Tagra | Pro COB | Pro LED Strip Light | 320 LEDs/m | 24V | IP67 | 12.3W/m | 2100K | 50M Reel

PC24-21KFC50M67 / ITM014323



Datasheet

Tagra | Pro COB | Pro LED Strip Light | 320 LEDs/m | 24V | IP67 | 12.3W/m | 2100K | 50M Reel



Cut Points	IP Rating	LEDs	Voltage In	Warranty
Any	IP67	320/m	24V	7 Years

SKU: PC24-21KFC50M67
ITM: ITM014323

Key Features:

- **Light Colour:** 2100K
- **Product Length:** 50m
- **Lm/W (Up To):** 84Lm/W
- **Lm/m (Up To):** 892Lm/m
- **Dimensions (wh):** 10 x 6 mm

Mechanical Data

Product Length:	50000mm	**Product Height:**	6mm
Product Width:	10mm	**Bend Direction:**	Horizontal
Body Colour:	White	**Cable Both Ends:**	Yes
Cable Length:	500mm	**Cable Sheath Material:**	Silicone
Cable Weight:	20AWG	**LED Chip Brand:**	SanAn
LED Chip Type:	2216	**Copper Foil Weight:**	2oz
LED Pitch:	3.125mm	**LEDs Per Unit:**	1
LEDs Per Metre:	320	**LEDs Total:**	1600
PCB Type:	Flexible	**Self Adhesive Brand:**	3M
Self Adhesive Model Number:	5604A		

Electrical Data

Constant Voltage / Constant Current:	CV	**Current Max Rated:**	0.51A

Electrical Data

Current Max @5 Metre:	2.56A	**Current Typ @Max Run Length:**	56A
Max Run Length:	5m	**Wattage Max @1 Metre:**	12.3W
Wattage Typ @1 Metre:	11.2W	**Wattage Typ @5 Metre:**	56W
Wattage Typ @Max Run Length:	56W	**Current Max @1 Metre:**	0.51A
Current Typ @1 Metre:	11.2A		

Input Data

Input Voltage:	24V

Control Data

Dimming Type:	PWM

Photometric Data

Lumens Per Metre:	892Lm/m	**CCT:**	2100K
Bin Number:	1	**Colour Type:**	Single Colour
CRI:	90	**SDCM:**	<3
Lumen Total:	43000Lm	**Lumens Per Watt:**	84Lm/W
R9 Value:	57		

Environmental Data

Body Material:	Silicone	**Ingress Protection (IP):**	IP67
Interior or Exterior Use:	Exterior	**UV Resistant:**	Yes
Operating Temperature:	-25°C - 40°C	**Storage Humidity:**	60%
Storage Temperature:	-25°C - 60°C	**Working Humidity:**	90%

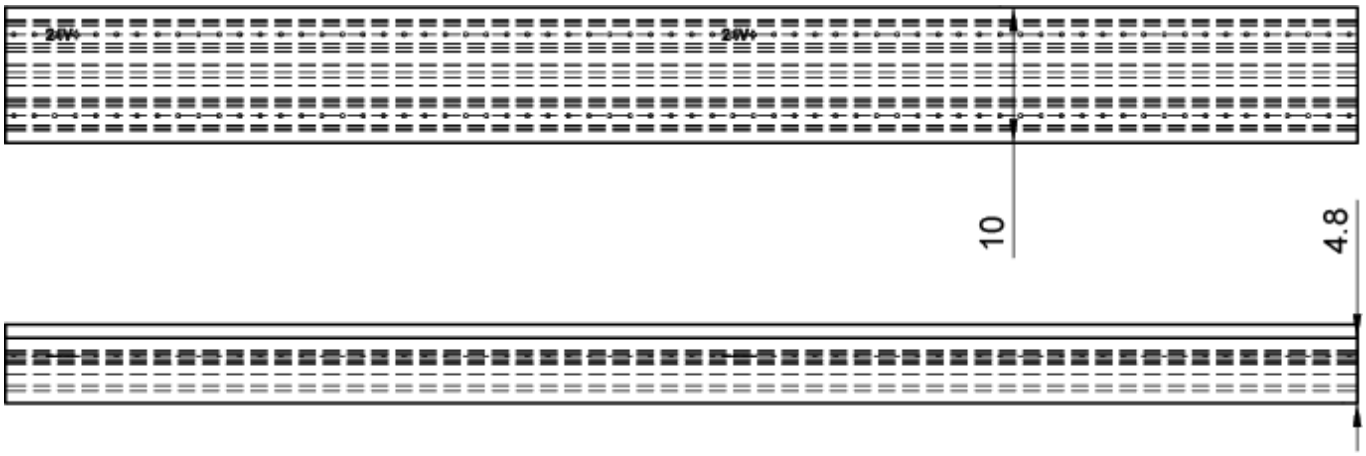
Protection Data

Electrical Safety Class:	III

Efficiency Data

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

Dimension Drawing



Packaging Data

Emery Paper Included:	No	**End Caps Included:**	No
Kit:	No	**Mounting Brackets Included:**	No
Packaging Height:	200mm	**Packaging Length:**	170mm
Packaging Width:	12mm	**Packaging Weight:**	150g

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