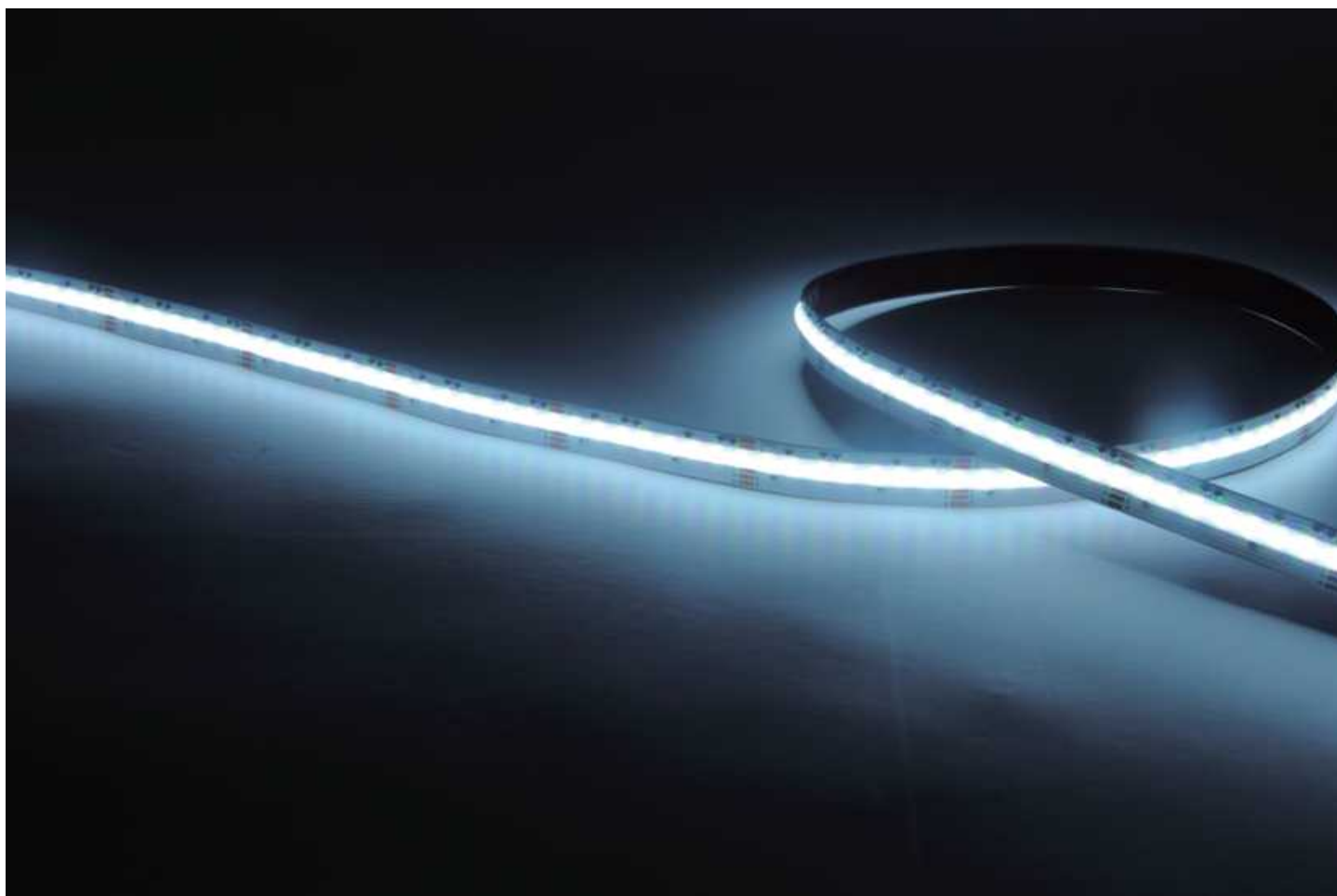


COB LED Tape Light



Product Fetures

- Flip chips on FPC,dot free and perfectly homogeneous linear LED light line.
- Supplied in 5m reels, constant voltage DC24V.
- Double layer copper pcb in 3 ounces for better heat dissipation and long lifetime.
- RGBW color.
- 5 years warranty.

