

UJS Light Sheet

English Controller Datasheet

DLS001

Category: 0-10V Dimming Controllers
Source model: DLS001
Internal reference: HOION-CTRL-071

Product Overview

Technical Details

Product Feature

- Isolated power supply
- Protected from over voltage, short circuit
- Output 0-10V signal
- Memory function, each time power-on reserve the mode which stop in the last power-down.
- 2.4GHz wireless control¼Air Self-inspection Sync control
- Compatible with Freelightng Control system¼realized phone WIFI smart control
- Push dimming function compatible
- Applicable place¼Home, Shop, Hotel, Office and so on household/commercial indoor lighting
- 3 years warranty.

Driver Technical Parameters

| Electrical Performance Test are all in 25â¼±10% temperature environment¼230VAC/50HZ input

|
Factor |
Index |
HX-HV-10V

|
Input | Voltage Range | 100-240VAC

| Frequency Range | 47-63Hz

| ð¼¥ Rate Current | 0.027A

| Surge Current | ≤50A

| Standby Power | ≤1.1W

| Port | 2 wire input (L/N)

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Output | Output Voltage | 0V-10VDC

| Output Current | 50MA

| Current accuracy | ±3%

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Reliability | Power Supply | Isolated Power Supply

| Working Temperature Ta | -20¼45â¼

| Case Max Working Temperature Tc | 85â¼ (working temperature 45â¼¼Max power)

DLS001

| Storage Temperature |

-40ï¼85â

(relative hnmidity 20%â90% non-condensing)

| Life | 50000 hours(25â±10% temperature environmentï¼230VAC inputï¼100%LOADï¼case temperature 72â)

| Warranty | 3 years

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Safety and EMC | Certification CE-LVD | EN61347-1âEN61347-2-13

| Electromagnetic Compatibility CE-EMC | EMIï¼EN55022âEN61000-3-3ï¼

EMSiï¼EN55024âEN61000-4-2ï¼3,4,5,6,11ï¼

| Withstand voltage | I/P-O-P:3.75KVAC

| Insulation Resistance | ≥100MΩ(in 25â±10â temperature environmentï¼lower than 70% relative hnmidity ï¼Input to outputï¼input to groundï¼output to groundï¼apply 500VDC voltage respectivelyï¼Time is 60s)

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Protection | IP | IP40

| Over Voltage Protection | Yes

| Short Circuit Protection | Yes

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Other | Wireless Control | 2.4GHz

| Push dimming way | PUSH port /V-

| Remote Control Distance | 30m

| Memory Function | Yes

| Product G.W. | 70g

| Product Size | L90*W45*H27mm

| Packing Size | L96*W48*H33mm

Port Instruction

Product Compatibility

ï¼

Applicable for remote

ï¼

|

Model

ï¼

HX-RFBT-2.4G

ï¼

Single zone

ï¼ |

Model:HX-RFBK-2.4G

ï¼

Multi-zone

ï¼ |

Model:

HX-HWP86-DIM-2.4G-4B

ï¼

Multi-zone

1 1/4"

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Model:HMW-WIFI-V02 (WIFI BOX)

(Coollight system)

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Typical Application

1) Compatible with a variety of models of remote control at the same time, could be matched according to project situation

2 1/4" Air Self-inspection Sync control not only make the product more advantaged than similar product in wireless sync function, but also make 1 remote controller out of limitation of remote control distance, theoretically achieve controlling numerous drivers wireless connection sync control function.

3 1/4" 4 zones remote typical application, multi drivers could be controlled in each zone. 4 zones could be respectively and allover controlled

4 1/4" This wireless driver also could be match with our Wifi Box to achieve phone smart control, Max achieve 100 zones to control separately.

5 1/4" 0-10V dimmer can adjust output voltage through PUSH port;

Operation: PUSH port connect with V-pin and the output voltage varies from 0 to 10V. When the output is required, make the PUSH port and V-port disconnect, and the output voltage will store the current voltage value.

Tips:

1 1/4" If the lamp turned off by remote control, it also can restart the lamp directly by the AC power switch

2 1/4" If the dimmer is light up without any operation in 167 hours, the dimmer will turn off automatically and output as 0V. It will recount the time if there is any operation from power switch or remote control.

3 1/4" Each drimmer can save unique RF codes(for remote control) and unique wifi code(for wifi control). You can copy the RF code between remotes when more than one remote are needed. Please get the operation instruction from the remotes specification.

4 1/4" Memory function, each time power-on reserve the mode which stop in the last power-down.

Source reference: https://www.hoionlighting.com/products/LEDdiaoguangqi/0_10Vdiaoguangqi/2021/0419/378.html