tagra®

Tagra | Mini 4 COB | Joinery LED Strip Light | 420 LEDs/m | 4mm | 24V | IP20 | 10W/m | 2700K | 2.5M

JC24-27K2.5M / ITM001641



Datasheet

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Cut Points	IP Rating	LEDs	Voltage In	Warranty
16.67mm	IP20	420/m	24V	7 Years

SKU: JC24-27K2.5M
ITM: ITM001641

Key Features:

- **Light Colour:** 2700K
- **Product Length:** 2.5m
- **Lm/W (Up To):** 89Lm/W
- **Lm/m (Up To):** 800Lm/m
- **Dimensions (W x H):** 4 x 1.6mm

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:	JC_chips	**LED Chip Type:**	CSP chips
Connector Type:	None	**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:**	80mm
PCB Type:	Flexible	**Product Weight:**	2970g
Self Adhesive Brand:	3M	**Self Adhesive Model Number:**	300lse
Dimensions (LxWxH):	2500 x 4 x 1.6mm		

Electrical Data			
Constant Voltage / Constant Current:	CV	**Current Max. White @1 Metre:**	0.264A
Current Max. Rated:	0.66A	**Current Max. @5 Metre:**	3.3A
Current Typ. @Max Run Length:	0.9375A	**Max. Run Length:**	2.5m
Wattage Max. @1 Metre:	10W	**Wattage Typ. @1 Metre:**	14.5W
Wattage Typ. @5 Metre:	72.5W	**Wattage Typ. @Max Run Length:**	72.5W
Current Max. @1 Metre:	0.66A	**Current Typ. @1 Metre:**	0.6A

Input Data	
Input Voltage:	24V

Control Data			
Default PWM Frequency:	2000Hz	**Dimmable:**	Yes
Dimming Type:	PWM		

Photometric Data			
Wavelength:	582.3nm	**Lumens Per Metre:**	800Lm/m
CCT:	2700K	**Bin Number:**	2
Colour Type:	RGBW	**CRI:**	90
SDCM:	<3	**Lumen Total:**	2000Lm
Lumens Per Watt:	89Lm/W	**Luminous Intensity:**	127.1cd
Peak Luminous Intensity:	127.1cd	**R9 Value:**	45

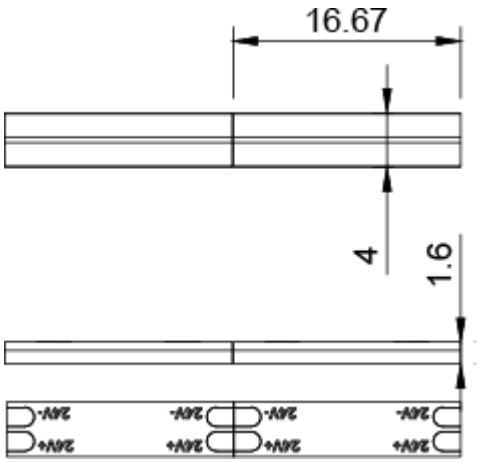
Environmental Data			
Application Environment:	Indoor, Outdoor	**Body Material:**	Silicone
Case Temperature Max. (tc):	65°C	**Ingress Protection (IP):**	IP20
Interior or Exterior Use:	Interior	**Saltwater Resistant:**	Yes
Solvent Resistant:	Yes	**UV Resistant:**	Yes
Operating Temperature:	-20°C - 45°C	**Storage Humidity:**	60%

Environmental Data			
Storage Temperature:	-20°C - 60°C	**Working Humidity:**	100%

Protection Data	
Electrical Safety Class:	III

Efficiency Data			
Lumen Maintenance Factor:	0.9	**Rated Life:**	60000 Hours
Survival Factor:	0.96		

Dimension Drawing



Packaging Data			
Packaging Height:	10mm	**Packaging Length:**	286mm
Packaging Width:	242mm	**Packaging Weight:**	100g

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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