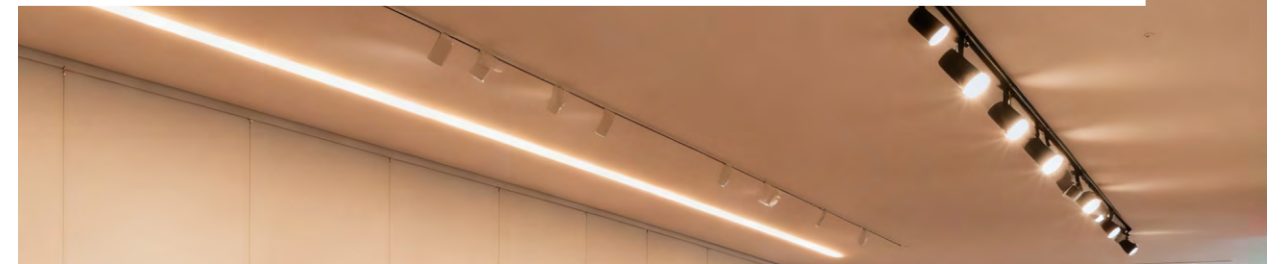


2025 [us]

Intelligent Dimmable 100-277Vac LED Driver



NEW PRODUCT



WeChat



Web1

泉州斯玛斯电子科技有限公司

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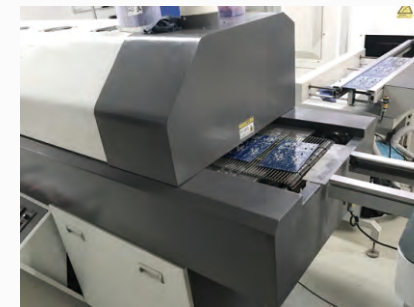
About Us

Quanzhou Smarts Electronic & Technology Co.,Ltd established in 1998 was located in a developed economy, abundant resources, beautiful scenery of Licheng district, Quanzhou city, our company has an area of 4000 square meters, production workshop, warehouse, office, living facilities complete with. With the development of society, human increasing awareness of "green energy, environmental protection, save energy" becomes the concerned topic.

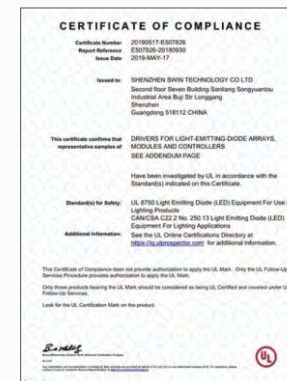
" to develop, be innovative, green be imperative, " Smarts people followed the pace of human development, focus on the " green, save energy, environment protection ", committed to the new energy, we have developed lots of LED power supplies, dimmable LED drivers, intelligent & smart LED drivers. Say triac, 0-10V, DALI-2 DT6, DT8, D4i, DMX512 dimmable & intelligent LED drivers etc.. We have 6 LED drivers' production lines , about 300 staff, about 30 R & D engineers. Smarts electronics becomes the multitudinous international brand processing factories and power supply design manufacturer.

Since we set up the company, we always adhere to the " customer satisfaction is our goal of " business philosophy, to refine on attitude towards science and modern production management technology, so as to make our product performance, technical indicators reached to the international level. Welcome all friends to visit Quanzhou city Smarts electronic & technology co.,ltd.

Factory Demonstration



Qualification



C 目录 Contents

| Constant Voltage LED Driver

Part 1 • Round Shape Constant Voltage LED Driver

100-277Vac Dimmable LED Driver [Round Shape Constant Voltage LED Driver] [1-4]

- SMT-R*-VT-P Series (Triac / ELV / MLV Dimming)
- SMT-R*-VD-P Series (0-10V Dimming)
- SMT-R*-VTD-P Series (Triac & 0-10V (5 in 1) Dimming)

DALI-2 (DT6) Dimmable LED Driver [Round Shape Constant Voltage LED Driver] [5-8]

- SMT-R*-DP2-P Series (DALI-2 & Push Dimming)

DMX512 Dimmable LED Driver [Round Shape Constant Voltage LED Driver] [9-12]

- SMT-R*-DMX-P Series (Set address by RDM / NFC)

Part 2 • Magnetic & Linear LED Driver

Recessed Magnetic Dimmable Driver [13-18]

- SMT-IMT*-VTD-A Series (5 in 1 Dimming)
- SMT-IMT*-VT-A Series (Triac Dimming)
- SMT-IMT*-DP2-A Series (DALI-2 Dimming)
- SMT-IMT*-ND-A Series (Non-Dimming)

Ultrathin Magnetic Dimmable Driver [13-18]

- SMT-EMT*-VTD-A Series (5 in 1 Dimming)
- SMT-EMT*-VT-A Series (Triac Dimming)
- SMT-EMT*-DP2-A Series (DALI-2 Dimming)
- SMT-EMT*-ND-A Series (Non-Dimming)

Linear Dimmable Driver [13-18]

- SMT-OMT*-VTD Series (5 in 1 Dimming)
- SMT-OMT*-VT Series (Triac Dimming)
- SMT-OMT*-DP2 Series (DALI-2 Dimming)
- SMT-OMT*-ND Series (Non-Dimming)

Part 3 • 24V & 12V Switchable / 24V & 48V Switchable

100-277Vac Dimmable LED Driver [PWM & VR(Voltage Reduce)] [19-22]

- SMT-12&24 (24&48)*-VTD-J Series (5 in 1 Dimming)
- SMT-12&24 (24&48)*-VT-J Series (Triac Dimming)
- SMT-12&24 (24&48)*-DP2-J Series (DALI-2 Dimming)
- SMT-12&24 (24&48)*-ND-J Series (Non-Dimming)

| Constant Current LED Driver

Part 4 • Round Shape Constant Current LED Driver

100-277Vac Dimmable LED Driver [Dip adjustment current] [23-26]

- SMT-R*-CT-P Series (Triac / ELV / MLV Dimming)
- SMT-R*-CD-P Series (0-10V Dimming)
- SMT-R*-CTD-P Series (Triac & 0-10V (5 in 1) Dimming)

DALI-2 (DT6) Dimmable LED Driver [Dip adjustment current / NFC setting address & current] [27-30]

- SMT-R*-DP2-P Series (DALI-2 & Push Dimming)

DMX512 Dimmable LED Driver [Dip adjustment current / NFC setting address & current] [31-34]

- SMT-R*-DMX-P Series (Set address by RDM / NFC)