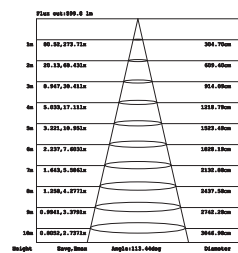
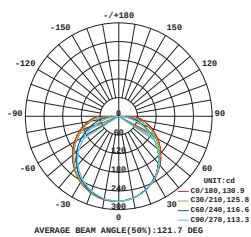
Item Code

ES	FS	COB	RGBW	24	Y
Company Brand	Product type	LEDs Type	Color	Voltage Circuit Type	IP Index
Artdeled	Flexible Strip	Flip chips	RGBW	24VDC & Constant Voltage	IP20

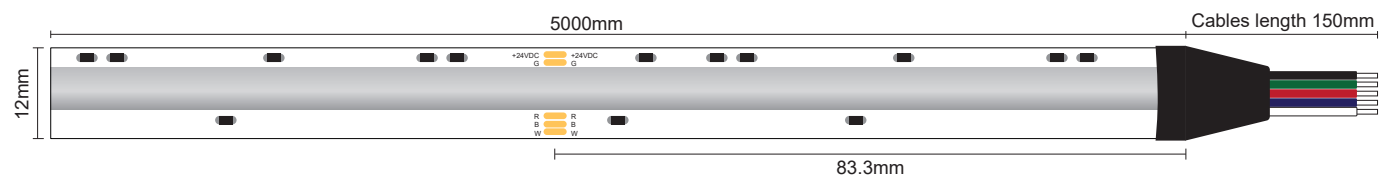
Optical parameter

Item	Wave lengths	Lumen/M	Power/M	Voltage	Max.Run (single end feed)	Minimum section	FPC copper
COB LED Tape Light	 RGBW	680LM	<15W	24VDC	5M	83.3mm	3OZ
	2700K	220LM	<3.5W				
	 RGB	440LM	<11.5W				

Luminous intensity distribution diagram



Dimension

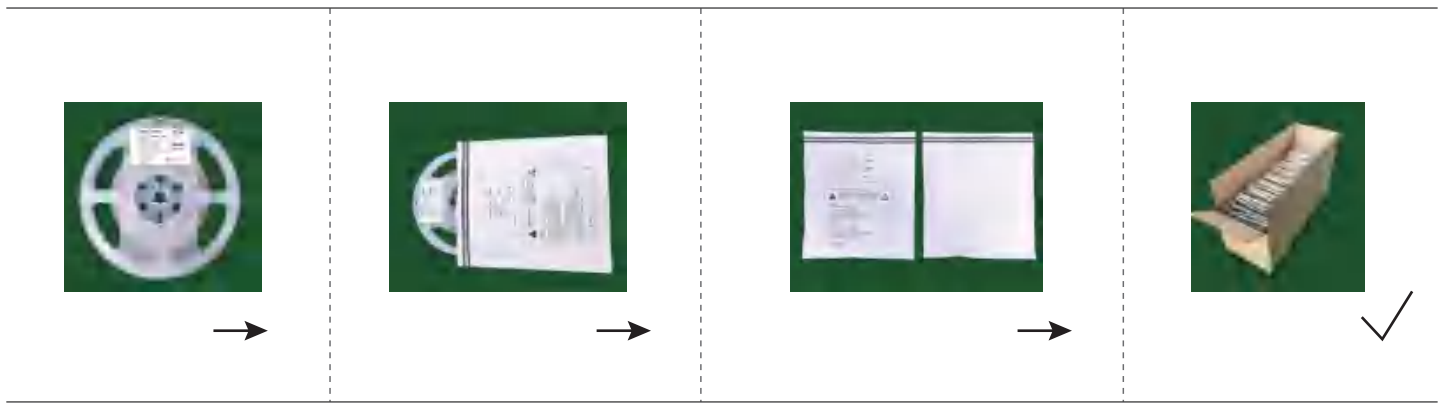


Fast Connectors



Splice connector 12mm 5PIN
Connector with cables 12mm 5PIN
Jumper connector 12mm 5PIN

