

## DALI Dimmer Module

Dimmers for interior applications

Constant voltage

*Commercial Grade*



Used with a compatible DALI controller, the single-channel DALI dimmer module enables full control of single-zone DALI installations, or multizone DALI projects where each zone is managed by a separate receiver module.

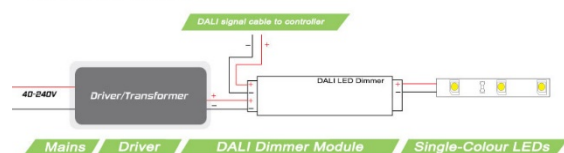
The single-channel DALI dimmer module draws 8 amps. Input / output voltage 12v or 24v. All of the DALI dimming range can be used with any standard DALI-protocol controller.

DALI dimming ("digital addressable lighting interface") is an open-standard industry protocol, widely recognised as a successor to 0-10v LED dimmers.

A choice of four DALI dimmer options: choose from dimmer modules with single channel, twin channel, tri-channel or quad-channel outputs.

### wiring / connections

#### **DALI Dimmer Module (1-channel)**



### quick spec sheet

Product code: RC-DALI-1

#### Physical construction

Colour	White
Materials	Plastic
IP Rating	IP22
Length	95 mm
Width	37 mm
Depth	20 mm

#### Electrical

Input voltage	12 V or 24 V
Output voltage	12 V or 24 V
Output current	8 amps
Wattage	96 W or 192 W



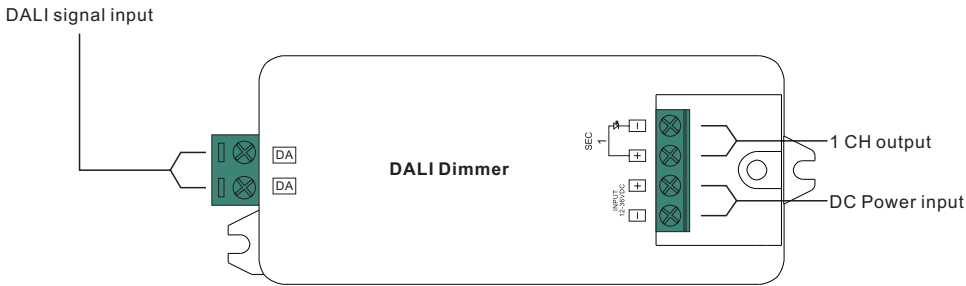
<https://www.instyleled.co.uk/dali-dimmer-module/>

# DALI Dimmable Driver(1 channel)



**Important:** Read All Instructions Prior to Installation

## Function introduction



## Product Data

No.	Input Voltage	Output Current	Output Power	Remarks	Size(LxWxH)	DALI Consumption	Dimming Range	Ambient Temperature
1	12-36VDC	1x8A	1x(96-288)W	Constant voltage	95x37x20mm	2mA	0.1%-100%	-20°C ~ +50°C
2	12-36VDC	1x350mA	1x(4.2-12.6)W	Constant current	95x37x20mm	2mA	0.1%-100%	-20°C ~ +50°C
3	12-36VDC	1x700mA	1x(8.4-25.2)W	Constant current	95x37x20mm	2mA	0.1%-100%	-20°C ~ +50°C

- Comply to DALI standard protocol IEC 62386-102, IEC 62386-207 and in compliance with DALI products from other international incorporation.
- 1 DALI address input, 1 channel PWM output

## Safety & Warnings

- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.

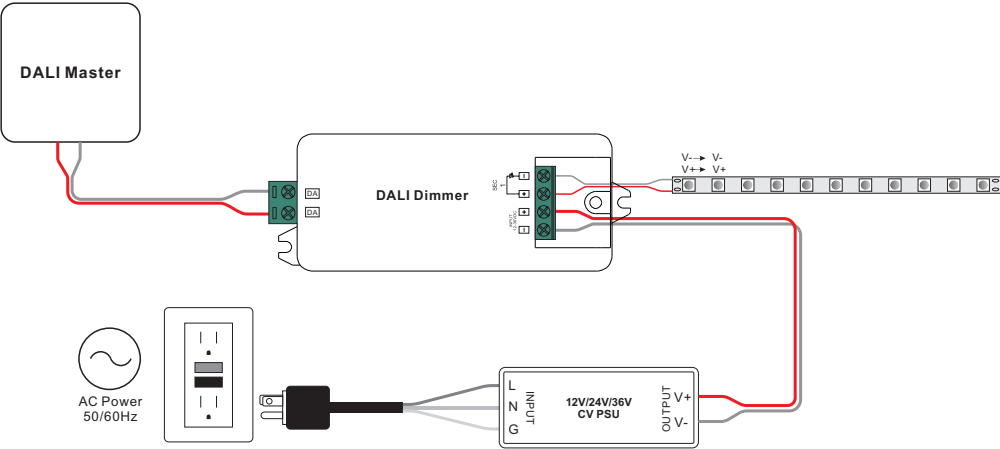
## Operation

Do wiring according to connection diagram.

### DALI Address Assigned by DALI Masters

This product is designed with 1 DALI address input and 1 channel output, DALI address is assigned by DALI Master controller automatically, please refer to user manuals of compatible DALI Masters for specific operations.

## Wiring Diagram



## Conformity & Standards

- Radio Frequency Interference according to EN 55015:2013
- Immunity standard according to EN 61547:2009
- TÜV Rheinland marked, CE marked

## Product Dimension

