

Toning Professional High Definition Series LED Strip Light

24V - 240 LEDs per metre - IP20/IP65 Nano/IP67

tagra®

SKU: HD24-CCT



24V

240
LEDs/m

50
(mm)
Cut Point

7YR
Warranty

Key Features

- Available in 2700~6500K & 2000~4000K
- 50mm Cut Points
- 240 LEDs per metre
- Up to 2112 Lumens per metre
- >90 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	0.875A/m	0.8A/m	4.0A	21.0W/m	19.2W/m	96.0W

Voltage	Max. Current	Typ. Current	Current 5M	Max. Power	Typ. Wattage	Power 5M
24V	0.9A/m	0.83A/m	4.1A	26.4W/m	24.0W/m	120.0W

Photometric Data

CCT	Lumens/m			
2700~6500K	7.2W 680lm	14.4W 1360lm	19.2W 1700lm	24.0W 2112lm
2000~4000K	7.2W 600lm	14.4W 1200lm	19.2W 1350lm	-

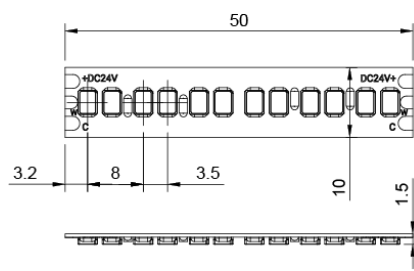
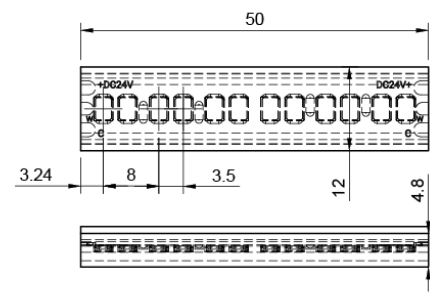
LED Chip	LEDs/m
2835	240 LEDS
Cut Points	CRI
50mm	>90
LEDs/unit	Beam Angle
12 LEDs	120°
SDCM	Dimmable
<3	Yes

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		3oz	White	-5°C ~ +40°C
Lifespan	ERP	Warranty	Dimensions	
50,000 hrs	E	7 Years	(IP20/IP65NA) W10 x H1.5mm (IP67) W12 x H4.8mm	

Wire Colours	
BLACK	V+ DC
WHITE	W-
YELLOW	WW-

Dimensions

IP20/IP65NA	
IP67	

Available SKUs

SKU	W/m	CCT	IP Rating	Length
HD24-2765K725M	7.2W/m	2700~6500K	IP20	5M
HD24-2K4K725M	7.2W/m	2000~4000K	IP20	5M
HD24-2765K1445M	14.4W/m	2700~6500K	IP20	5M
HD24-2K4K1445M	14.4W/m	2000~4000K	IP20	5M
HD24-2765K5M	24.0W/m	2700~6500K	IP20	5M
HD24-2765K725M65	7.2W/m	2700~6500K	IP65 Nano	5M
HD24-2K4K725M65	7.2W/m	2000~4000K	IP65 Nano	5M
HD24-2765K1445M65	14.4W/m	2700~6500K	IP65 Nano	5M
HD24-2K4K1445M65	14.4W/m	2000~4000K	IP65 Nano	5M
HD24-2765K1925M65	19.2W/m	2700~6500K	IP65 Nano	5M
HD24-2K4K1925M65	19.2W/m	2000~4000K	IP65 Nano	5M
HD24-2765K725M67	7.2W/m	2700~6500K	IP67	5M
HD24-2K4K725M67	7.2W/m	2000~4000K	IP67	5M
HD24-2765K1445M67	14.4W/m	2700~6500K	IP67	5M
HD24-2K4K1445M67	14.4W/m	2000~4000K	IP67	5M
HD24-2765K1925M67	19.2W/m	2700~6500K	IP67	5M
HD24-2K4K1925M67	19.2W/m	2000~4000K	IP67	5M

Recommended Accessories/Products

Type	IP Rating	SKU	Colour/Material	Note
Cable	IP20	TC3C.5	Black, White	3 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