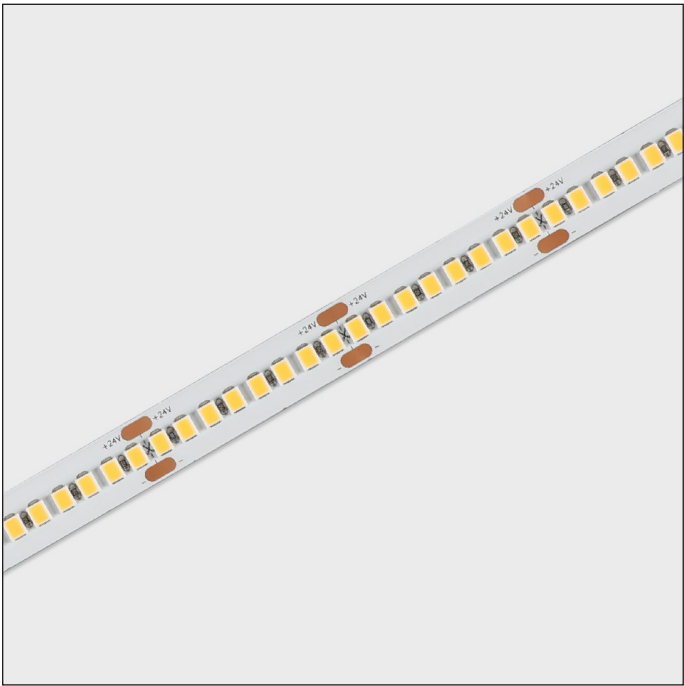


Professional High Definition Series LED Strip Light

24V - 240 LEDs per metre - IP20/IP65 Nano

tagra®

SKU: HD24-5M



24V

240
LEDs/m

33.33
(mm)
Cut Point

7YR
Warranty

Key Features

- Available in 2100K, 2300K, 2700K, 3000K, 4000K & 6500K
- 33.33mm Cut Points
- 240 LEDs per metre
- Up to 2400 Lumens per metre
- >97 CRI
- <3 SDCM
- Available in 5M reels
- 7 Year Warranty

Electrical Data

Voltage	Max. Current	Typ. Current	Current 5M	Max. Power	Typ. Wattage	Power 5M
24V	0.33A/m	0.3A/m	1.5A	8.0W/m	7.2W/m	36.0W

Voltage	Max. Current	Typ. Current	Current 5M	Max. Power	Typ. Wattage	Power 5M
24V	0.65A/m	0.6A/m	3.0A	15.8W/m	14.4W/m	72.0W

Voltage	Max. Current	Typ. Current	Current 5M	Max. Power	Typ. Wattage	Power 5M
24V	0.9A/m	0.83A/m	4.1A	22.0W/m	20.0W/m	100.0W

Photometric Data

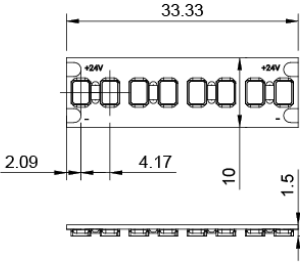
Colour Temperature	CCT	Lumens/m		
Amber	2100K	7.2W 662lm	14.4W 1260lm	20.0W 1750lm
Extra Warm White	2300K	7.2W 698lm	14.4W 1330lm	20.0W 1847lm
Very Warm White	2700K	7.2W 824lm	14.4W 1570lm	20.0W 2180lm
Warm White	3000K	7.2W 867lm	14.4W 1652lm	20.0W 2294lm
Neutral White	4000K	7.2W 907lm	14.4W 1728lm	20.0W 2400lm
Cool White	6500K	7.2W 907lm	14.4W 1728lm	20.0W 2400lm

LED Chip	LEDs/m
2835	240 LEDs
Cut Points	CRI
33.33mm	>97
LEDs/unit	Beam Angle
8 LEDs	120°
SDCM	Dimmable
<3	Yes

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/IP65NA	3oz	White	-5°C ~ +40°C			
Lifespan	Energy Rating	Warranty	Dimensions			
50,000 hrs	E	7 Years	(IP20/IP65NA) W10 x H1.5mm			
					BLACK	Ground GND