Constant Voltage lighting Driver Series

PART 1

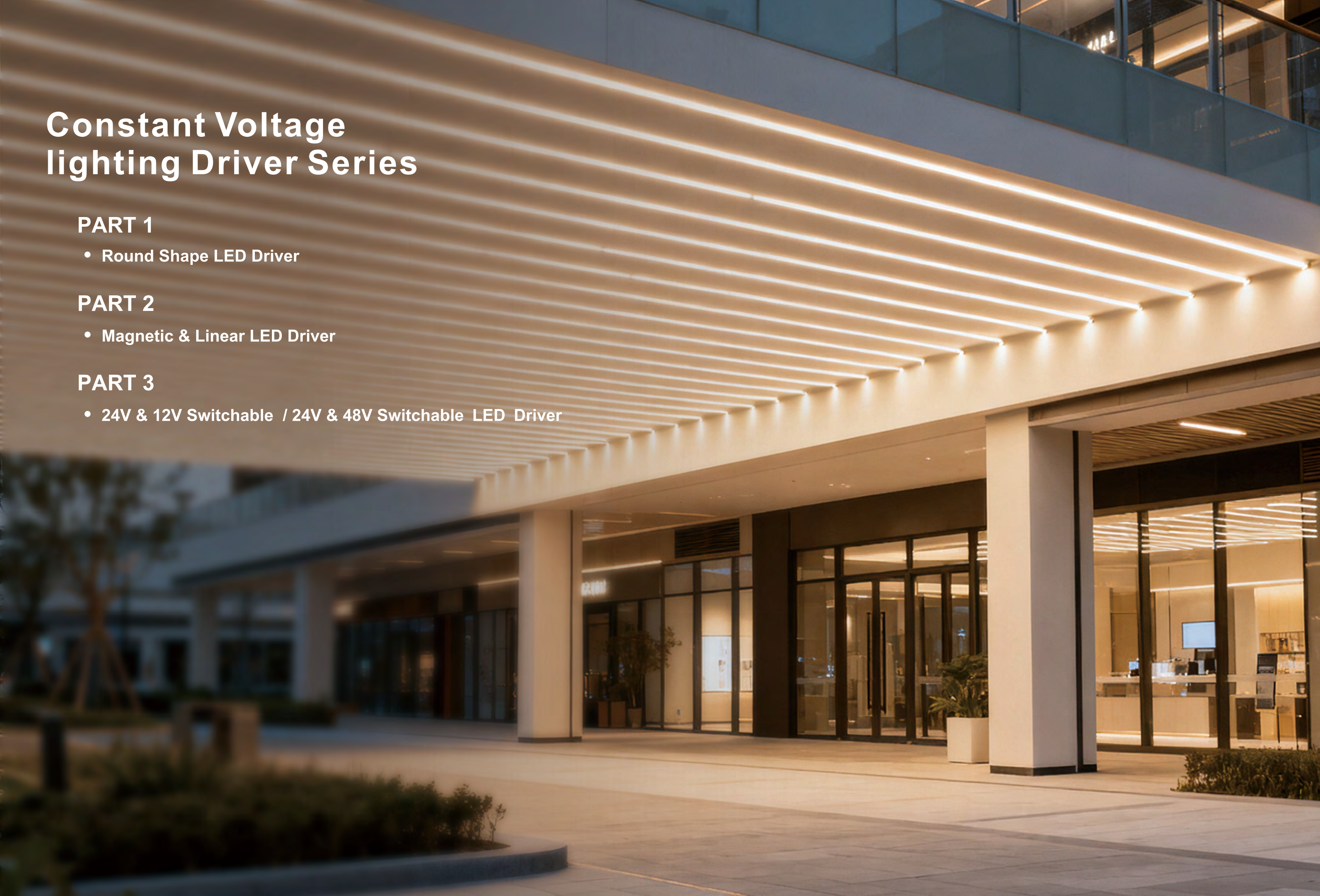
- Round Shape LED Driver

PART 2

- Magnetic & Linear LED Driver

PART 3

- 24V & 12V Switchable / 24V & 48V Switchable LED Driver



TRIAC & 0-10V [100-277Vac]

Round Shape Constant Voltage LED Driver

TRIAC / Phase-cut / ELV / MLV | 0-10V | 1-10V | 10V PWM | Potentiometer



- SMT-R*-VTD-P Series (TRIAC & 0-10V 5 in 1 Dimming)
- SMT-R*-VT-P Series (TRIAC Dimming)
- SMT-R*-VD-P Series (0-10V Dimming)

V+ADJ

Adjustable output voltage

1 CH

Dimming

0 - 100%

Full dimming range

Flicker-free

Smooth dimming

PWM

Output

Not alter LED CRI

PF≥0.95

High

Power factor

Perfect dimming performance for LED fixtures

Wash wall lamp

LED Neon light

LED strip light

Track light

Linear lamp

LED Modules

Wiring diagram

Diagram 1 Triac Dim

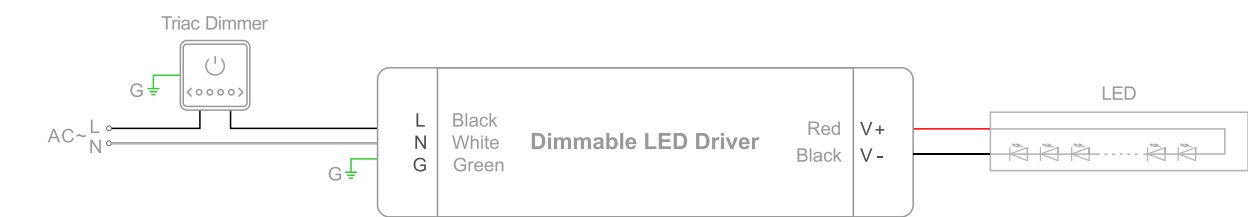


Diagram 2 Triac Dim & 0-10V Dim

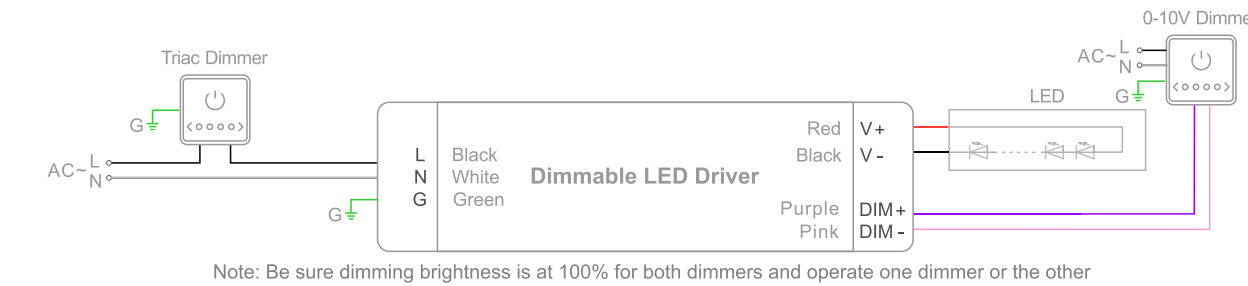


Diagram 3 0-10V Dim

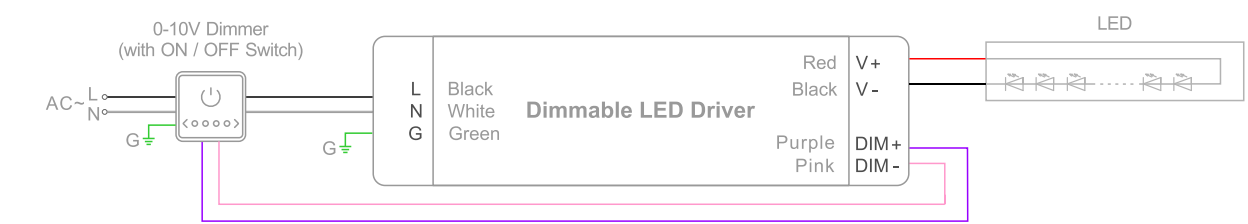


Diagram 4 1-10V / Potentiometer Dim

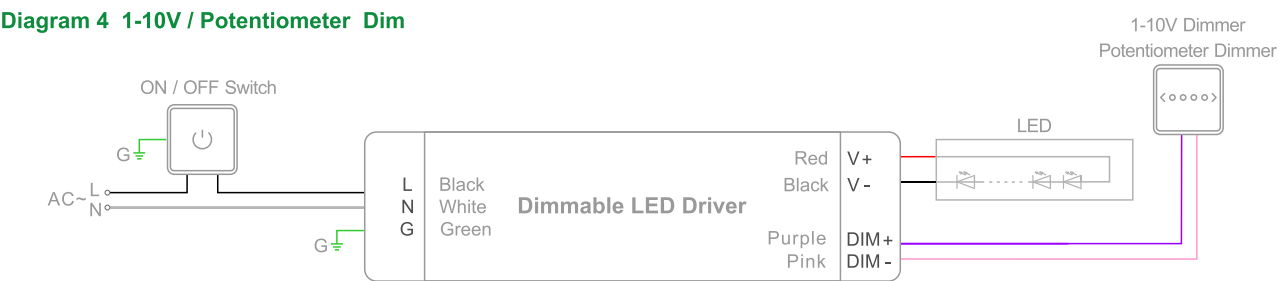
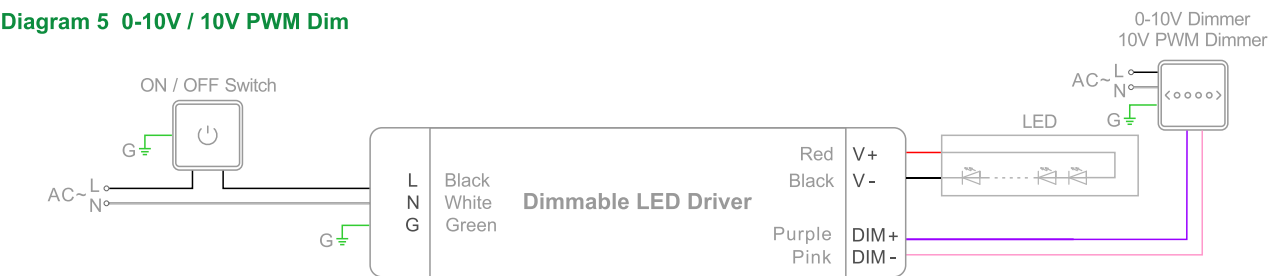


