Tagra | Precision LED Strip Light | 240 LEDs/m | 24V | IP20 | 20W/m | 2700K | 5M

HD24-27K5M / ITM001854



Datasheet

10-11-2026

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Tagra | Precision LED Strip Light | 240 LEDs/m | 24V | IP20 | 20W/m | 2700K | 5M



Cut Points	IP Rating	LEDs	Voltage In	Warranty
33.33mm	IP20	240/m	24V	7 Years

SKU: HD24-27K5M
ITM: ITM001854

Key Features:

- **Light Colour:** 2700K
- **Product Length:** 5m
- **Lm/W (Up To):** 109Lm/W
- **Lm/m (Up To):** 2180Lm/m
- **Dimensions (W x H):** 10 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:**	SMD2835
Copper Foil Weight:	3oz	**Cut Points:**	33.33mm
LED Pitch:	4.17mm	**LEDs Per Unit:**	8
LEDs Per Metre:	240	**LEDs Total:**	1200
PCB Type:	Flexible	**Product Weight:**	120g
Self Adhesive Brand:	3M 300LSE	**Self Adhesive Model Number:**	3M 300LSE
Dimensions (LxWxH):	5000 x 10 x 2mm		

Electrical Data			
Constant Voltage / Constant Current:	CV	**Current Max. Rated:**	0.3A

Electrical Data			
Current Max. @5 Metre:	1.5A	**Max. Run Length:**	5m
Wattage Max. @1 Metre:	20W	**Wattage Typ. @1 Metre:**	7.2W
Wattage Typ. @5 Metre:	7.2W	**Wattage Typ. @Max Run Length:**	36W
Current Max. @1 Metre:	0.33A	**Current Typ. @1 Metre:**	0.3A

Input Data	
Input Voltage:	24V

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

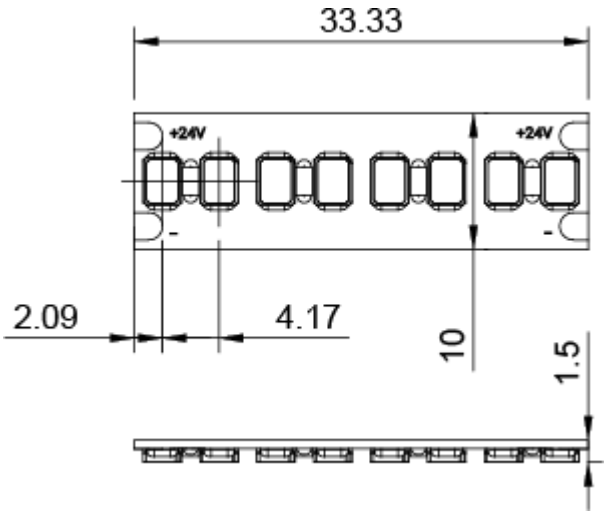
Photometric Data			
Lumens Per Metre:	2180Lm/m	**CCT:**	2700K
Bin Number:	1	**Colour Type:**	Single Colour
CRI:	97	**Light Colour:**	Very Warm White
SDCM:	<3	**Lumen Total:**	10900Lm
Lumens Per Watt:	109Lm/W	**R9 Value:**	90

Environmental Data			
Anti-Yellowing:	Yes	**Body Material:**	White FPC, OSP
Ingress Protection (IP):	IP20	**Interior or Exterior Use:**	INTERIOR
UV Resistant:	Yes	**Operating Temperature:**	-25°C - 40°C
Storage Humidity:	65%	**Storage Temperature:**	65°C
Working Humidity:	85%		

Protection Data	
Electrical Safety Class:	III

Efficiency Data			
L70B50:	50000 Hours	**L80B10:**	50000 Hours
L90B10:	50000 Hours	**LM80:**	50000 Hours
Lumen Maintenance Factor:	0.8	**Rated Life:**	50000 Hours
Survival Factor:	0.9		

Dimension Drawing



Packaging Data			
End Caps Included:	Yes	**Packaging Height:**	10mm
Packaging Length:	220mm	**Packaging Width:**	190mm
Packaging Weight:	168g		

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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