

LED Intelligent CT Driver (constant voltage)

- Dimming interface: 0-10V(1-10V/10V PWM/RX), Push DIM/CCT
- 0-10V DIM and color temperature adjusting driver, 2 independently SELV constant voltage output channels.
- Constant power design, adjust different color temperature to keep the same brightness.
- Dimming range from 0-100%, LED start at 0.1% possible.
- With soft-on and fade in function, visual more comfortable.
- 0~100% flicker-free, High frequency exemption level.
- Color temperature adjusting range: 2700-6500K
- Automatic recognition of 0-10V, 1-10V input signal.
- Ultra-low consumption of 0-10V ports: < 0.05mA.
- Innovative thermal management technology, intelligent power life protection.
- Over-heat / Over voltage / Over load / Short circuit protection, recover automatically.
- Fully-protected plastic housing with design of dismountable end cover.
- Compliant with Safety Extra Low Voltage standard.
- \bullet Suitable for indoor $\mathbb{I}/\mathbb{II}/\mathbb{II}$ type lamps application.
- Up to 50000-hour life time.
- 5 years warranty (Rubycon capacitor)







Flicker-free

IEEE 1789 High frequency exemption level



















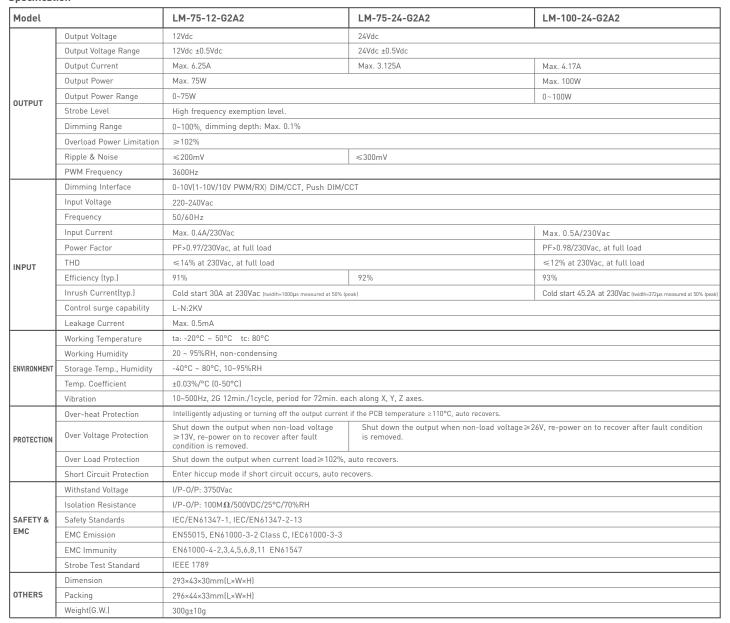








Specification



* The driver is suitable for connecting resistor current-limiting LED fixture (e.g. LED strip). The inrush current will be dozens of times increased if connecting built-in constant current IC current-limiting LED fixtures, the driver will activate the overloaded protection (hiccups flickering). When you order, please remark controlling the constant current LED fixture (e.g. MR16 lamp, underground light, LED wall washer, constant current LED strip, etc.), then we can prepare the special programs.

Dimensions

Unit: mm







0-10V/Push DIM/CCT

Wiring Diagram

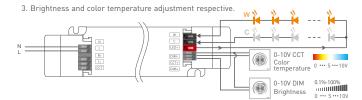
0-10V Connection





2. Color temperature adjustment.



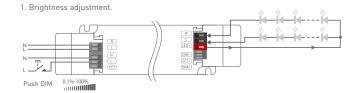


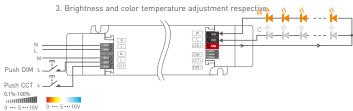
4. Brightness and color temperature adjustment simultaneous.

9 0-10V CCT
0-10V DIM
0-

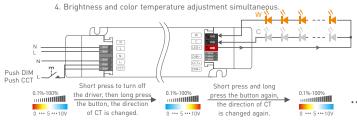
adiustment simultaneous

Push DIM/CCT Connection





2. Color temperature adjustment.



* Dimming interface priority: First 0-10V, next Push DIM/CCT.

* Adopting constant power program design, it keeps the same brightness in color temperature dimming, twice the rated power load can be connected.

75W driver, 75W X 2CH load can be connected, the total power of the 2 channels will be kept in 75W.

100W driver, 100W X 2CH load can be connected, the total power of the 2 channels will be kept in 100W.

Push DIM/CCT

DIM

- On/off control: Short press.
- Stepless dimming: Long press.
- With every other long press, the brightness goes to the opposite direction.
- Dimming memory: Brightness will be the same as previously adjusted when turning on again.

CCT

- Color temperature adjustment: Long press.
- With every other long press, the color temperature level goes to the opposite direction.
- Color temperature memory: Color temperature will be the same as previously adjusted when turning on again.



Reset switch

2

DIM/CCT

- On/off control: Short press.
- Stepless dimming and changing color: Long press.
- \bullet With every other long press, the CT goes to the opposite direction.
- Dimming memory: Brightness will be the same as previously adjusted when turning on again.