Diagram 5 0-10V / 10V PWM Dim



Triac & 0-10V (5 in 1 Dimming) Series

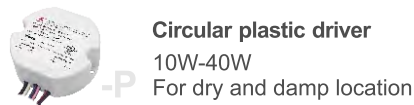
100-277Vac Round Shape Dimmable Constant Voltage LED Driver

TRIAC / Phase-cut / ELV / MLV | 0-10V | 1-10V | 10V PWM | Potentiometer



TRIAC / Phase / ELV / MLV Dimming	TRIAC / Phase / ELV / MLV / 0-10V / 10V PWM / Potentiometer Dimming	0-10V / 10V PWM / Potentiometer Dimming
SMT-R*-VT-P Series	SMT-R*-VTD-P Series	SMT-R*-VD-P Series

- PWM output, Not alter LED CRI
- Adjusting output voltage slightly
- Compatible with a wide array of popular dimmers and lighting control system
 - Dimmer : ELV & MLV & TRIAC dimmers; 0-10V dimmer
 - Lighting control system : Lutron, Leviton, Crestron, etc.
- Flicker-free, smooth dimming
 - Typical power factor≥0.95
 - Dimmable range : 0-100% (0% for signal off)
 - Dimming deprh : 0.5% (min. adjustable brightness)
 - 10% minimum load
- Short-circuit, over-temperature, over-load protection.



Circular plastic driver
10W-40W
For dry and damp location

SMT-R12010-VTD-P

1 2 3 4 5

- ① R : Round Shape LED Driver
- ② Outout Voltage : 12V / 24V / 36V / 48V
- ③ Power : 10W / 15W / 20W / 25W / 30W / 40W
- ④ VTD : Triac & 0-10V (5 in 1) Dimming
VT : Triac Dimming
VD : 0-10V / 1-10V 4 in 1Dimming
- ⑤ P : Circular Plastic Driver



0 - 100%
Full dimming range



Output
4000Hz constant frequency



High
Power factor



Flicker-free
Smooth dimming

Power	Picture	Output	TRIAC / ELV / MLV SMT-R* -VT-P	TRIAC & 0-10V 5 in 1 SMT-R* -VTD-P	0-10V 4 in 1 SMT-R* -VD-P
10W		12V, 0.83A	SMT-R12010-VT-P	SMT-R12010-VTD-P	SMT-R12010-VD-P
		24V, 0.42A	SMT-R24010-VT-P	SMT-R24010-VTD-P	SMT-R24010-VD-P
		36V, 0.28A	SMT-R36010-VT-P	SMT-R36010-VTD-P	SMT-R36010-VD-P
		48V, 0.21A	SMT-R48010-VT-P	SMT-R48010-VTD-P	SMT-R48010-VD-P
		54*48.2*24mm			
15W		12V, 1.25A	SMT-R12015-VT-P	SMT-R12015-VTD-P	SMT-R12015-VD-P
		24V, 0.63A	SMT-R24015-VT-P	SMT-R24015-VTD-P	SMT-R24015-VD-P
		36V, 0.42A	SMT-R36015-VT-P	SMT-R36015-VTD-P	SMT-R36015-VD-P
		48V, 0.31A	SMT-R48015-VT-P	SMT-R48015-VTD-P	SMT-R48015-VD-P
		54*48.2*24mm			
20W		12V, 1.67A	SMT-R12020-VT-P	SMT-R12020-VTD-P	SMT-R12020-VD-P
		24V, 0.83A	SMT-R24020-VT-P	SMT-R24020-VTD-P	SMT-R24020-VD-P
		36V, 0.56A	SMT-R36020-VT-P	SMT-R36020-VTD-P	SMT-R36020-VD-P
		48V, 0.42A	SMT-R48020-VT-P	SMT-R48020-VTD-P	SMT-R48020-VD-P
		69.4*62.9*24mm			
25W		12V, 2.08A	SMT-R12025-VT-P	SMT-R12025-VTD-P	SMT-R12025-VD-P
		24V, 1.04A	SMT-R24025-VT-P	SMT-R24025-VTD-P	SMT-R24025-VD-P
		36V, 0.69A	SMT-R36025-VT-P	SMT-R36025-VTD-P	SMT-R36025-VD-P
		48V, 0.52A	SMT-R48025-VT-P	SMT-R48025-VTD-P	SMT-R48025-VD-P
		69.4*62.9*24mm			
30W		12V, 2.5A	SMT-R12030-VT-P	SMT-R12030-VTD-P	SMT-R12030-VD-P
		24V, 1.25A	SMT-R24030-VT-P	SMT-R24030-VTD-P	SMT-R24030-VD-P
		36V, 0.83A	SMT-R36030-VT-P	SMT-R36030-VTD-P	SMT-R36030-VD-P
		48V, 0.63A	SMT-R48030-VT-P	SMT-R48030-VTD-P	SMT-R48030-VD-P
		74.4*66.4*24mm			
40W		12V, 3.33A	SMT-R12040-VT-P	SMT-R12040-VTD-P	SMT-R12040-VD-P
		24V, 1.67A	SMT-R24040-VT-P	SMT-R24040-VTD-P	SMT-R24040-VD-P
		36V, 1.11A	SMT-R36040-VT-P	SMT-R36040-VTD-P	SMT-R36040-VD-P
		48V, 0.83A	SMT-R48040-VT-P	SMT-R48040-VTD-P	SMT-R48040-VD-P
		74.4.4*66.4*24mm			

DALI-2 [100-277Vac]

Round Shape Constant Voltage LED Driver

DALI-2 | Push Dimming for Choice



SMT-R*-DP2-P Series (DALI-2 | NFC | Full Color Dimming)

