Tagra | E-120 | Economy LED Strip Light | 120 LEDs/m | 24V | IP65 | 9.6W/m | 3000K | 50M

ES24-3K-120-50M-80-IP / ITM002487

Datasheet

23-10-2026

www.tagra-lighting.co.uk

support@tagra-lighting.co.uk

Tagra | E-120 | Economy LED Strip Light | 120 LEDs/m | 24V | IP65 | 9.6W/m | 3000K | 50M

Cut Points	IP Rating	LEDs	Voltage In	Warranty
50mm	IP65	120/m	24V	2 Years

SKU: ES24-3K-120-50M-80-IP
ITM: ITM002487

Key Features:

- **Light Colour:** 3000K
- **Product Length:** 50m
- **Lm/W (Up To):** 100Lm/W
- **Lm/m (Up To):** 960Lm/m
- **Dimensions (W x H):** 10 x 5mm

Mechanical Data			
Bend Direction:	Vertical	**Body Colour:**	White
Cable Length:	500mm	**Copper Foil Weight:**	2oz
Cut Points:	50mm	**LEDs Per Metre:**	120
Product Weight:	4000g	**Dimensions (LxWxH):**	50000 x 10 x 5mm

Electrical Data			
Max. Run Length:	8m	**Wattage Max. @1 Metre:**	9.6W

Input Data	
Input Voltage:	24V

Control Data	
Dimmable:	Yes

Photometric Data

Lumens Per Metre:	960Lm/m	**CCT:**	3000K
Bin Number:	2	**Colour Type:**	Single Colour
CRI:	80	**Light Colour:**	Warm White
SDCM:	<5	**Lumen Total:**	48000Lm
Lumens Per Watt:	100Lm/W		

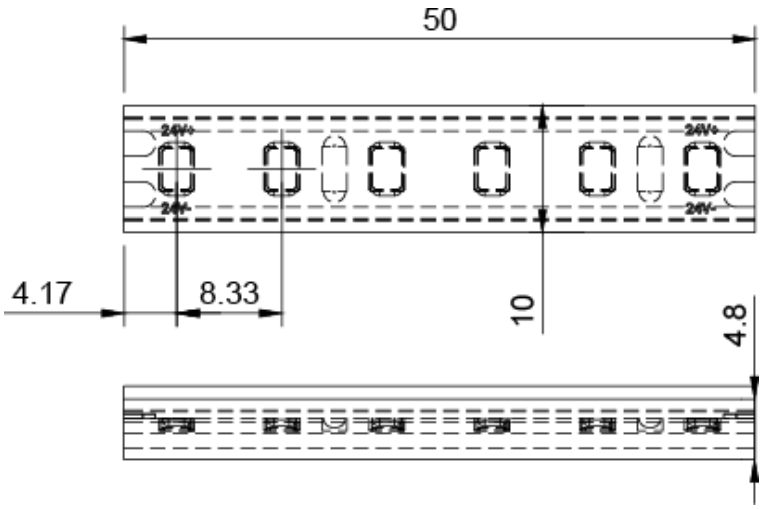
Environmental Data

Ingress Protection (IP):	IP65	**Interior or Exterior Use:**	EXTERIOR
Operating Temperature:	-25°C - 40°C		

Efficiency Data

Energy Efficiency Class:	F

Dimension Drawing



Packaging Data

Packaging Height:	140mm	**Packaging Length:**	240mm
Packaging Width:	240mm	**Packaging Weight:**	4330g

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

support@tagra-lighting.co.uk