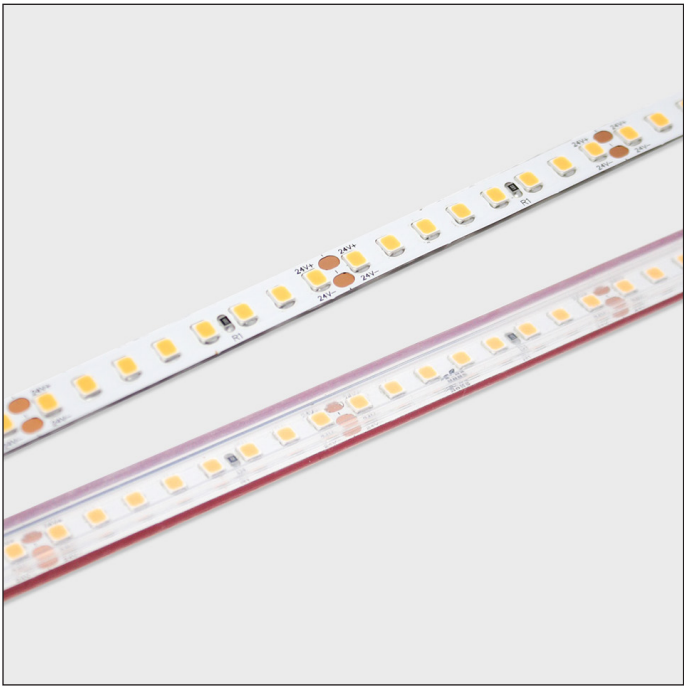


Professional High Definition Series LED Strip Light
24V - 160 LEDs per metre - IP20/IP65 Nano/IP67

tagra®

SKU: AS24-160



24V

160
LEDs/m

50
(mm)
Cut Point

7YR
Warranty

Key Features

- Available in 2300K, 2700K, 3000K & 4000K
- 50mm Cut Points
- 160 LEDs per metre
- Up to 1610 Lumens per metre
- >95 CRI
- Available in IP20, IP65 Nano & IP67
- <2 SDCM
- 7 Year Warranty

Electrical Data

Voltage	Max. Current	Typ. Current	Current 5M	Max. Power	Typ. Wattage	Power 5M
24V	0.3A/m	0.26A/m	1/3A	7.2W/m	6.4W/m	32W

Voltage	Max. Current	Typ. Current	Current 5M	Max. Power	Typ. Wattage	Power 5M
24V	0.6A/m	0.54A/m	2.4A	14.4W/m	13.0W/m	57.6W

Photometric Data

Colour Temperature	CCT	Lumens/m	
Extra Warm White	2300K	7.2W 680lm	14.4W 1360lm
Very Warm White	2700K	7.2W 735lm	14.4W 1470lm
Warm White	3000K	7.2W 773lm	14.4W 1545lm
Neutral White	4000K	7.2W 805lm	14.4W 1610lm

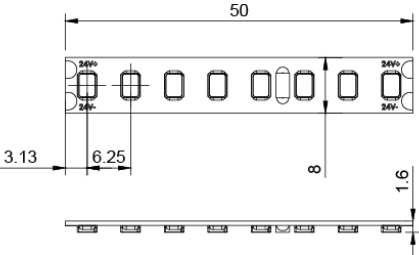
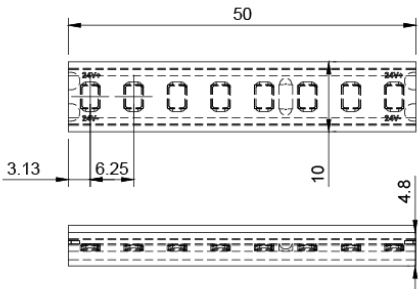
LED Chip	LEDs/m
2835	160 LEDS
Cut Points	CRI
50mm	>95
LEDs/unit	Beam Angle
8 LEDs	120°
SDCM	Dimmable
<2	Yes

Mechanical Data

Min. Bend Diameter	Mounting	Cable Length	Cable End	Cable Type
Ø 60mm	3M Adhesive	500mm	Tinned Ends	20AWG
IP Rating	PCB Weight	PCB Colour	Operating Temperature	
IP20/IP65NA/IP67	2oz	White	-5°C ~ +40°C	
Lifespan	ERP	Warranty	Dimensions	
60,000 hrs	E	7 Years	(IP20/IP65NA) W8 x H1.5mm	(IP67) W10 x H4.8mm