DiiA member
DALI-2 Certificate

0.1 - 100%
Full dimming range

DT6

1 CH
Dimming

DALI BUS

Built-in
DALI BUS POWER

Flicker-free
Smooth dimming

PF≥0.98

High
Power factor

AUX

24V/0.125A
Built-in Auxiliary power

4K Hz

Frequency
Customizable
244Hz - 20KHz

DT6 / DT8

Switch
Between
DT6 / DT8

VAC

Adjustable
Output voltage

Setting
address

Dimming
curve

NFC Programming

Perfect dimming performance for LED fixtures

Wash wall lamp

LED Neon light

LED strip light

Track light

Linear lamp

LED Modules

Wiring diagram

Diagram 1 DALI Dim



Diagram 2 Push-Dim

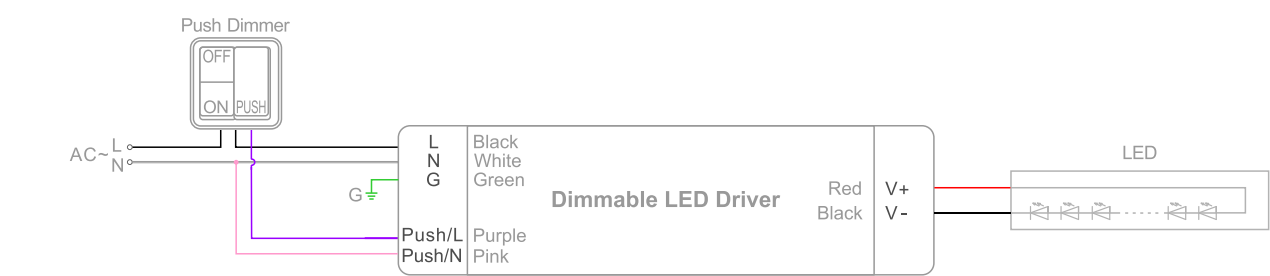


Diagram 3 DALI System

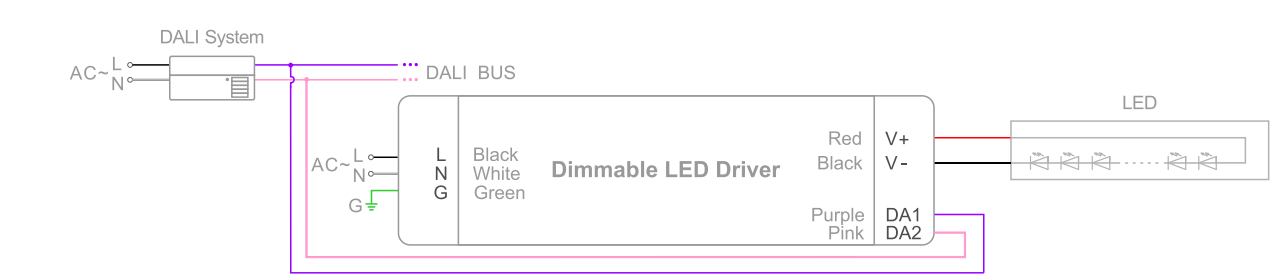
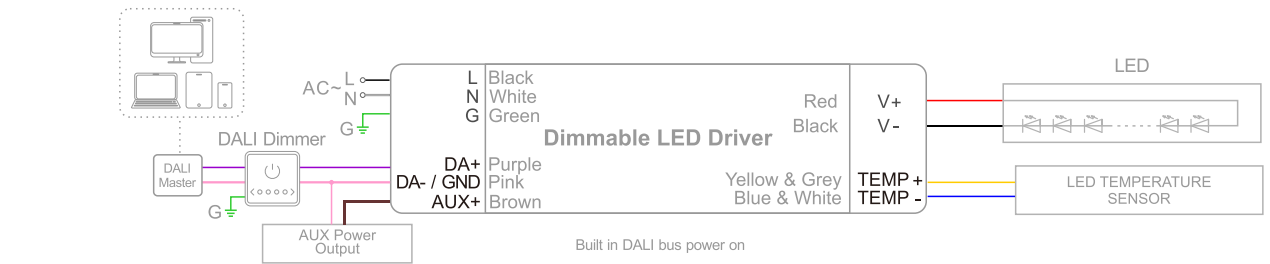


Diagram 4 DALI Master



DALI-2 Dimming Series (100-277VAC)

Round Shape Dimmable Constant Voltage LED Driver

DALI-2 | Push Dimming for choice

 Dimming

• The **SMT-R*-DP2-P** series is Input 100-277VAC with DALI-2 certificate Dimmable Driver

- 4KHz Flicker-free, smooth dimming
 - High power factor≥0.95
 - Dimming depth 0.1%

• Short-circuit, over-temperature, over-load protection.

- ProNFC APP & NFC Handheld device function:
 - Setting address
 - Adjust output voltage slightly
 - Switch channel



ProNFC APP Download



NFC Voltage Level Regulation

10W - 40W drivers with slightly adjustable output voltage as below:

12V output voltage: 12-13.5V 24V output voltage: 24-26V 36V output voltage: 36-38V 48V output voltage: 48-50V

Voltage	Lv.1	Lv.2	Lv.3	Lv.4	Lv.5	Lv.6	Lv.7	Lv.8	Lv.9	Lv.10
12V	12V	12.2V	12.3V	12.5V	12.6V	12.8V	13V	13.1V	13.3V	13.5V
24V	24V	24.2V	24.4V	24.7V	24.9V	25.1V	25.3V	25.6V	25.8V	26.0V
36V	36V	36.2V	36.4V	36.7V	36.9V	37.1V	37.3V	37.6V	37.8V	38.0V
48V	48V	48.2V	48.4V	48.7V	48.9V	49.1V	49.3V	49.6V	49.8V	50.0V



DiiA member
DALI-2 Certificate



0.1 - 100%
Full dimming range



Flicker-free
Smooth dimming



PF≥0.95
High Power factor



DT6 / DT8
Switch Between
DT6 / DT8



VAC
Adjustable
Output voltage



Setting
address

 NFC Programming

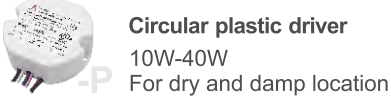
Slightly adjustable output voltage as below

	12V	24V	36V	48V
10W-40W	12-13.5V	24-26V	36-38V	48-50V

SMT-R12010-DP2-P

1 2 3 4 5

- 1 R : Round Shape LED Driver
- 2 Outout Voltage : 12V / 24V / 36V / 48V
- 3 Power : 10W / 15W / 20W / 25W / 30W / 40W
- 4 DP2 : DALI-2 Dimming
- 5 P : Circular Plastic Driver



Power	Picture	Output	Model	Channels	Location	Others standard
10W	 54*48.2*24mm	12V, 0.83A	SMT-R12010-DP2-P	1CH	Dry Damp	Class 2 Class P
		24V, 0.42A	SMT-R24010-DP2-P			
		36V, 0.28A	SMT-R36010-DP2-P			
		48V, 0.21A	SMT-R48010-DP2-P			
15W	 54*48.2*24mm	12V, 1.25A	SMT-R12015-DP2-P	1CH	Dry Damp	Class 2 Class P
		24V, 0.63A	SMT-R24015-DP2-P			
		36V, 0.42A	SMT-R36015-DP2-P			
		48V, 0.31A	SMT-R48015-DP2-P			
20W	 69.4*62.9*24mm	12V, 1.67A	SMT-R12020-DP2-P	1CH	Dry Damp	Class 2 Class P
		24V, 0.83A	SMT-R24020-DP2-P			
		36V, 0.56A	SMT-R36020-DP2-P			
		48V, 0.42A	SMT-R48020-DP2-P			
25W	 69.4*62.9*24mm	12V, 2.08A	SMT-R12025-DP2-P	1CH	Dry Damp	Class 2 Class P
		24V, 1.04A	SMT-R24025-DP2-P			
		36V, 0.69A	SMT-R36025-DP2-P			
		48V, 0.52A	SMT-R48025-DP2-P			
30W	 74.4*66.4*24mm	12V, 2.5A	SMT-R12030-DP2-P	1CH	Dry Damp	Class 2 Class P
		24V, 1.25A	SMT-R24030-DP2-P			
		36V, 0.83A	SMT-R36030-DP2-P			
		48V, 0.63A	SMT-R48030-DP2-P			
40W	 74.4*66.4*24mm	12V, 3.33A	SMT-R12040-DP2-P	1CH	Dry Damp	Class 2 Class P
		24V, 1.67A	SMT-R24040-DP2-P			
		36V, 1.11A	SMT-R36040-DP2-P			
		48V, 0.83A	SMT-R48040-DP2-P			

DMX512 [100-277Vac]

Round Shape Constant Voltage LED Driver

DMX | RDM | Dimming



SMT-R*-DMX-P Series (Full color dimming | NFC | Dustproof / Waterproof)

