Syndeo by Tagra | Joinery LED Strip Light | 160 LEDs/m | 5mm | 24V | IP20 | 9.6W/m | 3000K

PPS24-JP-3K-160-5M / ITM001506



Datasheet

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www.tagra-lighting.co.uk

support@tagra-lighting.co.uk

Syndeo by Tagra | Joinery LED Strip Light | 160 LEDs/m | 5mm | 24V | IP20 | 9.6W/m | 3000K



Cut Points	IP Rating	LEDs	Voltage In	Warranty
6.25mm	IP20	160/m	24V	5 Years

SKU: PPS24-JP-3K-160-5M
ITM: ITM001506

Key Features:

- **Light Colour:** 3000K
- **Product Length:** 5m
- **Lm/W (Up To):** 139Lm/W
- **Lm/m (Up To):** 1342Lm/m
- **Dimensions (W x H):** 5 x 2mm

Mechanical Data			
Bend Direction:	Vertical	**Body Colour:**	White
Cable Both Ends:	Yes	**Cable Length:**	500mm
Cable Sheath Material:	PVC	**Cable Gauge:**	20AWG
LED Chip Brand:	SanAn	**LED Chip Type:**	2835
Connector Type:	Syndeo Male	**Copper Foil Weight:**	3oz
Cut Points:	6.25mm	**Entry Cable Direction:**	Top
LED Pitch:	6.25mm	**LEDs Per Unit:**	1
LEDs Per Metre:	160	**LEDs Total:**	800
Min. Bend Radius:	20mm	**PCB Type:**	Flexible
Product Weight:	105g	**Self Adhesive Brand:**	3M
Self Adhesive Model Number:	300lse	**Dimensions (LxWxH):**	5000 x 5 x 2mm

Electrical Data			
Constant Voltage / Constant Current:	CV	**Current Max. Rated:**	2A
Current Max. @5 Metre:	2.2A	**Current Typ. @Max Run Length:**	2A
Max. Run Length:	5m	**Wattage Max. @1 Metre:**	10.56W
Wattage Typ. @1 Metre:	9.6W	**Wattage Typ. @5 Metre:**	48W
Wattage Typ. @Max Run Length:	48W	**Current Max. @1 Metre:**	0.44A
Current Typ. @1 Metre:	0.4A		

Input Data	
Input Voltage:	24V

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

Photometric Data			
Lumens Per Metre:	1342Lm/m	**CCT:**	3000K
Bin Number:	1	**Colour Type:**	Single Colour
CRI:	90	**SDCM:**	<3
Lumens Per Watt:	139Lm/W	**R9 Value:**	56

Environmental Data			
Application Environment:	Furniture, Cabinetry, Retail, Commercial	**Case Temperature Max. (tc):**	65°C
Ingress Protection (IP):	IP20	**Interior or Exterior Use:**	Interior
Operating Temperature:	-20°C - 45°C	**Storage Humidity:**	60%
Storage Temperature:	-20°C - 60°C	**Working Humidity:**	80%

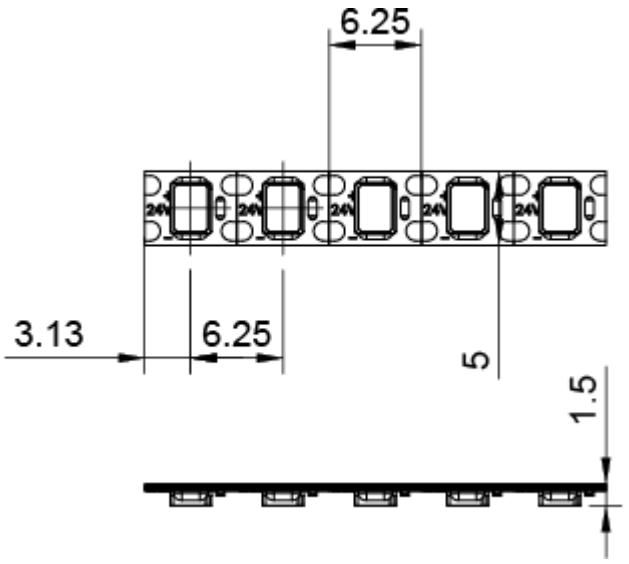
Protection Data

Electrical Safety Class:	III

Efficiency Data

Energy Efficiency Class:	E	**Lumen Maintenance Factor:**	0.9
Rated Life:	50000 Hours	**Survival Factor:**	0.96

Dimension Drawing



Packaging Data

Kit:	Yes	**Packaging Length:**	220mm
Packaging Width:	190mm		

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.

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www.tagra-lighting.co.uk

support@tagra-lighting.co.uk