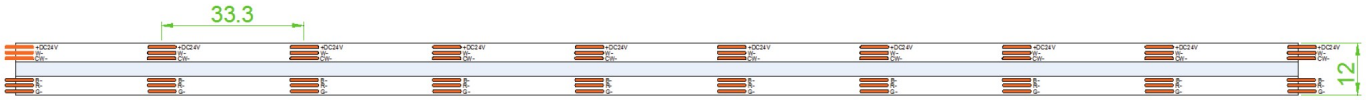
ARC-MT-16W-CCT-COB

· RGBWCW multi-color: RGB + 1800K warm white + 6500K cool white.
· 1050 chips/m, LED chip mounted on PCB directly, no lighting dot.
· Double layer 3oz PCB (top-layer 1oz, bottom-layer 2oz).
· High brightness and flexible, can be cut and customized with easy-to-use accessories.
· Dimmable. Low voltage DC24V, IP20.
· UL/CE certification





Cutting Unit : 33.3mm(1.31")

Input voltage: DC24V
Power (total): 16W/m
Color: RGBWCW
tape IP: IP20
Dimmable: Yes
Warranty: 5 years

Max.length: 10000mm
Cutting unit: 33.3mm(1.31")
LEDs/m: 1050
Dimensions: 12mm*2.3mm
PCB: double layer 3oz

Color

RGB + 1800K + 6500K

5 channels: red, green, blue,
warm white (W) and cool white (CW).

【Photo-electric Parameters】

Color	Wavelength / CCT	Power (W/m)	Lumen (lm/m)	Lumen (lm/ft)	lm/W
R	615-630nm	16	1145	349	72
G	520-535nm				
B	455-470nm				
WW	1800K				
CW	6500K				

1.Power and lumen values are totals for all channels on.
2.lm/ft and lm/W are calculated from the per-metre values.
3.the output data is based on IP20/1meter, data of 5m is only for reference.

Electronic & output data

IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
IP20		No proof	12mm*2.3mm	RGB + 1800K + 6500K	100%

Precautions

· Please drive the led strip with 24VDC isolated power, and the ripple of the constant voltage source should be less than 5%.
· DO NOT twist the strip, especially the emitting point, in case damage of LED chip.
· Do not fold it in case any damage of LED chip. Do not pull the power wire hard to ensure the longevity.
· Please make sure the wire is connected to the anode and cathode correctly. The power output should be consistent with the voltage of the strip.
· LED lights should be stored in dry, sealed environment. Please use the strips without waterproof within indoor environment with humidity less than 70%.
· Please be careful during operation. Do not touch the AC power supply in case of electric shock.
· Please leave at least 20% power for the power supply during using to ensure there is enough power supply to drive the product.
· Do not use any acid or alkaline adhesives to fix the product (e.g.: glass cement).