0.1 - 100%
Full dimming range

PF≥0.95
High Power factor

4KHz
Frequency

Flicker-free
Smooth dimming

RDM function
Setting address

VAC
Adjustable Output voltage

NFC Programming

Perfect dimming performance for LED fixtures

Stage lights

Wash wall lamp

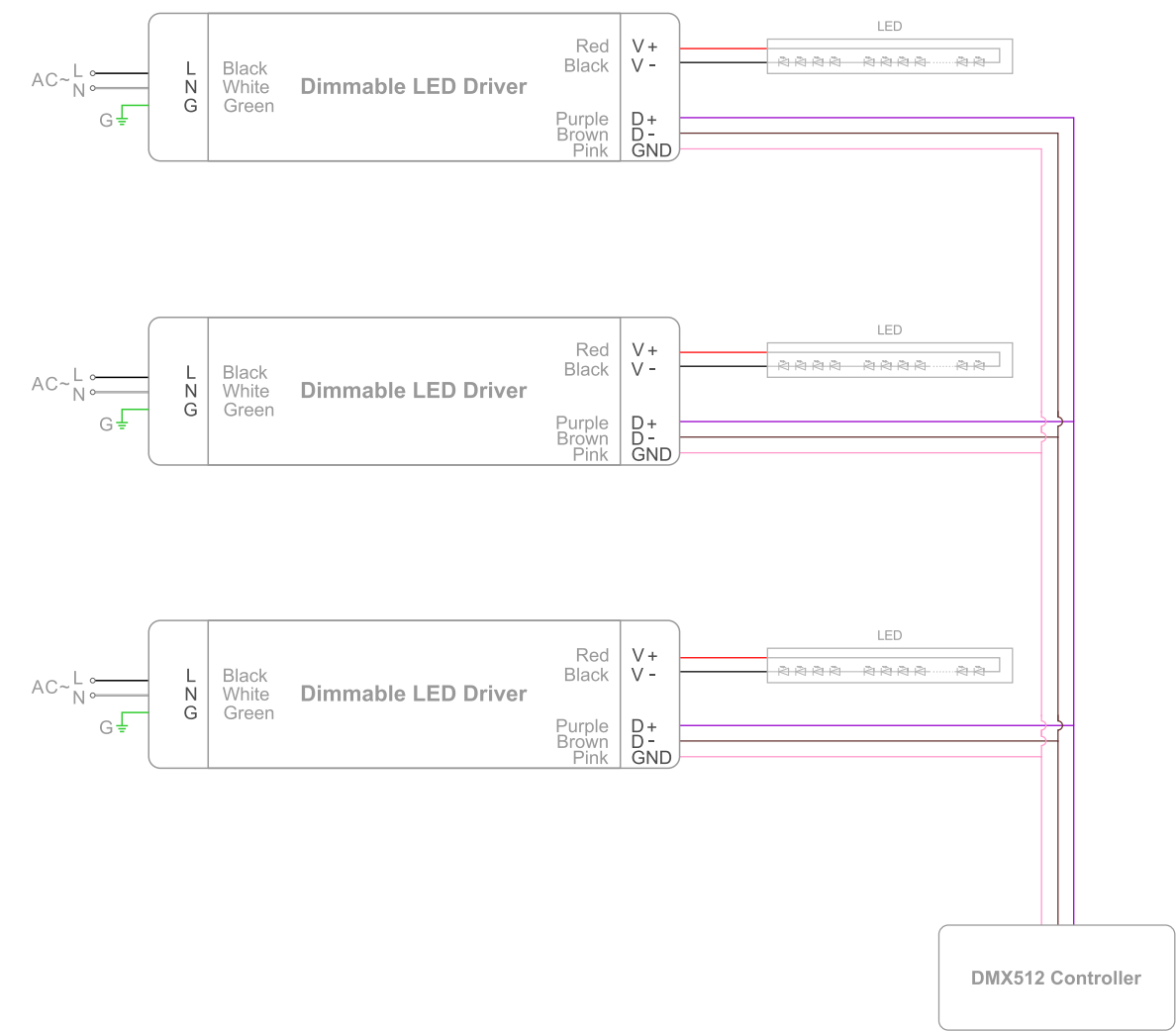
LED Neon light

LED strip light

Track light

Linear lamp

Wiring diagram



DMX512

DMX512 Dimming Series (100-277VAC)

Round Shape Dimmable Constant Voltage LED Driver

DMX | RDM | Dimming



- The **SMT-R*-DMX-P** series includes Constant Voltage 10W-40W LED Driver.
- Based on DMX512 protocol , should be provided with RDM / NFC function.
- ProNFC APP & Handheld device function:
 - Setting address
 - Adjust output voltage slightly
 - Switch channel
- RDM function:
 - Setting address



ProNFC App NFC Handheld device RDM

ProNFC APP Download



For iPhone users For Android users

NFC Voltage Level Regulation

10W-40W drivers with slightly adjustable output voltage as below:

12V output voltage: 12-13.5V 24V output voltage: 24-26V 36V output voltage: 36-38V 48V output voltage: 48-50V

Voltage	Lv.1	Lv.2	Lv.3	Lv.4	Lv.5	Lv.6	Lv.7	Lv.8	Lv.9	Lv.10
12V	12V	12.2V	12.3V	12.5V	12.6V	12.8V	13V	13.1V	13.3V	13.5V
24V	24V	24.2V	24.4V	24.7V	24.9V	25.1V	25.3V	25.6V	25.8V	26.0V
36V	36V	36.2V	36.4V	36.7V	36.9V	37.1V	37.3V	37.6V	37.8V	38.0V
48V	48V	48.2V	48.4V	48.7V	48.9V	49.1V	49.3V	49.6V	49.8V	50.0V



0.1 - 100%
Full dimming range



4KHz
Frequency



PF≥0.95
High
Power factor



Flicker-free
Smooth dimming



RDM function
Setting address



VAC
Adjustable
Output voltage



NFC Programming

NFC Slightly adjustable output voltage as below

	12V	24V	36V	48V
10W-40W	12-13.5V	24-26V	36-38V	48-50V

SMT-R12010-DMX-P

① R : Round Shape LED Driver

② Outout Voltage : 12V / 24V / 36V / 48V

③ Power : 10W / 15W / 20W / 25W / 30W / 40W

④ DMX : DMX512 Dimming

⑤ P : Circular Plastic Driver



Circular plastic driver
10W-40W
For dry and damp location

Power	Picture	Output	Model	Channels	Location	Others standard
10W	 54*48.2*24mm	12V, 0.83A	SMT-R12010-DMX-P	1CH	Dry Damp	Class 2 Class P
		24V, 0.42A	SMT-R24010-DMX-P			
		36V, 0.28A	SMT-R36010-DMX-P			
		48V, 0.21A	SMT-R48010-DMX-P			
15W	 54*48.2*24mm	12V, 1.25A	SMT-R12015-DMX-P	1CH	Dry Damp	Class 2 Class P
		24V, 0.63A	SMT-R24015-DMX-P			
		36V, 0.42A	SMT-R36015-DMX-P			
		48V, 0.31A	SMT-R48015-DMX-P			
20W	 69.4*62.9*24mm	12V, 1.67A	SMT-R12020-DMX-P	1CH	Dry Damp	Class 2 Class P
		24V, 0.83A	SMT-R24020-DMX-P			
		36V, 0.56A	SMT-R36020-DMX-P			
		48V, 0.42A	SMT-R48020-DMX-P			
25W	 69.4*62.9*24mm	12V, 2.08A	SMT-R12025-DMX-P	1CH	Dry Damp	Class 2 Class P
		24V, 1.04A	SMT-R24025-DMX-P			
		36V, 0.69A	SMT-R36025-DMX-P			
		48V, 0.52A	SMT-R48025-DMX-P			
30W	 74.4*66.4*24mm	12V, 2.5A	SMT-R12030-DMX-P	1CH	Dry Damp	Class 2 Class P
		24V, 1.25A	SMT-R24030-DMX-P			
		36V, 0.83A	SMT-R36030-DMX-P			
		48V, 0.63A	SMT-R48030-DMX-P			
40W	 74.4*66.4*24mm	12V, 3.33A	SMT-R12040-DMX-P	1CH	Dry Damp	Class 2 Class P
		24V, 1.67A	SMT-R24040-DMX-P			
		36V, 1.11A	SMT-R36040-DMX-P			
		48V, 0.83A	SMT-R48040-DMX-P			

Magnetic & Linear LED Driver

120-277Vac Dimmable Constant Voltage LED Driver

TRIAC / Phase-cut / ELV / MLV | 0-10V | DALI-2 | 5 in 1 Dim. | Non-Dim.



