

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



**SKU: PS24-140**



<b>24V</b>	<b>140</b> LEDs/m	<b>7.2</b> Watts/m	<b>50</b> (mm) Cut Point	<b>5YR</b> Warranty
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**Key Features**

- Available in 2700K, 3000K, 4000K, 6000K
- 4mm Micro Width
- 50mm Cut Points
- 140 LEDs per metre
- Up to 710 Lumens per metre
- >90 CRI
- <2 SDCM
- 5 Year Warranty

**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
Very Warm White	2700K	660lm
Warm White	3000K	685lm
Neutral White	4000K	710lm
Cool White	6000K	685lm

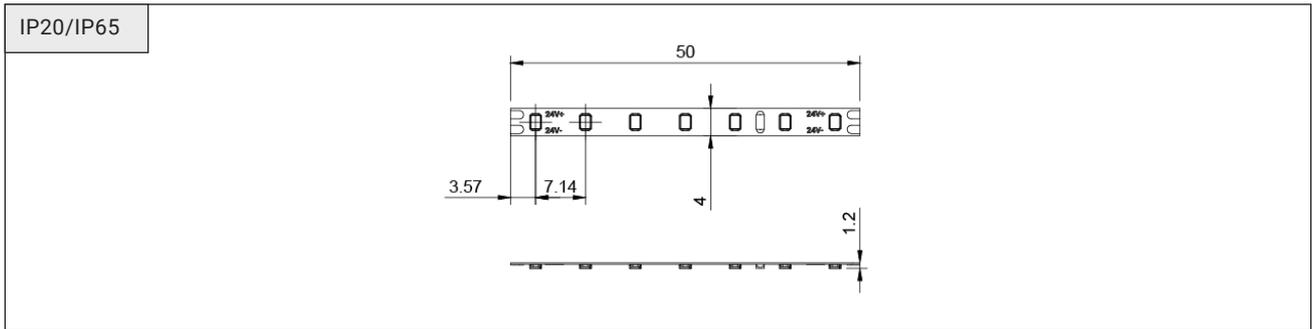
LED Chip	LEDs/m	LEDs/unit
2835	140 LEDs	7 LEDs
Cut Points	CRI	Beam Angle
50mm	>90	120°
SDCM	Dimmable	IC Type
<2	Yes	
Pixels/m	Pixels/unit	PWM Rate

**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/IP65	2oz	White	-5°C ~ +40°C	
Lifespan	Energy Rating	Warranty	Dimensions	
36,000 hrs	F	5 Years	(IP20) W4 x H1.2mm	(IP65) W4 x H1.2mm

Wire Colours	
RED	V+ DC
BLACK	Ground GND

**Dimensions**



**Available SKUs**

SKU	CCT	IP Rating	Length
PS24-27K-140-5M-90	2700K	IP20	5M
PS24-27K-140-5M-90-IP	2700K	IP65 Nano	5M
PS24-27K-140-20M-90-IP	2700K	IP65 Nano	20M
PS24-27K-140-25M-90	2700K	IP20	25M
PS24-3K-140-5M-90	3000K	IP20	5M
PS24-4K-140-5M-90	4000K	IP20	5M
PS24-6K-140-5M-90	6000K	IP20	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