Dimensions

IP20/IP65NA	
-------------	---

Available SKUs

SKU	W/m	CCT	IP Rating	Length
HD24-21K240725M	7.2W/m	2100K	IP20	5M
HD24-23K240725M	7.2W/m	2300K	IP20	5M
HD24-27K240725M	7.2W/m	2700K	IP20	5M
HD24-3K240725M	7.2W/m	3000K	IP20	5M
HD24-4K240725M	7.2W/m	4000K	IP20	5M
HD24-65K240725M	7.2W/m	6500K	IP20	5M
HD24-21K240725M65	7.2W/m	2100K	IP65 Nano	5M
HD24-23K240725M65	7.2W/m	2300K	IP65 Nano	5M
HD24-27K240725M65	7.2W/m	2700K	IP65 Nano	5M
HD24-3K240725M65	7.2W/m	3000K	IP65 Nano	5M
HD24-4K240725M65	7.2W/m	4000K	IP65 Nano	5M
HD24-65K240725M65	7.2W/m	6500K	IP65 Nano	5M
HD24-21K2401445M	14.4W/m	2100K	IP20	5M
HD24-23K2401445M	14.4W/m	2300K	IP20	5M
HD24-27K2401445M	14.4W/m	2700K	IP20	5M
HD24-3K2401445M	14.4W/m	3000K	IP20	5M
HD24-4K2401445M	14.4W/m	4000K	IP20	5M
HD24-65K2401445M	14.4W/m	6500K	IP20	5M

Available SKUs (continued)

SKU	W/m	CCT	IP Rating	Length
HD24-21K2401445M65	14.4W/m	2100K	IP65 Nano	5M
HD24-23K2401445M65	14.4W/m	2300K	IP65 Nano	5M
HD24-27K2401445M65	14.4W/m	2700K	IP65 Nano	5M
HD24-3K2401445M65	14.4W/m	3000K	IP65 Nano	5M
HD24-4K2401445M65	14.4W/m	4000K	IP65 Nano	5M
HD24-65K2401445M65	14.4W/m	6500K	IP65 Nano	5M
HD24-21K5M	20.0W/m	2100K	IP20	5M
HD24-23K5M	20.0W/m	2300K	IP20	5M
HD24-27K5M	20.0W/m	2700K	IP20	5M
HD24-3K5M	20.0W/m	3000K	IP20	5M
HD24-4K5M	20.0W/m	4000K	IP20	5M
HD24-65K5M	20.0W/m	6500K	IP20	5M
HD24-21K240205M65	20.0W/m	2100K	IP65 Nano	5M
HD24-23K240205M65	20.0W/m	2300K	IP65 Nano	5M
HD24-27K240205M65	20.0W/m	2700K	IP65 Nano	5M
HD24-3K240205M65	20.0W/m	3000K	IP65 Nano	5M
HD24-4K240205M65	20.0W/m	4000K	IP65 Nano	5M
HD24-65K240205M65	20.0W/m	6500K	IP65 Nano	5M

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	TAG24V150W-S	No	Tagra
LED Driver	IP20	TAGTRIAC24V150W	Yes	Tagra
LED Driver	IP67	TAG24V150WIP67	No	Tagra

Recommended Profiles Non-Spotting

SKU	Lengths	Install Type	Colours	Diffusers
2193	2M, 3M	Recessed	Silver, Black, White	Semi-Clear, Opal, Black
113113	2M, 3M	Surface Mount, Corner	Silver, Black, White	Semi-Clear, Opal
CHAN-178	2M, 3M	Surface Mount	Silver, Black, White	Semi-Clear, Opal, Black
188IP65	2M, 3M	Surface Mount	Silver	Semi-Clear
CHAN-1616	2M, 3M	Surface Mount, Corner	Silver, Black, White	Semi-Clear, Opal, Black
CHAN-3030	2M, 3M	Surface Mount, Corner	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	Semi-Clear, Opal
CHAN-23145	2M, 3M	Recessed	Silver	Semi-Clear, Opal
CHAN-171145	2M, 3M	Surface Mount	Silver, Black, White	Semi-Clear, Opal
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
3613SC	2M, 3M	Plaster-In	Silver	Semi-Clear
1896SCD	2M, 3M	Plaster-In	Silver	Semi-Clear