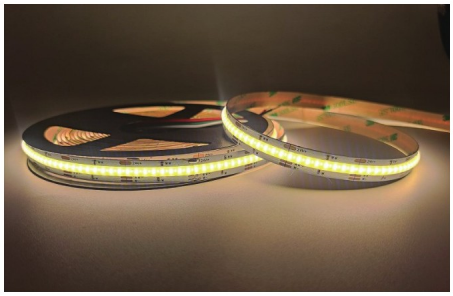
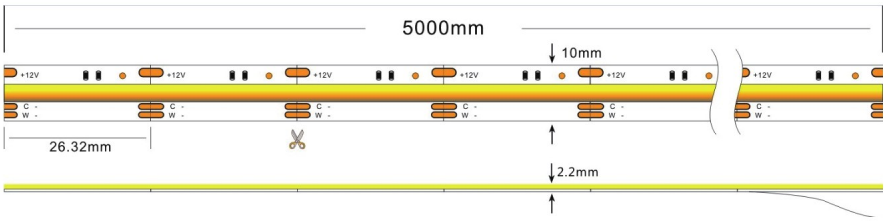
ARC-MT-16W-CCT-COB



· High density COB chips, completely uniform light line without any light dot or dark area.
· CCT tunable: 2700K + 6500K. 90+ CRI, 180° beam angle.
· Double layer 3oz PCB (top-layer 1oz, bottom-layer 2oz).
· High brightness and flexible, can be cut and customized with easy-to-use accessories.
· Life 50,000+ hours, IP20.
· UL/CE certification



Cutting Unit : 26.32mm(1.04")

Input voltage: DC24V
CRI: >90
Power (mix): 16W/m
Beam angle: 180°
tape IP: IP20
Lifetime: 50,000+ hours
Warranty: 5 years

Max.length: 10000mm(16.4')
Cutting unit: 26.32mm(1.04")
LEDs/m: 608
Width: 10mm(0.39")
Thickness: 2.2mm
PCB: double layer 3oz

CCT Kelvin

1800K	+	6500K

Tunable white, 2 channels:
warm white (W) and cool white (C).

Photo-electric Parameters

CRI	Color	CCT	Power (W/m)	Lumen (lm/m)	Lumen (lm/ft)	lm/W
Ra>90	Tunable white (mix)	1800K + 6500K	16	2100	640	131

1.Power and lumen values are measured with both channels on (mix).
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			10mm*2.2mm	1800K + 6500K (tunable)	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).