SMT-IMT* Series - Recessed Magnetic Dimmable Driver

SMT-EMT* Series - Ultrathin Magnetic Dimmable Driver

SMT-OMT* Series - Linear Dimmable Driver

1 CH
Dimming

0 - 100%
Full dimming range

Flicker-free
Smooth dimming

PF≥0.95
High
Power factor

Magnetic
Screws-Free

Ultrathin
Linear

PWM
PWM Output
mode

VR
Voltage Reduce
mode

Output Mode

DT6 / DT8
Switch
Between
DT6 / DT8

VAC
Adjustable
Output voltage

Setting
address

NFC Programming

Perfect dimming performance for LED fixtures



Magnetic Track Fixtures / Recessed Magnetic Track Fixtures

Wiring diagram

Diagram 1 Triac Dim & 0-10V Dim

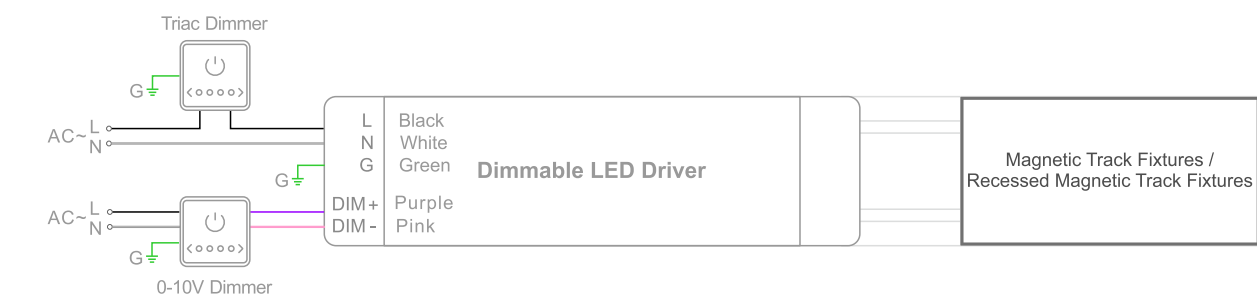


Diagram 2 Triac Dim

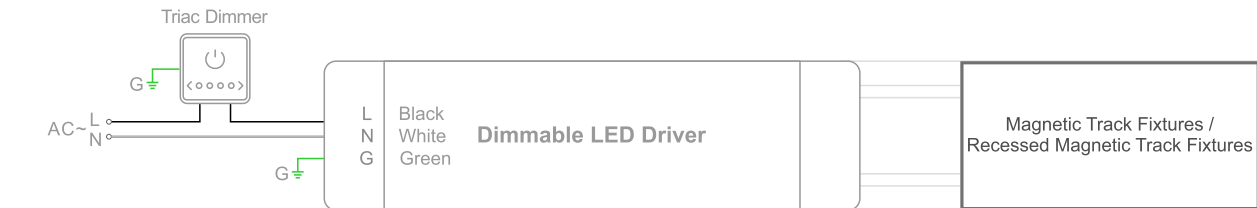


Diagram 3 DALI-2 Dim

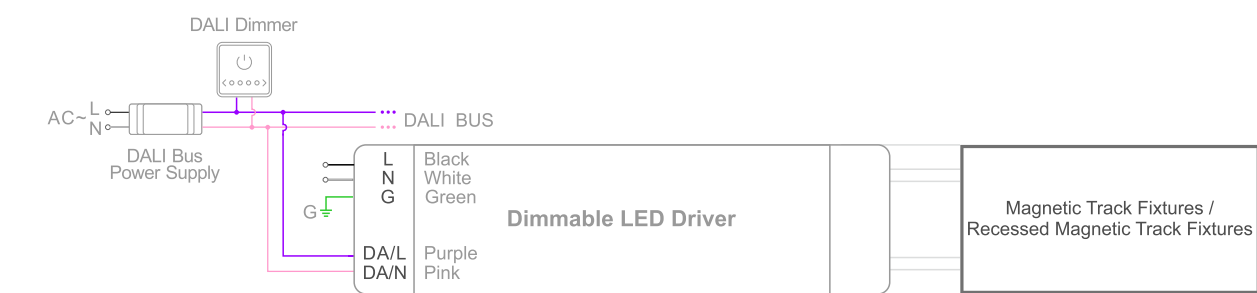
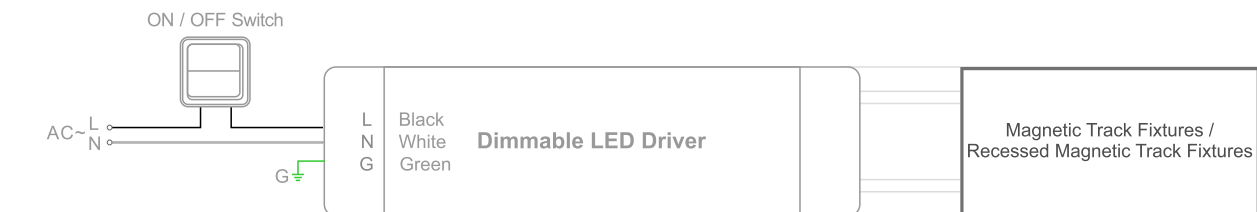


Diagram 4 ON/OFF



Magnetic & Linear Dimming Series (120-277VAC)

External / Embedded Installation Type

TRIAC | 0-10V | DALI-2 | 5 in 1 Dim. | Non-Dim. | ON/OFF for choice



Recessed Magnetic / Ultrathin Magnetic / Linear Dimmable Driver				
	Triac & 0-10V Dimming	Triac Dimming	DALI-2 Dimming	Non-Dimming
Recessed Magnetic Dimmable Driver	SMT-IMT*-VTD-A series	SMT-IMT*-VT-A series	SMT-IMT*-DP2-A series	SMT-IMT*-ND-A series
Ultrathin Magnetic Dimmable Driver	SMT-EMT*-VTD-A series	SMT-EMT*-VT-A series	SMT-EMT*-DP2-A series	SMT-EMT*-ND-A series
Linear Dimmable Driver	SMT-OMT*-VTD series	SMT-OMT*-VT series	SMT-OMT*-DP2 series	SMT-OMT*-ND series

- **SMT-IMT*** :PWM / VR (Voltage Reduce) output for choice, applicable to 20mm models of embedded universal tracks.
- **SMT-EMT*** :PWM / VR (Voltage Reduce) output for choice, applicable to 20/26mm models of magnetic tracks.
- **SMT-OMT*** :Switch between PWM & VR (Voltage Reduce) output (Individual PWM output / VR output selectable)

- Different dimming methods to meet various need

- 95% High efficiency

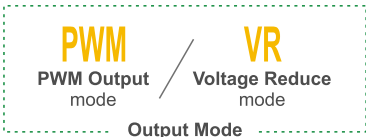
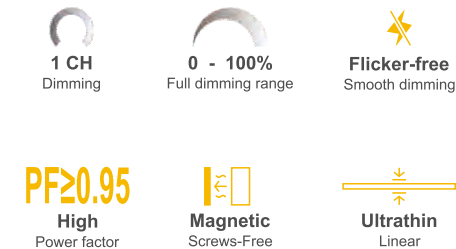
- Flicker-free, more smoother dimming
Build in active PFC, typical power factor≥0.95
Dimming range : 0-100%, Dimming depth 0.1%

- Short-circuit, over-temperature, over-load protection.

- ProNFC APP & NFC Handheld device function:
 - Setting address
 - Adjust output voltage slightly
 - Switch channel

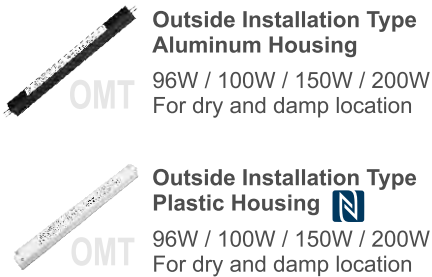


ProNFC APP Download



SMT-EMT24096-VTD-A

- 1 IMT : Embedded Installation Type
EMT : External Installation Type
OMT : Outside Installation Type
- 2 Outout Voltage : 24V / 48V
- 3 Power : 96W / 100W / 150W / 200W
- 4 VTD : Triac & 0-10V (5 in 1) Dimming
VT : Triac Dimming
DP2 : DALI-2 Dimming
ND : Non-Dimming
- 5 A : Aluminum Housing
P : Plastic Housing



Recessed Magnetic Dimmable Driver

Applicable to 20mm models of embedded universal tracks.

Power	Picture	Output	TRIAC SMT-IMT*-VT	TRIAC & 0-10V SMT-IMT*-VTD	DALI-2 SMT-IMT*-DP2	Non-Dimming SMT-IMT*-ND
96W		24V, 4A	SMT-IMT24096-VT-A	SMT-IMT24096-VTD-A	SMT-IMT24096-DP2-A	SMT-IMT24096-ND-A
		48V, 2A	SMT-IMT48096-VT-A	SMT-IMT48096-VTD-A	SMT-IMT48096-DP2-A	SMT-IMT48096-ND-A
		305*22*44mm				
100W		24V, 4.17A	SMT-IMT24100-VT-A	SMT-IMT24100-VTD-A	SMT-IMT24100-DP2-A	SMT-IMT24100-ND-A
		48V, 2.08A	SMT-IMT48100-VT-A	SMT-IMT48100-VTD-A	SMT-IMT48100-DP2-A	SMT-IMT48100-ND-A
		305*22*44mm				
150W		24V, 6.25A	SMT-IMT24150-VT-A	SMT-IMT24150-VTD-A	SMT-IMT24150-DP2-A	SMT-IMT24150-ND-A
		48V, 3.13A	SMT-IMT48150-VT-A	SMT-IMT48150-VTD-A	SMT-IMT48150-DP2-A	SMT-IMT48150-ND-A
		333*22*44mm				
200W		24V, 8.33A	SMT-IMT24200-VT-A	SMT-IMT24200-VTD-A	SMT-IMT24200-DP2-A	SMT-IMT24200-ND-A
		48V, 4.17A	SMT-IMT48200-VT-A	SMT-IMT48200-VTD-A	SMT-IMT48200-DP2-A	SMT-IMT48200-ND-A
		333*22*44mm				

