

Professional High Efficiency Series LED Strip Light

24V - 144 LEDs per metre - IP20

tagra®

SKU: PH24-144



24V

144
LEDs/m

7.7
Watts/m

62.5
(mm)
Cut Point

7YR
Warranty

Key Features

- Available in 2100K, 2300K, 2700K, 3000K, 4000K & 6000K
- 62.5mm Cut Points
- 144 LEDs per metre
- Up to 1505 Lumens per metre
- Energy Rating C
- Available in IP20
- <2 SDCM
- 7 Year Warranty

Electrical Data

Voltage	Max. Current	Typ. Current	Current 5M	Max. Power	Typ. Wattage	Power 5M
24V	0.32A/m	0.29A/m	1.2A	7.7W/m	7.0W/m	28.8W

Photometric Data

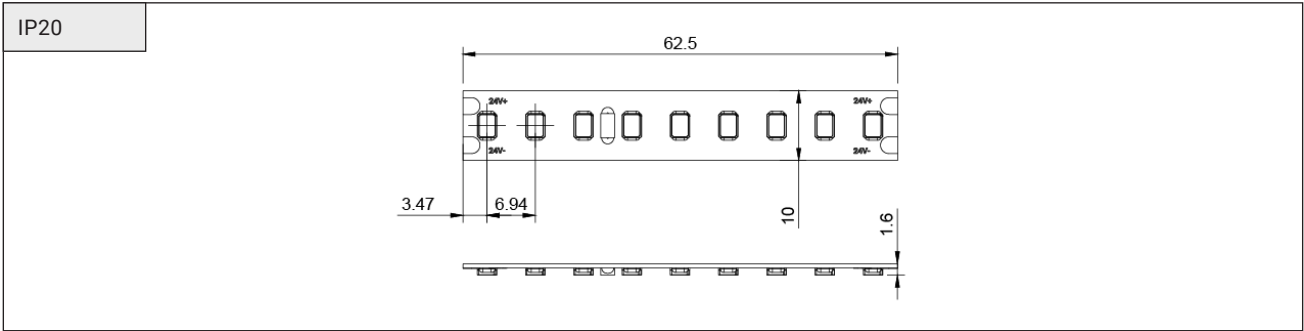
Colour Temperature	CCT/Wavelength	Lumens/m	LED Chip	LEDs/m	LEDs/unit
Amber	2100K	1203lm	2835	144 LEDs	9 LEDs
Very Warm White	2300K	1302lm	Cut Points	CRI	Beam Angle
Very Warm White	2700K	1415lm	62.5mm	>80	120°
Warm White	3000K	1435lm	SDCM	Dimmable	IC Type
Warm White	3000K	1435lm	<2	Yes	
Neutral White	4000K	1505lm	Pixels/m	Pixels/unit	PWM Rate
Neutral White	4000K	1505lm			
Cool White	6000K	1400lm			
Cool White	6000K	1400lm			

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	2oz	White	-5°C ~ +40°C		
Lifespan	Energy Rating	Warranty	Dimensions		
60,000 hrs	C	7 Years	(IP20) W10 x H1.6mm		

Wire Colours	
RED	V+ DC
BLACK	Ground GND

Dimensions



Available SKUs

SKU	CCT	IP Rating	Length
PH24-21K-144-5M-80	2100K	IP20	5M
PH24-23K-144-5M-80	2300K	IP20	5M
PH24-27K-144-5M-80	2700K	IP20	5M
PH24-3K-144-5M-80	3000K	IP20	5M
PH24-4K-144-5M-80	4000K	IP20	5M
PH24-6K-144-5M-80	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	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
Cable	IP20	TC2C.5	Black, White	2 Core Cable
Controller	IP20	USCZONEESP-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