Packaging



Aluminium foil bag	IP Index	Length per pcs	Qty.(pcs)/Carton	Qty.(m)/Carton	Carton dimension
215x245mm	IP20	5m/pcs	50pcs	250M	700×270×270mm
215x245mm	IP20	5m/pcs	60pcs	300M	395×395×240mm

M_{series} LED controller M4/M8



RF WIRELESS



Wall-mounted



warranty
5 years



(EMC, R&TTE)

M series LED controller is compatible with 8 kinds remotes of different function(patent technology).which means using one receiver could experience single color/CT dimming,RGB/RGBW adjustment to meet customers' different lighting requirements.With the RF remote,speed/brightness adjustment.customise color and lighting changing modes selection could all be achieved.

Parameter:

Remote(RGBW):

- Model: M4/M8
- Working Voltage: 3VDC (battery Cr2032)
- Working Frequency: 433.92MHz
- Remote Distance: 40~50m
- Working Temp.: -20°C~55°C
- Weight(N.W.): 42g

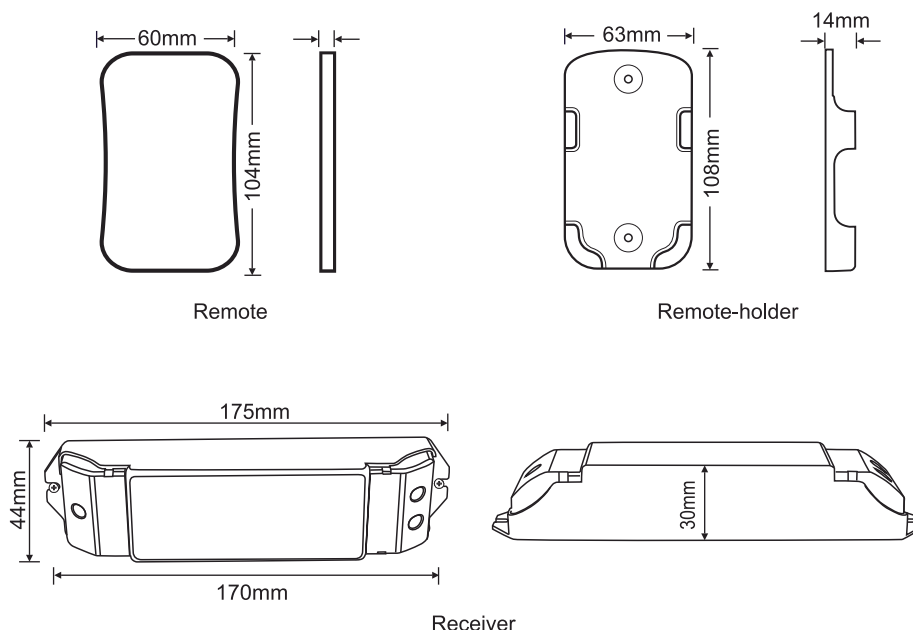
CV Receiver(G.W.):

- Model: M4-5A
- Input Voltage: 5VDC~24VDC
- Max Current Load: 5Ax4CH max 20A
- Max Output Power: 100W/240W/480W(5V/12V/24V)
- Gray Scale Level: Max 4096x4096x4096x4096
- Working Temp.: -30°C~55°C
- Weight(N.W.): 125g

CC Receiver(RGBW):

- Model: M4-CC
- Input Voltage: 12VDC~48VDC
- Output Voltage: 3V~46V
- Load Current: CC350mA/700mA/1050mA x 4CH
- Output Power: 1.05W~48.3W x 4CH Max 193.2W
- Gray Scale Level: Max 4096x4096x4096x4096
- Working Temp.: -30°C~55°C
- Weight(N.W.): 125g