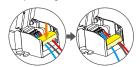
E.g.:LM-75-12-G2A2

* Applicable to brightness adjustment, color temperature adjustment and brightness/CT adjustment respective of Push DIM/CCT connection.

Application of Protective Cover

Wire pressing board:

Reset switch



Push the wire pressing board to fix the wire



Push outward the side plate, meanwhile use the tool to uninstall the wire pressing board.

* Applicable to brightness and CT adjustment simultaneous of Push DIM/CCT connection.

Uninstall protective cover:

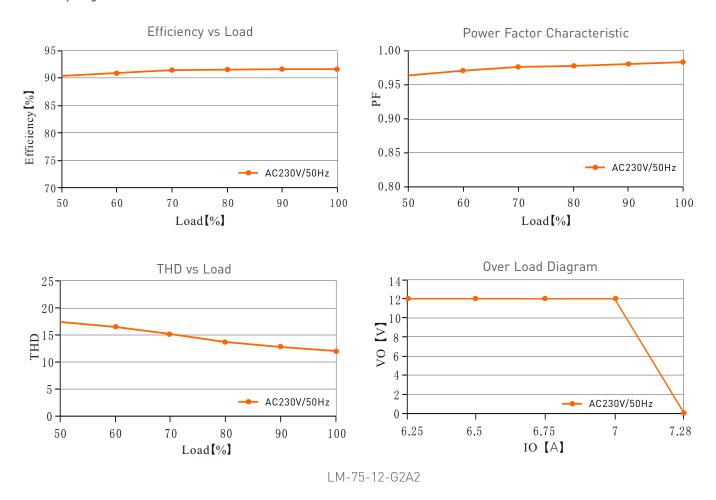


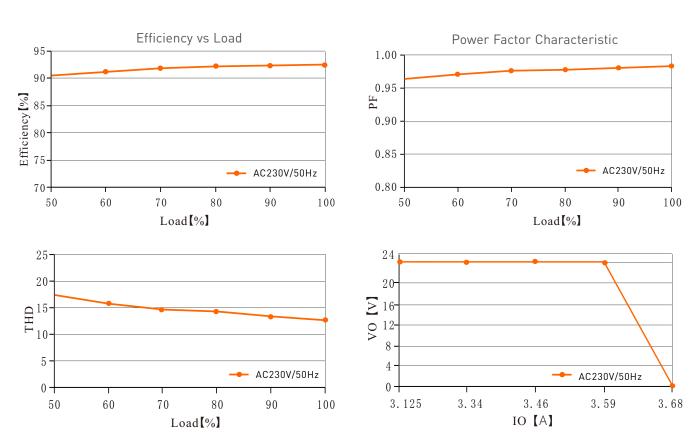
Break off the bottom left and right to remove the protective cover.





Relationship Diagrams

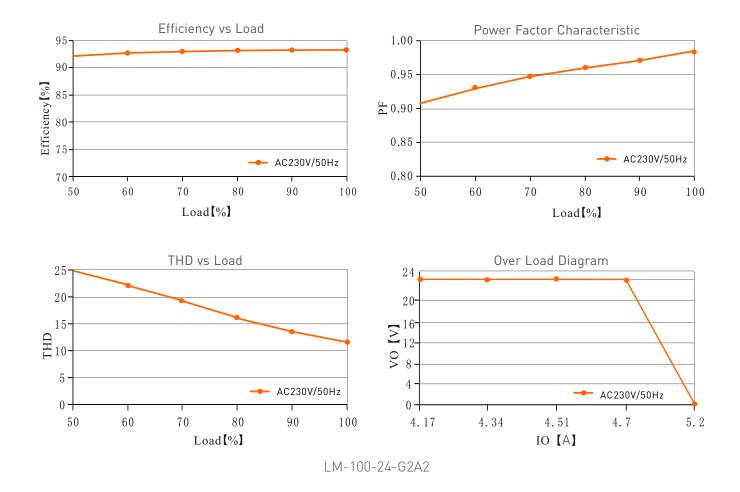


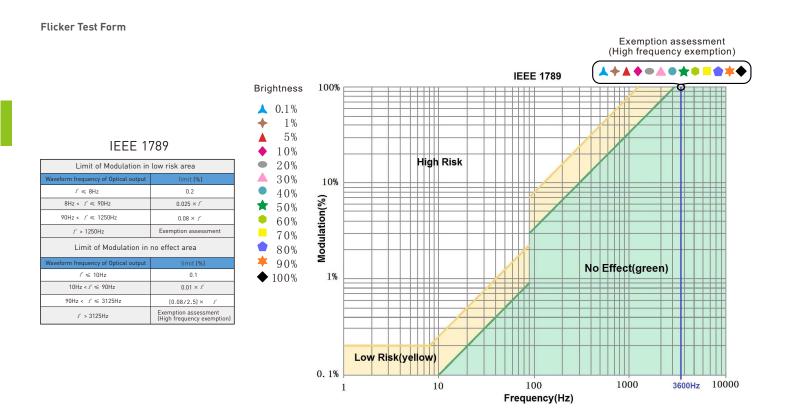


LM-75-24-G2A2









^{*} No further notice if any changes in the manual. Product function depends on the goods. Please feel free to contact your supplier if any question.