Magnetic & Linear Dimming Series (120-277VAC)

External / Embedded Installation Type

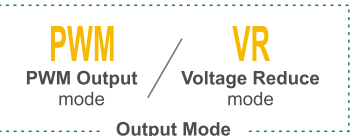
TRIAC | 0-10V | DALI-2 | 5 in 1 Dim. | Non-Dim. | ON/OFF for choice



SMT-EMT24096-VTD-A

1 2 3 4 5

- 1 IMT : Embedded Installation Type
EMT : External Installation Type
OMT : Outside Installation Type
- 2 Outout Voltage : 24V / 48V
- 3 Power : 96W / 100W / 150W / 200W
- 4 VTD : Triac & 0-10V (5 in 1) Dimming
VT : Triac Dimming
DP2 : DALI-2 Dimming
ND : Non-Dimming
- 5 A : Aluminum Housing
P : Plastic Housing



Embedded Installation Type
96W / 100W / 150W / 200W
For dry and damp location

External Installation Type
96W / 100W / 150W / 200W
For dry and damp location

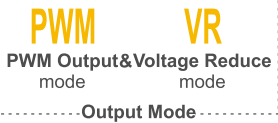
Outside Installation Type
Aluminum Housing
96W / 100W / 150W / 200W
For dry and damp location

Outside Installation Type
Plastic Housing
96W / 100W / 150W / 200W
For dry and damp location

Ultrathin Magnetic Dimmable Driver

Applicable to 20/26mm models of magnetic tracks.

Power	Picture	Output	TRIAC SMT-EMT*-VT	TRIAC & 0-10V SMT-EMT*-VTD	DALI-2 SMT-EMT*-DP2	Non-Dimming SMT-EMT*-ND
96W		24V, 4A	SMT-EMT24096-VT-A	SMT-EMT24096-VTD-A	SMT-EMT24096-DP2-A	SMT-EMT24096-ND-A
		48V, 2A	SMT-EMT48096-VT-A	SMT-EMT48096-VTD-A	SMT-EMT48096-DP2-A	SMT-EMT48096-ND-A
		355.5*20*24.2mm				
100W		24V, 4.17A	SMT-EMT24100-VT-A	SMT-EMT24100-VTD-A	SMT-EMT24100-DP2-A	SMT-EMT24100-ND-A
		48V, 2.08A	SMT-EMT48100-VT-A	SMT-EMT48100-VTD-A	SMT-EMT48100-DP2-A	SMT-EMT48100-ND-A
		355.5*20*24.2mm				
150W		24V, 6.25A	SMT-EMT24150-VT-A	SMT-EMT24150-VTD-A	SMT-EMT24150-DP2-A	SMT-IMT24150-ND-A
		48V, 3.13A	SMT-EMT48150-VT-A	SMT-EMT48150-VTD-A	SMT-EMT48150-DP2-A	SMT-IMT48150-ND-A
		366.7*26*24.2mm				
200W		24V, 8.33A	SMT-EMT24200-VT-A	SMT-EMT24200-VTD-A	SMT-EMT24200-DP2-A	SMT-IMT24200-ND-A
		48V, 4.17A	SMT-EMT48200-VT-A	SMT-EMT48200-VTD-A	SMT-EMT48200-DP2-A	SMT-IMT48200-ND-A
		366.7*26*24.2mm				



Linear Dimmable Driver

Switch between PWM & VR (Voltage Reduce) output

Power	Picture	Output	TRIAC SMT-OMT*-VT	TRIAC & 0-10V SMT-OMT*-VTD	DALI-2 SMT-OMT*-DP2	Non-Dimming SMT-OMT*-ND
96W	 346*25*20mm	24V, 4A	SMT-OMT24096-VT-P	SMT-OMT24096-VTD-P	SMT-OMT24096-DP2-P	SMT-OMT24096-ND-P
		48V, 2A	SMT-OMT48096-VT-P	SMT-OMT48096-VTD-P	SMT-OMT48096-DP2-P	SMT-OMT48096-ND-P
		24V, 4A	SMT-OMT24096-VT-A	SMT-OMT24096-VTD-A	SMT-OMT24096-DP2-A	SMT-OMT24096-ND-A
	 329*24.2*20mm	48V, 2A	SMT-OMT48096-VT-A	SMT-OMT48096-VTD-A	SMT-OMT48096-DP2-A	SMT-OMT48096-ND-A
		24V, 4.17A	SMT-OMT24100-VT-P	SMT-OMT24100-VTD-P	SMT-OMT24100-DP2-P	SMT-OMT24100-ND-P
		48V, 2.08A	SMT-OMT48100-VT-P	SMT-OMT48100-VTD-P	SMT-OMT48100-DP2-P	SMT-OMT48100-ND-P
100W	 346*25*20mm	48V, 2.08A	SMT-OMT48100-VT-P	SMT-OMT48100-VTD-P	SMT-OMT48100-DP2-P	SMT-OMT48100-ND-P
		24V, 4.17A	SMT-OMT24100-VT-A	SMT-OMT24100-VTD-A	SMT-OMT24100-DP2-A	SMT-OMT24100-ND-A
		48V, 2.08A	SMT-OMT48100-VT-A	SMT-OMT48100-VTD-A	SMT-OMT48100-DP2-A	SMT-OMT48100-ND-A
	 329*24.2*20mm	24V, 4.17A	SMT-OMT24100-VT-P	SMT-OMT24100-VTD-P	SMT-OMT24100-DP2-P	SMT-OMT24100-ND-P
		48V, 3.13A	SMT-OMT48150-VT-P	SMT-OMT48150-VTD-P	SMT-OMT48150-2G-DP2-P	SMT-OMT48150-ND-P
		24V, 6.25A	SMT-OMT24150-VT-P	SMT-OMT24150-VTD-P	SMT-OMT48150-2G-DP2-P	SMT-OMT24150-ND-P
150W	 356*27*24.5mm	48V, 3.13A	SMT-OMT48150-VT-P	SMT-OMT48150-VTD-P	SMT-OMT48150-2G-DP2-P	SMT-OMT48150-ND-P
		24V, 6.25A	SMT-OMT24150-VT-A	SMT-OMT24150-VTD-A	SMT-OMT48150-2G-DP2-A	SMT-OMT24150-ND-A
		48V, 3.13A	SMT-OMT48150-VT-A	SMT-OMT48150-VTD-A	SMT-OMT48150-2G-DP2-A	SMT-OMT48150-ND-A
	 339*26*24.2mm	24V, 8.33A	SMT-OMT24200-VT-P	SMT-OMT24200-VTD-P	SMT-OMT48200-2G-DP2-P	SMT-OMT24200-ND-P
		48V, 4.17A	SMT-OMT48200-VT-P	SMT-OMT48200-VTD-P	SMT-OMT48200-2G-DP2-P	SMT-OMT48200-ND-P
		24V, 8.33A	SMT-OMT24200-VT-A	SMT-OMT24200-VTD-A	SMT-OMT48200-2G-DP2-A	SMT-OMT24200-ND-A
200W	 356*27*24.5mm	48V, 4.17A	SMT-OMT48200-VT-A	SMT-OMT48200-VTD-A	SMT-OMT48200-2G-DP2-A	SMT-OMT48200-ND-A
		24V, 8.33A	SMT-OMT24200-VT-P	SMT-OMT24200-VTD-P	SMT-OMT48200-2G-DP2-P	SMT-OMT24200-ND-P
		48V, 4.17A	SMT-OMT48200-VT-P	SMT-OMT48200-VTD-P	SMT-OMT48200-2G-DP2-P	SMT-OMT48200-ND-P
	 339*26*24.2mm	24V, 8.33A	SMT-OMT24200-VT-A	SMT-OMT24200-VTD-A	SMT-OMT48200-2G-DP2-A	SMT-OMT24200-ND-A
		48V, 4.17A	SMT-OMT48200-VT-A	SMT-OMT48200-VTD-A	SMT-OMT48200-2G-DP2-A	SMT-OMT48200-ND-A
		24V, 8.33A	SMT-OMT24200-VT-P	SMT-OMT24200-VTD-P	SMT-OMT48200-2G-DP2-P	SMT-OMT24200-ND-P