Product Size:



The Learning ID Merthod of Remote Control:

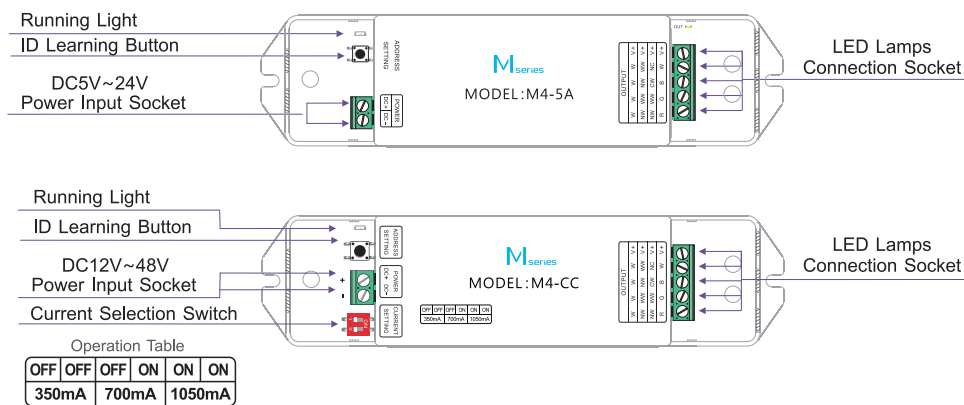
Remote control has been matched to the receiver before leave factory,if deleted accidentally,you can learn ID as follow.

Learning ID:Short press ID learning button on the receiver M3-3A,the running light is on,then press any key on the remote control,the running light flashes several times, activated.

Cancel ID:long press ID learning button on the receiver for 5 seconds.

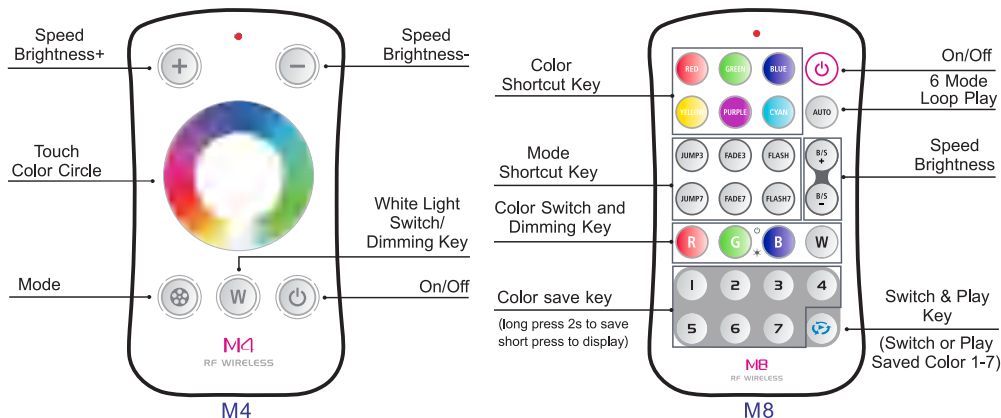
Attn:one receiver can be matched with max 10 same or different kinds remote.

Operating Instruction for Receiver:



Operating Instruction for Remote Control:

Sleep Mode: the M4 remote goes on a standby mode to save power when not in use for 30s. press any key to continue.



