tagra®

Tagra | E-COB | Economy LED Strip Light | 320 LEDs/m | 24V | IP65 | 8W/m | 3000K | 5M

EC24-3K5M65 / ITM002714



Datasheet

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Cut Points	IP Rating	LEDs	Voltage In	Warranty
50mm	IP65	320/m	24V	2 Years

SKU: EC24-3K5M65
ITM: ITM002714

Key Features:

- **Light Colour:** 3000K
- **Product Length:** 5m
- **Lm/W (Up To):** 64Lm/W
- **Lm/m (Up To):** 512Lm/m
- **Dimensions (W x H):** 10 x 5mm

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:**	FLIP-CHIP
Copper Foil Weight:	20oz	**Cut Points:**	50mm
Entry Cable Direction:	REAR	**LEDs Per Unit:**	16
LEDs Per Metre:	320	**LEDs Total:**	1600
Min. Bend Radius:	60mm	**Product Weight:**	380g
Self Adhesive Brand:	3M	**Self Adhesive Model Number:**	55230H
Dimensions (LxWxH):	5000 x 10 x 5mm		

Electrical Data			
Constant Voltage / Constant Current:	CV	**Current Max. @5 Metre:**	1.44A

Electrical Data			
Current Typ. @Max Run Length:	1.31A	**Max. Run Length:**	5m
Wattage Max. @1 Metre:	8W	**Wattage Typ. @1 Metre:**	7.2W
Wattage Typ. @5 Metre:	31.5W	**Wattage Typ. @Max Run Length:**	31.5W
Current Max. @1 Metre:	0.3A	**Current Typ. @1 Metre:**	0.3A

Input Data	
Input Voltage:	24V

Control Data			
Dimmable:	Yes	**Dimming Type:**	0-10V, TRIAC, PWM, DALI

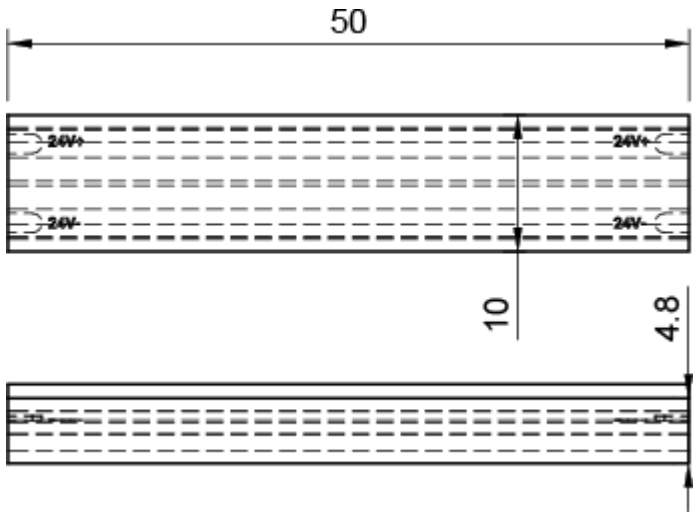
Photometric Data			
Wavelength:	583.5nm	**Lumens Per Metre:**	512Lm/m
CCT:	3000K	**Bin Number:**	2
Colour Type:	Single Colour	**CRI:**	90
SDCM:	<5	**Lumen Total:**	2550Lm
Lumens Per Watt:	64Lm/W	**Luminous Intensity:**	124cd
Peak Luminous Intensity:	124cd	**R9 Value:**	63

Environmental Data			
Application Environment:	Indoor	**Body Material:**	Polyimide
Ingress Protection (IP):	IP65	**Interior or Exterior Use:**	INTERIOR
Operating Temperature:	-20°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	**L70B50:**	36000 Hours
L80B10:	36000 Hours	**L90B10:**	24000 Hours
LM80:	6000 Hours	**Lumen Maintenance Factor:**	0.9707
Rated Life:	36000 Hours	**Survival Factor:**	0.9
Switch Cycles:	10000		

Dimension Drawing



Packaging Data			
Packaging Height:	16mm	**Packaging Length:**	286mm
Packaging Width:	242mm	**Packaging Weight:**	385g

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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