Tagra | Efficiency Long LED Strip Light | 160 LEDs/m | 24V | IP67 | 3.3W/m | 3000K | 20M

EP24-3K16020M67 / ITM001977



Datasheet

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Cut Points	IP Rating	LEDs	Voltage In	Warranty
125mm	IP65	160/m	24V	7 Years

SKU: EP24-3K16020M67
ITM: ITM001977

Key Features:

- **Light Colour:** 3000K
- **Product Length:** 20m
- **Lm/W (Up To):** 151Lm/W
- **Lm/m (Up To):** 453Lm/m
- **Dimensions (W x H):** 10 x 15mm

Mechanical Data			
Bend Direction:	Vertical	**Body Colour:**	White
Cable Length:	500mm	**Cable Sheath Material:**	PVC
Cable Gauge:	17AWG	**LED Chip Brand:**	Sanan
LED Chip Type:	SMD2538	**Copper Foil Weight:**	3oz
Cut Points:	125mm	**Entry Cable Direction:**	Top
LEDs Per Metre:	160	**LEDs Total:**	3200
Min. Bend Radius:	40mm	**PCB Type:**	Flexible
Product Weight:	1993g	**Dimensions (LxWxH):**	20000 x 10 x 15mm

Electrical Data			
Constant Voltage / Constant Current:	CV	**Current Max. Rated:**	6.66A
Current Max. @5 Metre:	1.85A	**Current Typ. @Max Run Length:**	2.5A
Max. Run Length:	20m	**Wattage Max. @1 Metre:**	3.3W

Electrical Data			
Wattage Typ. @1 Metre:	8W	**Wattage Typ. @5 Metre:**	40W
Wattage Typ. @Max Run Length:	144W	**Current Max. @1 Metre:**	0.37A
Current Typ. @1 Metre:	0.37A		

Input Data	
Input Voltage:	24V

Control Data	
Dimmable:	Yes

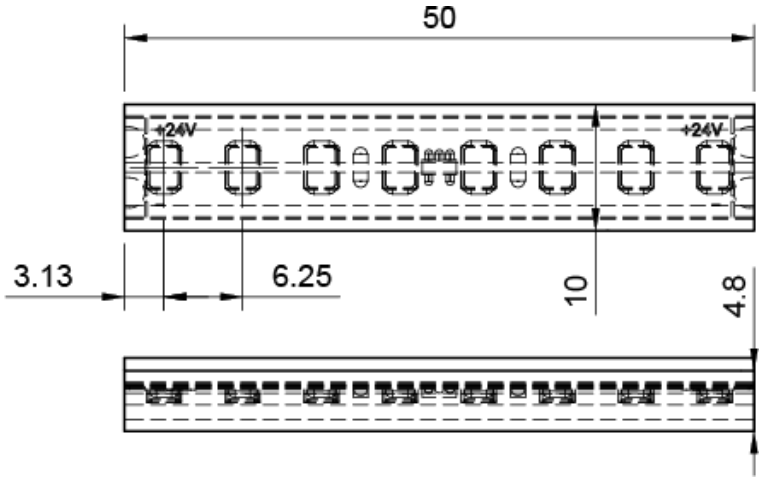
Photometric Data			
Lumens Per Metre:	453Lm/m	**CCT:**	3000K
Colour Type:	Single Colour	**CRI:**	80
SDCM:	<3	**Lumen Total:**	9060Lm
Lumens Per Watt:	151Lm/W	**R9 Value:**	53

Environmental Data			
Body Material:	PVC	**Ingress Protection (IP):**	IP65
Interior or Exterior Use:	Interior or Exterior	**UV Resistant:**	Yes
Operating Temperature:	-20°C - 45°C	**Storage Humidity:**	40%
Storage Temperature:	0°C - 40°C		

Protection Data	
Electrical Safety Class:	II

Efficiency Data			
Energy Efficiency Class:	D	**Rated Life:**	36000 Hours

Dimension Drawing



Packaging Data

End Caps Included:	Yes	**Packaging Height:**	25mm
Packaging Length:	405mm	**Packaging Width:**	385mm
Packaging Weight:	1160g		

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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