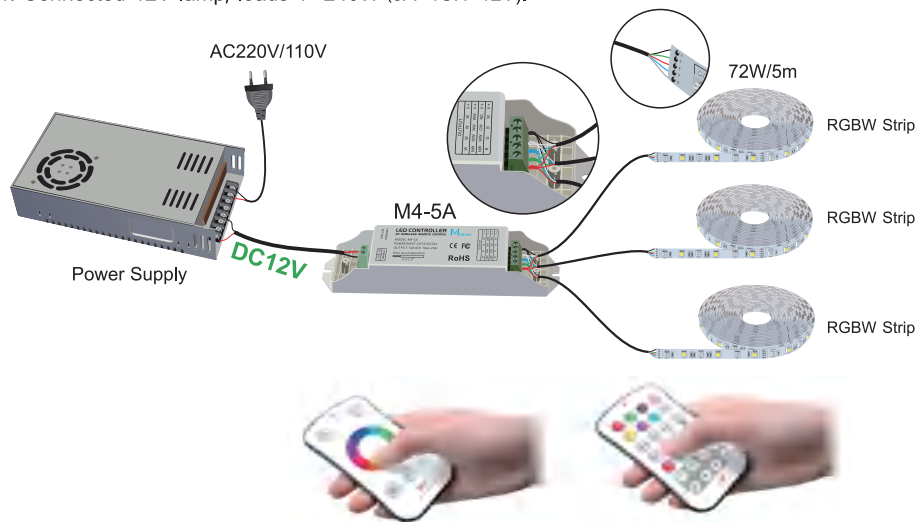
M4 Changing Mode Table

No.	Mode	Instrucion	No.	Mode	Instrucion
1	Static Red	Brightness Adjustable	7	Static White	Brightness Adjustable
2	Static Green	Brightness Adjustable	8	RGB Skipping	Speed/Brightness Adjustable
3	Static Blue	Brightness Adjustable	9	7 Colors Skipping	Speed/Brightness Adjustable
4	Static Yellow	Brightness Adjustable	10	RGB Color Smooth	Speed/Brightness Adjustable
5	Static Purple	Brightness Adjustable	11	Full-color Smooth	Speed/Brightness Adjustable
6	Static Cyan	Brightness Adjustable	12	Static Black	White light can be turn/off and adjusted

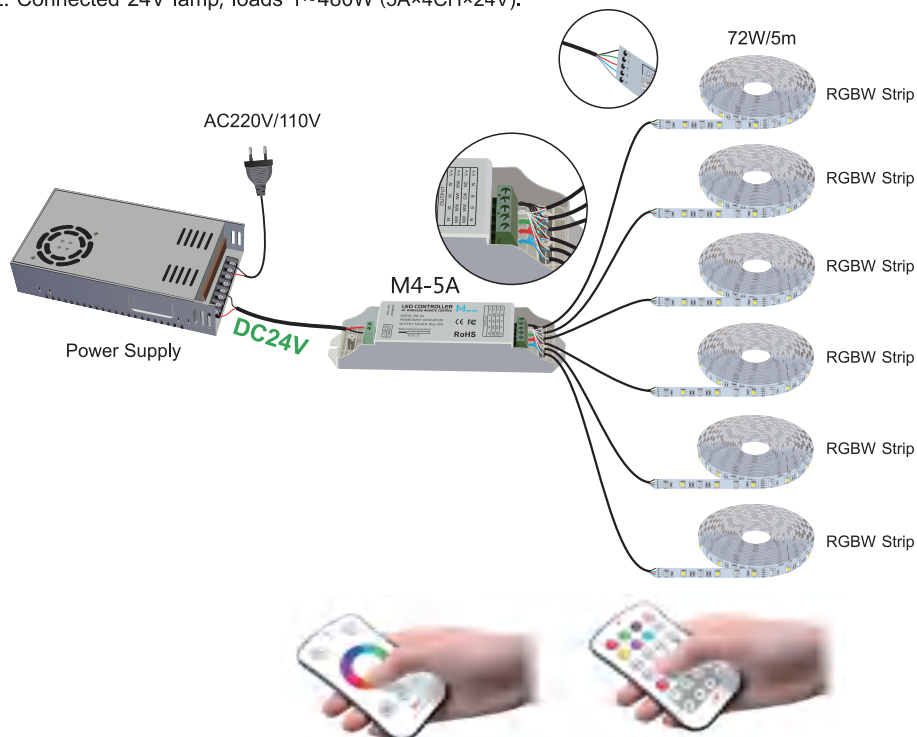
Wiring Diagram:

