

## 0-10V Module

Nanolux now offers 0-10V control modules for all NCCS ready ballasts. The 0-10V module allows all Nanolux ballasts to run on any controller using 0-10V protocol.

0-10V Module uses the following protocol:

- Voltages for ON is 5V or more than 5V.
- OFF is 1V-0V
- Voltage range for dimming is from 100%-50% is 10V-5V.

Comes with 3-way splitter and 3-meter RJ11 cable



## 0-10V Controller

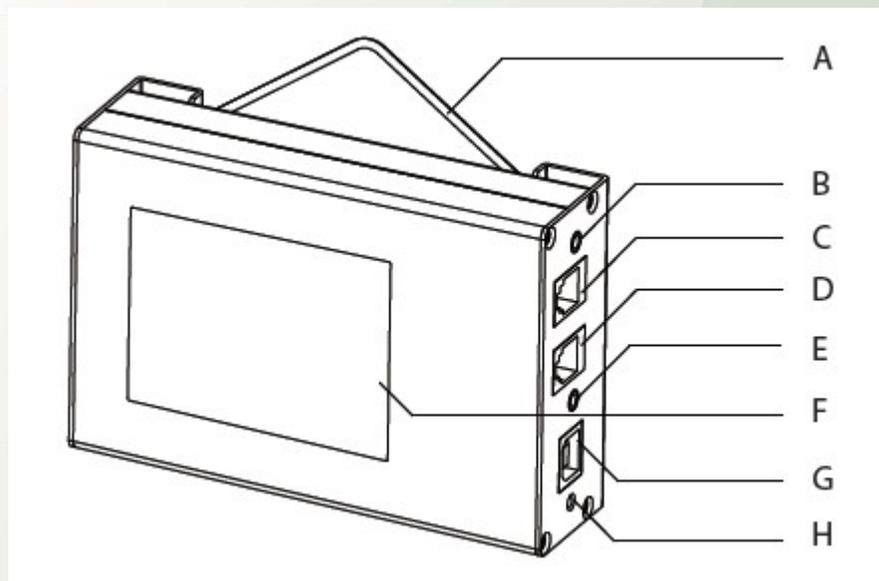


The Nanolux Smart Lighting Controller is designed to control two lighting groups in a greenhouse. You can control up to 60 lights per group. The controller uses 0-10V adjustable DC voltage to control ballast output power and switch on/off the ballast. The controller operates on a 24-hour time cycle. The controller also has the ability to simulate sunrise and sunset cycle from 10-60 minutes. Each of the two-lighting group channels has a room overheat protection function that can be set as needed. You can use the LCD touchscreen to easily view and modify the current settings for each channel. Moreover, the Smart Lighting Controller is portable, easily operated and installed.

# 0-10V Control System

Controller dimensions	107.0*73.6*30.5mm
Weight	0.5KG
Input	5VDC(120mA Max)
Maximum control voltage	11.5V
Maximum cable length per group	180m
Maximum number of ballasts per group	60pcs
Total number of ballasts per controller	120pcs

Temperature range	70°F-120°F
Operating humidity	<90%



*A. Hanger*

*B. 2.5 mm jack - group1 temperature sensor (group1 T1)*

*C. RJ11(4P4C) - group1 port for controlling up to 60 ballasts*

*D. RJ11(4P4C) - group2 port for controlling up to 60 ballasts*

*E. 2.5 mm jack - group2 temperature sensor (group1 T2)*

*F. LCD Display*

*G. 5V DC Input*

*H. Power Indicator*