

Professional Series SMD LED Strip Light
24V - 140 LEDs per metre - IP20/IP65 Nano

tagra®

SKU: PS24-140



24V

140
LEDs/m

7.2
Watts/m

50
(mm)
Cut Point

Key Features

- Available in 2100K, 2300K, 2700K, 3000K, 4000K, 6000K
- 4mm Micro Width
- 50mm Cut Points
- 140 LEDs per metre
- Up to 710 Lumens per metre
- Available in IP20 & IP65 Nano
- >90 CRI
- <2 SDCM
- 7 Year Warranty (IP20)
- 5 Year Warranty (IP65 Nano)

Electrical Data

Voltage	Max. Current	Typ. Current	Current 5M	Max. Power	Typ. Wattage	Power 5M
24V	0.3A/m	0.275A/m	1.1A	7.2W/m	6.6W/m	26.4W

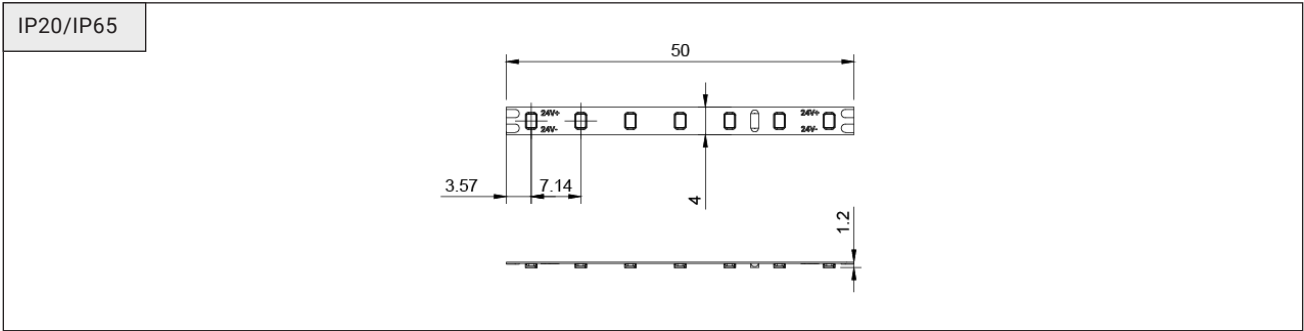
Photometric Data

Colour Temperature	CCT/Wavelength	Lumens/m	LED Chip	LEDs/m	LEDs/unit
Amber	2100K	548lm	2835	140 LEDs	7 LEDs
Extra Warm White	2300K	614lm	Cut Points	CRI	Beam Angle
Very Warm White	2700K	660lm	50mm	>90	120°
Warm White	3000K	685lm	SDCM	Dimmable	IC Type
Neutral White	4000K	710lm	<2	Yes	
Cool White	6000K	685lm	Pixels/m	Pixels/unit	PWM Rate

Mechanical Data

Min. Bend Diameter	Mounting	Cable Length	Cable End	Cable Type	Wire Colours
Ø 60mm	3M Adhesive	500mm	Tinned Ends	20AWG	RED V+ DC
IP Rating	PCB Weight	PCB Colour	Operating Temperature		
IP20/IP65	2oz	White	-5°C ~ +40°C		
Lifespan	Energy Rating	Warranty	Dimensions		
36,000 hrs	F	7YR/5YR	(IP20) W4 x H1.2mm	(IP65) W4 x H1.2mm	

Dimensions



Available SKUs

SKU	CCT	IP Rating	Length
PS24-21K-140-5M-90	2100K	IP20	5M
PS24-23K-140-5M-90	2300K	IP20	5M
PS24-27K-140-5M-90	2700K	IP20	5M
PS24-3K-140-5M-90	3000K	IP20	5M
PS24-4K-140-5M-90	4000K	IP20	5M
PS24-6K-140-5M-90	6000K	IP20	5M
PS24-21K-140-5M-90-IP	2100K	IP65 Nano	5M
PS24-23K-140-5M-90-IP	2300K	IP65 Nano	5M
PS24-27K-140-5M-90-IP	2700K	IP65 Nano	5M
PS24-3K-140-5M-90-IP	3000K	IP65 Nano	5M
PS24-4K-140-5M-90-IP	4000K	IP65 Nano	5M
PS24-6K-140-5M-90-IP	6000K	IP65 Nano	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	Opal, Black
CHAN-171145	2M, 3M	Surface Mount	Silver, Black, White	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
4822SCD	2M, 3M	Plaster-In	Silver	Semi-Clear
4425SCD	2M, 3M	Plaster-In	Silver	Semi-Clear
8570SCD	2M, 3M	Plaster-In	Silver	Semi-Clear

Recommended Accessories/Products

Type	IP Rating	SKU	Colour/Material	Note
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	TAG24V30W	No	Tagra
LED Driver	IP20	TAGTRIAC24V30W-V2	Yes	Tagra
LED Driver	IP67	LPV-35-24	No	Mean Well