

# 0-10V to PWM Dimming Synchronizer

## PRODUCT SPECIFICATION

LLL-0-10V-PWM-3.0

Date: \_\_\_\_\_ Quantity: \_\_\_\_\_

Company: \_\_\_\_\_

Project: \_\_\_\_\_

LLL-0-10V-PWM-3.0 is a high performance signal synchronizer converts 0-10V signal into 0% to 100% duty cycle PWM signal. This synchronizer can control multiple of wall washers in a daisy chain. Please consult the factory or refer to the wiring diagram for the impact of the run length regarding to the voltage drops in daisy chain connection.

### Features

- Dimming interface: 0-10V, 1-10V
- PWM digital dimming, no alter LED color rendering index
- Dimming range: 0-100%
- Suitable for indoor environments

### Electrical Specifications

Input (Power)	AC100-240V
Input (Signal)	0-10V (V+, V-)
Output (LED Out):	DC+, DC-, PWM
Standby Power	< 2W
Dimming Range	0-100%

### System Specifications

The maximum number of connected fixtures in a daisy chain:

Input Voltage	Max. run length includes power feed to the end of the fixtures in the daisy chain	Max. no of assorted length of fixtures can be clusted on a single contiguous run	Max. power allowable in a daisy chain	Version
24V	10 Meters	10 pcs	90W	US
24V	10 Meters	10 pcs	120W	Europe

Remark: The above values and number are only typical values. Actual number may vary due to the cable lengths and signal source.

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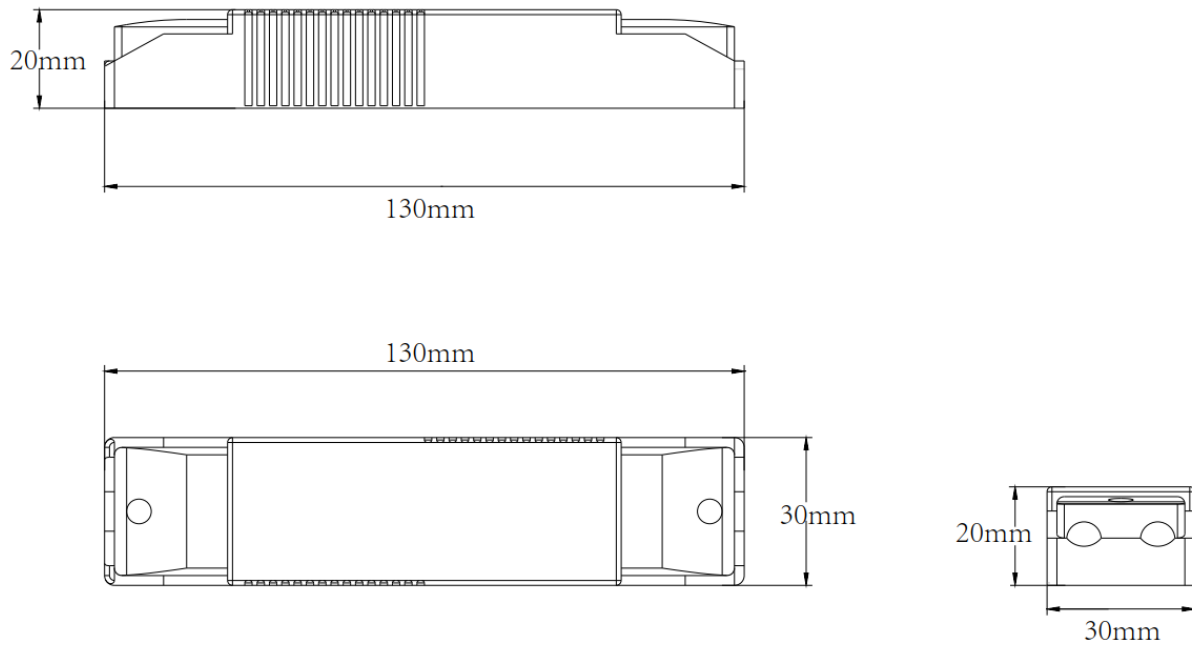
The core in the power and data cable are colored according to the following table:

Cable	Dimming	Function	Core(US)	Wire Size	Core(EU)	Wire Size
Power lead in/ Power extension Cable	0-10V	DC+	Red	18AWG	Brown	1.0mm <sup>2</sup>
		DC-	Black	18AWG	Blue	1.0mm <sup>2</sup>
		PWM	Yellow/Green	18AWG	Yellow/Green	1.0mm <sup>2</sup>

### Mechanical Specifications

IP rating	IP20
Weight	0.070kg
Dimension	L 130mm x W 30mm x H 20mm

### Dimension



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### Wiring Schematic

