



Mehrlicht Industries Inc

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ML-CMK-3CC-1F

3 Channel CC/CV LED Driver

plus Fan controller with Timer

Tunable White operation Night Light dimmer

[Product Description - ML-CMK-3CC-1F](#)

This RF / WiFi receiver is installed in a ceiling, and can power up to 6 CC type CCT LED fixtures plus up to 6 night lights, plus an exhaust fan.

Max output is 660 mA pr channel, overloading is not possible, that said – remove power when doing installation work.

Remote control via Kinetic switch

Many remote control switch options are available.
Single gang, dual gang, 86x86 mm.

Wifi control via App

If WiFi control is needed, pair the receiver with your WiFi network for full control options.

2 x 2 inch Format

This device fits inside any junction box, typically ceiling mounted



Application examples

- **Bathroom**
 - main lights with CCT
 - Night Light or Shower light
 - exhaust Fan with timer
- **Stairs**
 - main lights with CCT
 - step Lights
 - timer controlled
- **Living Room**
 - main lights with CCT
 - multiple receivers acting together
 - Night Light
 - HVAC transfer fan
- **Garage**
 - Fixed main lights – 70 watts
 - Coach lights
 - outdoor landscape lights
- **Split Mode**
 - one controller , 4 rooms
 - Hallway
 - Outdoor Sconce
 - Mudroom
 - Laundry with Fan

Typical Loads with 51v supply

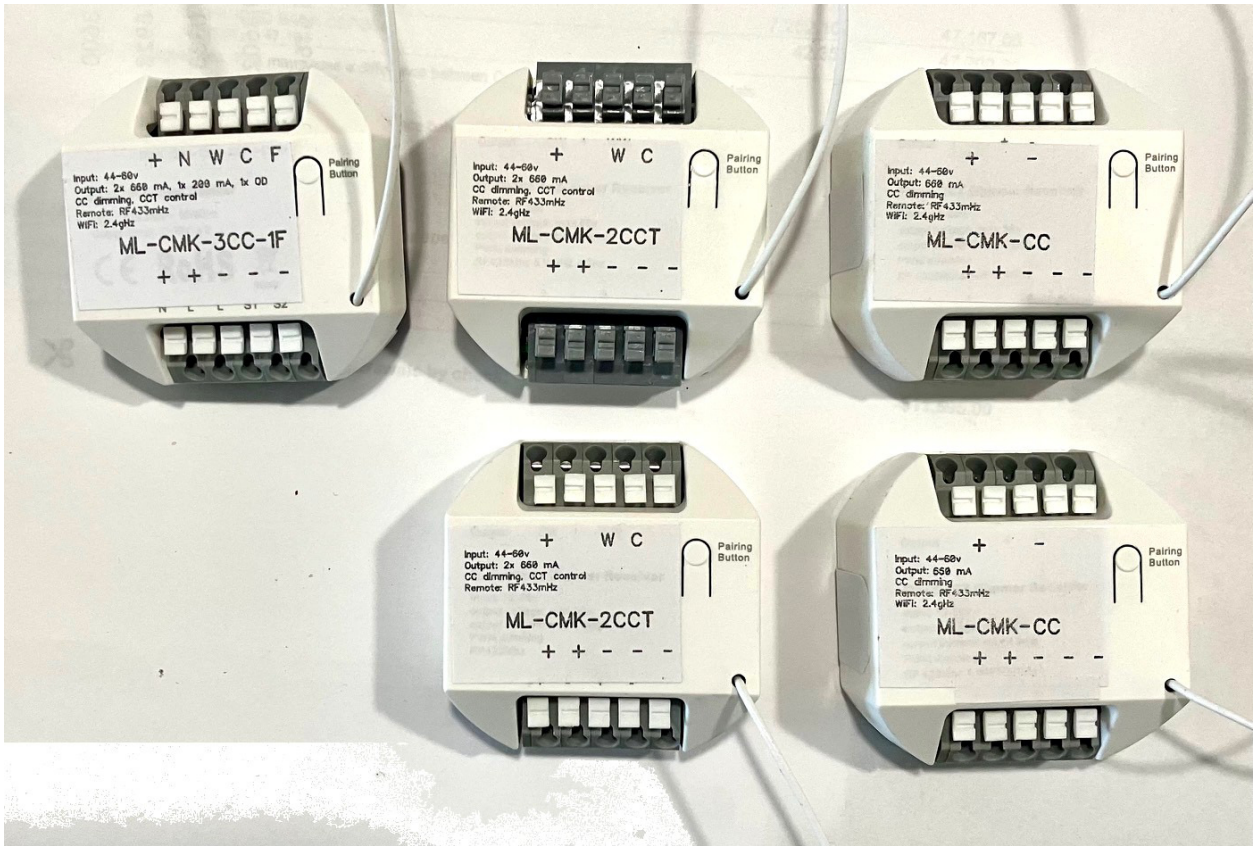
Model	Count	CCT mode	Diameter	Watts / bulb
P023R6-Q2C-27/5000K	8	CCT Tunable	4	6
P02106-Q2C-27/5000K	8	CCT Tunable	6	7.5
DL-98B / DL127	5	CCT Tunable	2.75	7
DL-120-660mA-3500K	10	Fixed	4	7
DL-125 / DL-120	5	CCT Tunable	4	7
TL-60 27/5000K	5	CCT Tunable	2	7
TL-120 27/5000K	5	CCT Tunable	4	7
P023R11-1440mA-27/5000K	5	CCT Tunable	6	12
ML-SL-42v1.5w-27/5000K	40 ft	CCT Tunable	Strip	
ML-SL-51v2.5w-27/5000K	30 ft	CCT Tunable	Strip	
P023R6-51v6w	9-12	Fixed	4	6
Cleanlife CL type Fixed 7w	10	Fixed	5	7
Cleanlife CL type CCT 7w	10	CCT Tunable	5	7
E26-48v6w	12	Fixed	A19	6
E12-48v3w	20	Fixed	C35	3.5
G9	14	Fixed		5
G4	14	Fixed		5
G10	14	Fixed		5

Specifications

Power source	24v to 58vdc Power pass thru to next receiver
LED Output Connector	Spring Clamp system
Control Method	433 mHz remotes WiFi with smart App
LED Outputs	2x 660 mA (jumper selectable to 330 mA) 1x 330 mA 1x On/Off
On/ Off (Fan) output	1x 1000 mA driver without dimming or current limiter
Voltage Output	9 to Vin – max output equals input voltage
Operating Temperature	0°C ~ 50°C
Size	51 mm x 51 mm x 24 mm
Hot Swap	No – remove power when installing

Ordering part numbers

Model	WiFi	UPC Code
ML-CMK-3CC-1F	Yes	
ML-CMK-3CC-1F-L	No	
ML-CMK-2CC	Yes	
ML-CMK-1CC	Yes	
1 gang 2 button remote		
1 gang 4 button remote		
86x86 3 button remote		



Receivers



Remotes



86x86 Remotes

