

Dimension Drawing



Packaging Data

Packaging Height:	26mm	**Packaging Length:**	2500mm
Packaging Width:	41mm		

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