Wire Colours	
RED	V+ DC
BLACK	Ground GND

Dimensions

IP20/IP65NA	
IP67	

Available SKUs

SKU	W/m	CCT	IP Rating	Length
AS24-23K160725M95	7.2W/m	2300K	IP20	5M
AS24-27K160725M95	7.2W/m	2700K	IP20	5M
AS24-3K160725M95	7.2W/m	3000K	IP20	5M
AS24-4K160725M95	7.2W/m	4000K	IP20	5M
AS24-23K-160-5M-95	14.4W/m	2300K	IP20	5M
AS24-237K-160-5M-95	14.4W/m	2700K	IP20	5M
AS24-3K-160-5M-95	14.4W/m	3000K	IP20	5M
AS24-4K-160-5M-95	14.4W/m	4000K	IP20	5M
AS24-23K160725M9565	7.2W/m	2300K	IP65 Nano	5M
AS24-27K160725M9565	7.2W/m	2700K	IP65 Nano	5M
AS24-3K160725M9565	7.2W/m	3000K	IP65 Nano	5M
AS24-4K160725M9565	7.2W/m	4000K	IP65 Nano	5M
AS24-23K1601445M9565	14.4W/m	2300K	IP65 Nano	5M
AS24-27K1601445M9565	14.4W/m	2700K	IP65 Nano	5M
AS24-3K1601445M9565	14.4W/m	3000K	IP65 Nano	5M
AS24-4K1601445M9565	14.4W/m	4000K	IP65 Nano	5M
AS24-23K-160-5M-95-IP	14.4W/m	2300K	IP67	5M
AS24-237K-160-5M-95-IP	14.4W/m	2700K	IP67	5M
AS24-3K-160-5M-95-IP	14.4W/m	3000K	IP67	5M
AS24-4K-160-5M-95-IP	14.4W/m	4000K	IP67	5M

Recommended Profiles Non-Spotting

SKU	Lengths	Install Type	Colours	Diffusers
CHAN-1616	2M, 3M	Surface Mount, Corner	Silver, Black, White	Opal
CHAN-3030	2M, 3M	Surface Mount, Corner	Silver	Semi-Clear, Opal
5213	2M, 3M	Plaster-In	Silver	Semi-Clear, Opal
6114	2M, 3M	Plaster-In	Silver	Semi-Clear, Opal
9818	2M, 3M	Plaster-In	Silver	Semi-Clear, Opal
CHAN-20168	2M, 3M	Surface Mount	Silver	Opal
CHAN-23145	2M, 3M	Recessed	Silver	Semi-Clear, Opal, Black
CHAN-171145	2M, 3M	Surface Mount	Silver, Black, White	Semi-Clear, Opal, Black
CORPROIP65	2M, 3M	Surface Mount	Silver	Semi-Clear
3030CIRC	2M, 3M	Suspend	Silver	Opal
3535R3	2M, 3M	Surface Mount, Suspend	Silver, Black	Semi-Clear, Opal
CHAN-2320	2M, 3M	Recessed	Silver, Black, White	Opal, Smoked Black
CHAN-2321	2M, 3M	Plaster-In	Silver	Opal, Smoked Black
CHAN-2325	2M, 3M	Surface Mount, Suspend	Silver, Black, White	Opal, Smoked Black
2030SCD	2M, 3M	Surface Mount	Silver	Semi-Clear
2621SC	2M, 3M	Walkover	Silver	Semi-Clear
2016	2M, 3M	Surface Mount	Silver	Semi-Clear, Opal
4714SCD	2M	Plaster-In	Silver	Opal
2023SCD	2M, 3M	Surface Mount	Silver	Semi-Clear, Opal

Recommended Accessories/Products

Type	IP Rating	SKU	Colour/Material	Note
Connector	IP20	CB-8MM-2BRIDGE	Plastic	Strip to Strip
Connector	IP20	CB-8MM-2WIRE	Plastic	Strip to Wire
Connector	IP20	CB-8MM-2CRN	Plastic	Strip to Strip Corner
Connector	IP65	CB-IP10MM-2BRIDGE	Plastic	Strip to Strip
Connector	IP65	CB-IP10MM-2WIRE	Plastic	Strip to Wire
Cable	IP20	TC2C.5	Black, White	2 Core Cable
Controller	IP20	USCZONESP-V2	White	RF Receiver
Controller	IP20	PSCONN-5IN1WIFIRCVR	White	App Control

Recommended Drivers

Type	IP Rating	SKU	Dimmable	Brand
LED Driver	IP20	TAG24V60WB	No	Tagra
LED Driver	IP20	TAGTRIAC24V75W	Yes	Tagra
LED Driver	IP67	LPV-60-24	No	Mean Well