



General

Product Type	Controller
Length (mm)	86
Width (mm)	86
Height (mm)	50
Housing Color	White
Housing Material	PC
Mounting	Built-in
Weight (g)	220

Electronics

Input Domain	AC
Input Voltage	100 ~ 240V AC
Output Current Max. (A)	0.015
Power Supply	Internal
LED Outputs	1
Input Frequency	50 ~ 60Hz
Inrush Current	50A @ 230VAC

Lighting

Color Range	Single Color
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Control

Output Signal	0~10V
Control	0-10V
Number of Channels	1

Environmental

Operating Temperature	-10 ~ +50 °C
Ingress Protection	IP20



IP20 5^{year} warranty

Disclaimer

Due to the technical evolution and improvement of our products, the data provided in this document may be updated on a regular basis, and as such, confirmation of this information is strongly recommended prior to the order process. OneEightyOne is not responsible for any discrepancies in this document following changes in our products. We reserve the right to make technical changes to our products and to change information, at its sole discretion, without notice.



0-10V Dimmer

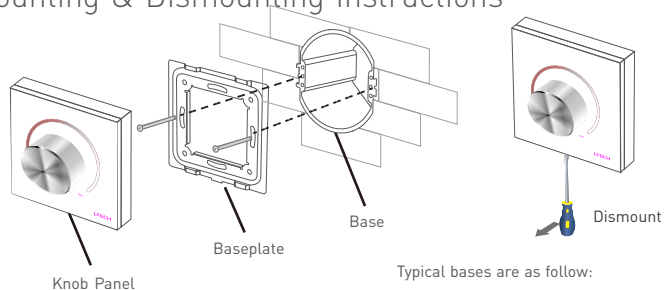
Model: E610P



FC CE RoHS [warranty 5 years]



Mounting & Dismounting Instructions



Typical bases are as follow:

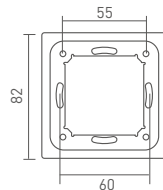
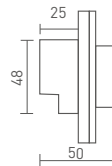
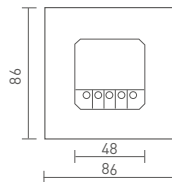


European style



86 Type

Product Size Unit: mm

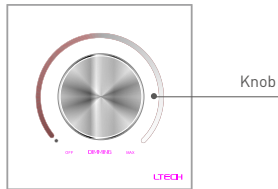


Technical Specs

E610P 0-10V Dimmer

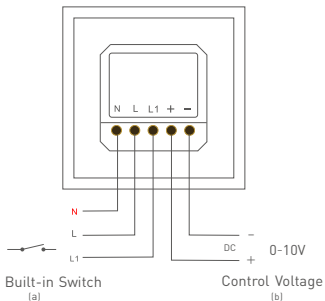
Input Voltage:	100~240Vac, 50-60Hz	Working Temp.:	-10℃~55℃
Switching Power:	90~250Vac, 5A	Dimensions:	L86×W86×H50(mm)
Output:	0~10V Max. 15mA	Package Size:	L106×W106×H60(mm)
Inrush current:	≤50A / 0.1S	Weight(G.W.):	220g

Key Functions



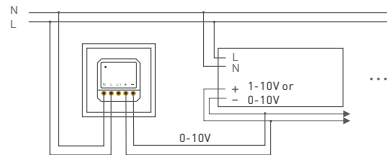
- * Turn the knob clockwise, the brightness increases.
- * Turn the knob counterclockwise, the brightness decreases. Turn the knob counterclockwise to the end, dimmers will be turned off. (A click can be heard)

Terminals

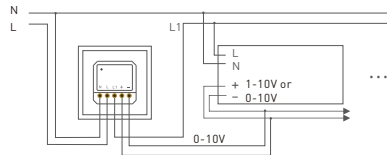


Wiring Diagram

1. Dimming

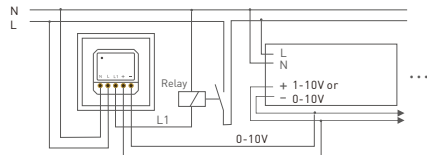


2. Built-in Power Switch



* An external high-power relay switch is needed when total load current of the dimmer switch is more than 5A or inrush current is more than 50A/0.1S. The damaged switch resulting from overload current is out of warranty.

3. External Relay Switch



* This manual is subject to changes without further notice. Product functions depend on the goods. Please feel free to contact our official distributors if you have any question.