

# hortiONE Dimmer

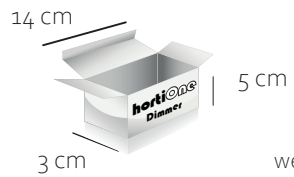
Datasheet, 2021



hortiONE Dimmer 0-10V

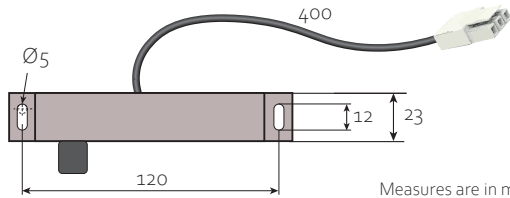
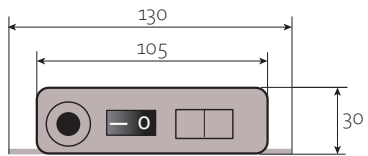
LED dimmer for 0 / 1-10V dimmable LED driver. No separate power supply is required. A 1-10V signal is generated. Plug & Play for all models of the hortIONE V2 series. Several dimmers can be connected to each other with an RJ11 / 12 telephone cable.

## Cardbox



weight: 110g

## Measurement



Measures are in mm

## Description

Rotary knob dimming level in %



Daisy chaining with RJ11 telephone-wire Input from compatible controller

- 1 - Knob aktive / dimmer active for standalone use.
- 0 - Knob inactive / dimming-signal through RJ11 connector



Connector for hortIONE V2

- 1- Dimming switch ON / Light ON
- 0 - Dimming-output 0V, lowest dimming-level or Power-Off for compatible driver (dim to off)

## Specification

Input Voltage	DC 1-10V
Output Current	40mA
Working Humidity	20 - 90% RH
Operating Temperature	-10 C° ~ 40C°
Measurement	130x23x30mm
Lifetime*	50.000h
Certificates	CE, RoHS, FCC

\* Ta 25C°

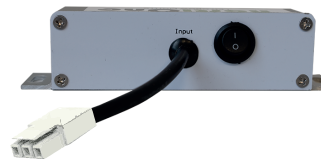
## Verpackungsinhalt

- 1x LED-Dimmer for hortIONE V2 Serie
- 2x RJ11 Connection-wire
- 1x Manual

## Order information

Article-No: A000050  
GTIN: 9120106280104

## Simple use case- single lamp



1. Connect your hortIONE V2 LED Panel with the Dimming switch
2. Switch on backside to 1 / ON



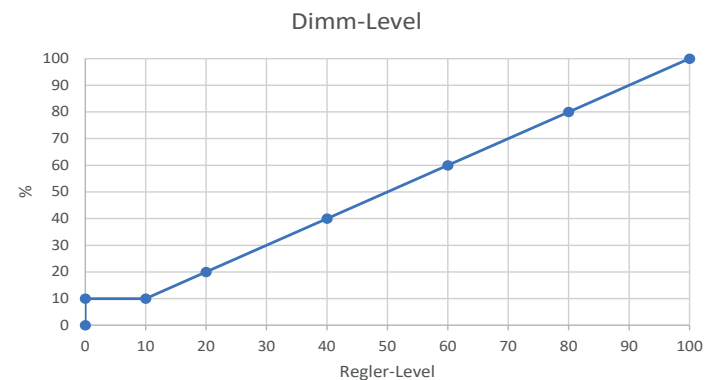
3. Switch on frontside to 1 / ON
- Adjust the dimming-level as required

## Application Daisy-Chaining

A dimmer is needed for each panel / LED driver. All LED lamps are dimmed to the same level. The dimming level is provided by the master. All other rotary controls are inactive in this mode. Up to 12 dimmers can be linked together. We only recommend connecting lamps to each other via the same fuse / circuit.



## Dimm-Level



hortiONE 368		hortiONE 592	
W	PPF μmol/s	W	PPF μmol/s
130	330	190	500
104	264	152	400
78	198	114	300
52	132	76	200
26	66	38	100

Driver with a dimm to off function can be powered off with the switch on the backside.