A. CV Receiver

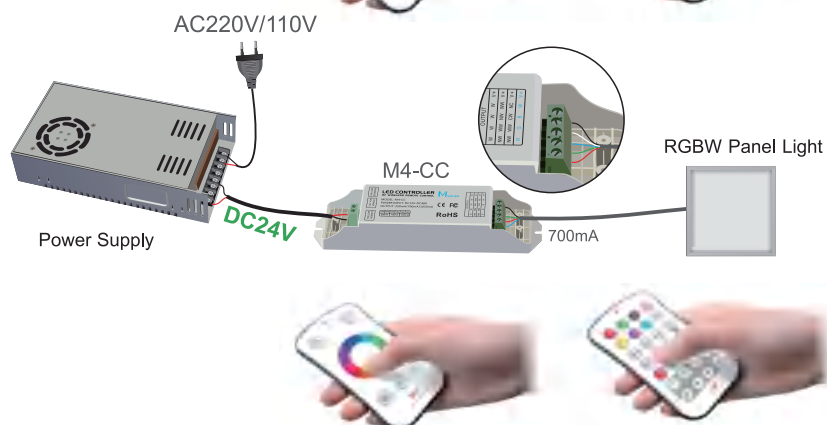
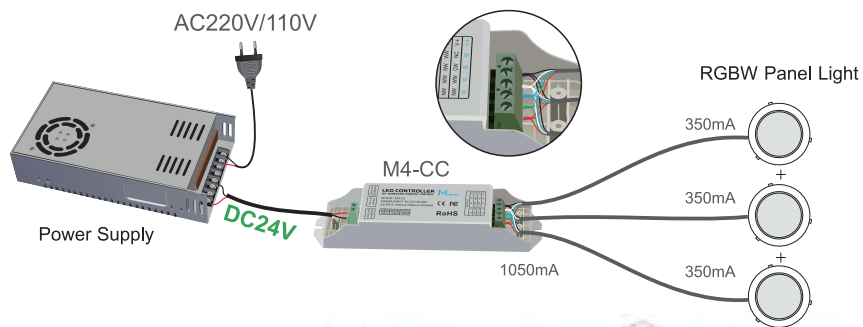
E.g. 1: Connected 12V lamp, loads 1~240W (5A×4CH×12V).



E.g. 2: Connected 24V lamp, loads 1~480W (5A×4CH×24V).



B. CC Receiver



Attention:

- 1.The product shall be installed and serviced by a qualified person.
- 2.This product is non-waterproof.Please avoid the sun and rain.When installed outdoors please ensure it is mounted in a water proof enclosure.
- 3.Good heat dissipation will prolong the working life of the controller.Please ensure good ventilation.
- 4.Please check if the output voltage of any LED power supplies used comply with the working voltage of the product.
5. Please ensure that adequate sized cable is used from the controller to the LED lights to carry the current.
Please also ensure that the cable is secured tightly in the connector.
- 6.Ensure all wire connections and polarities are correct before applying power to avoid any damages to the LED lights.
- 7.If a fault occurs please return the product to your supplier.Do not attempt to fix this product by yourself.

Warranty Agreement:

- 1.We provide lifelong technical assistance with this product:
 - A 5-year warranty is given from the date of purchase.The warranty is for free repair of replacement and covers manufacturing faults only.
 - For faults beyond the 5-year warranty we reserve the right to charge for time and parts.
 - 2.Warranty exclusions below:
 - Any man-made damages caused from improper operation,or connecting to excess voltage and overloading.
 - The product appears to have excessive physical damage.
 - Damage due to natural disasters and force majeure.
 - Warranty label,fragile label and unique barcode label have been damaged.
 - The product has been replaced by a brand new product.
 - 3.Repair or replacement as provided under this warranty is the exclusive remedy to the customer.Artdeled shall not be liable for any incidental or consequential damages for breach of any stipulation in this warranty.
 - 4.Any amendment or adjustment to this warranty must be approved in writing
- ★ This manual only applies to this model.Artdeled reserves the right to make change without prior notice.