TRIAC & 0-10V [100-277Vac]

24V & 12V Switchable / 48V & 24V Switchable

TRIAC / Phase-cut / ELV / MLV | 0-10V | 1-10V | 10V PWM | Potentiometer | PWM & VR(Voltage Reduce)



SMT-12&24 (24&48)*-VTD-P Series (TRIAC & 0-10V 5 in 1 Dimming)

SMT-12&24 (24&48)*-VT-P Series (TRIAC Dimming)

SMT-12&24 (24&48)*-VD-P Series (0-10V Dimming)

V+ADJ
Adjustable
output voltage

0 - 100%
Full dimming range

0.1%
Dimming
Depth

Flicker-free
Smooth dimming

PF≥0.95
High
Power factor

20K Hz
PWM Output Frequency
Customizable 244Hz - 20KHz

24V Mode

12V Output

24V Output

48V Mode

24V Output

48V Output

ON

1 2

PWM Output mode

Voltage Reduce mode

Perfect dimming performance for LED fixtures

Wash wall lamp

LED Neon light

LED strip light

Track light

Linear lamp

LED Modules

Wiring diagram

Diagram 1 Triac Dim

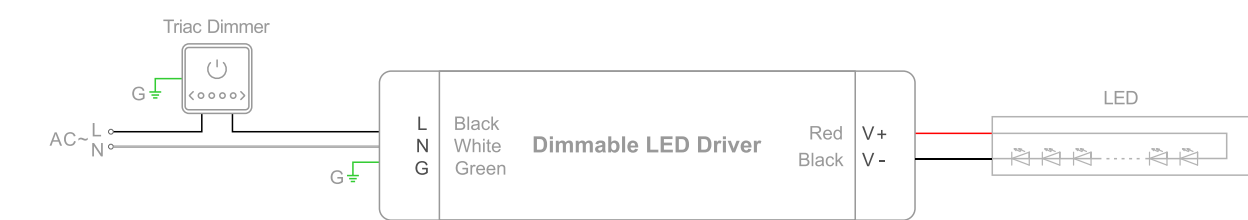
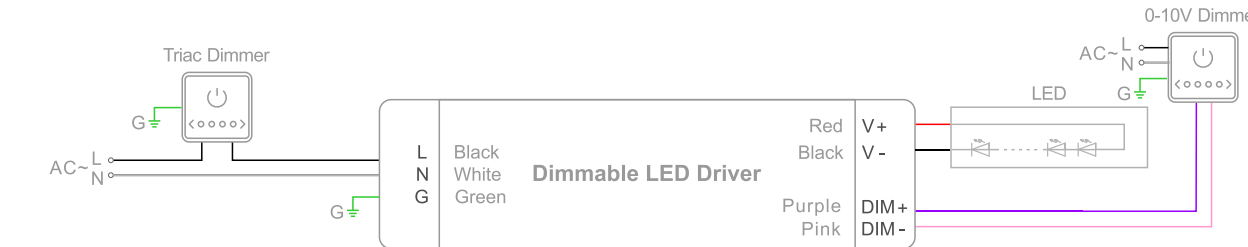


Diagram 2 Triac Dim & 0-10V Dim



Note: Be sure dimming brightness is at 100% for both dimmers and operate one dimmer or the other

Diagram 3 0-10V Dim

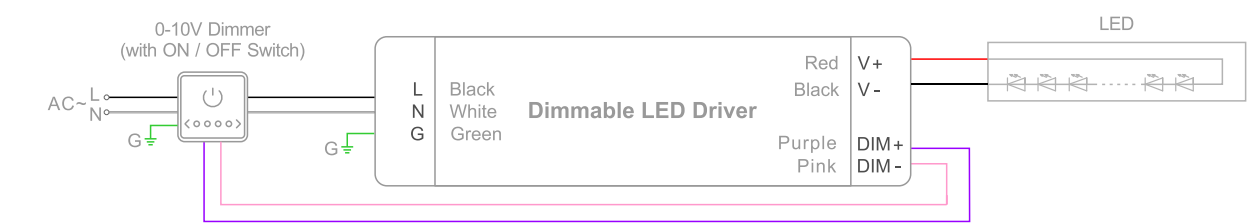


Diagram 4 1-10V / Potentiometer Dim

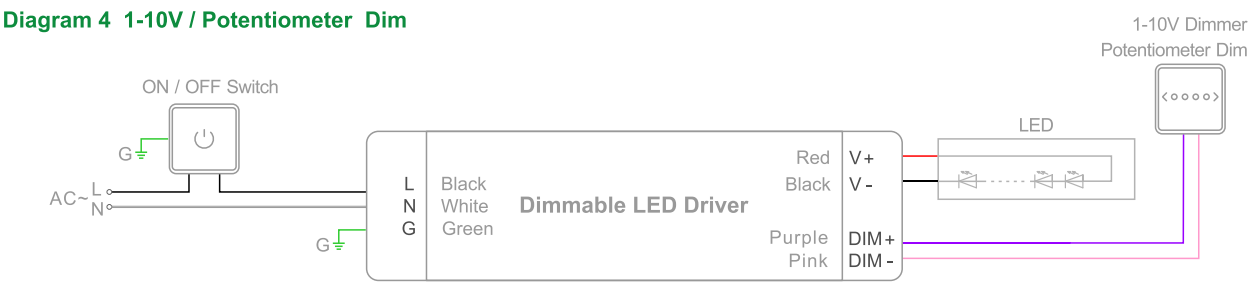
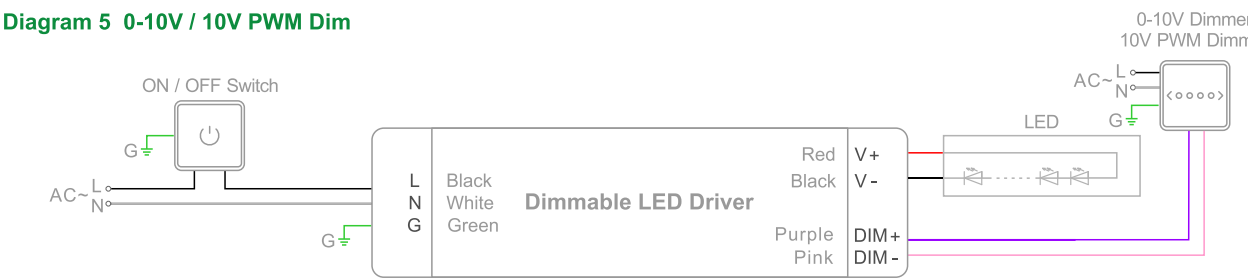


Diagram 5 0-10V / 10V PWM Dim



24V & 12V Switchable

Triac & 0-10V Dimming Series (100-277VAC)

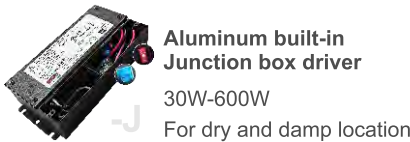
24V & 12V Switchable / 24V & 48V Switchable

Triac / Phase-cut / ELV / MLV | 0-10V | 1-10V | 10V PWM | Potentiometer



Triac / Phase / ELV / MLV Dimming	Triac / Phase / ELV / MLV / 0-10V / 10V PWM / Potentiometer Dimming	0-10V / 10V PWM / Potentiometer Dimming
SMT-12&24*-VT-J SMT-24&48*-VT-J	SMT-12&24*-VTD-J SMT-24&48*-VTD-J	SMT-12&24*-VD-J SMT-24&48*-VD-J

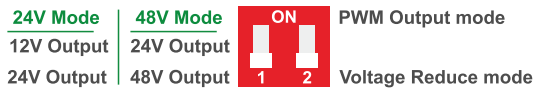
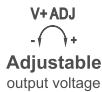
- PWM output, Not alter LED CRI
- Adjusting output voltage slightly
- Compatible with a wide array of popular dimmers and lighting control system
 - Dimmer : ELV & MLV & TRIAC dimmers; 0-10V dimmer
 - Lighting control system : Lutron, Leviton, Crestron, etc.
- Flicker-free, smooth dimming
 - Typical power factor≥0.95
 - Dimmable range : 0-100% (0% for signal off)
 - Dimming deprh : 0.5% (min. adjustable brightness)
 - 10% minimum load
- Short-circuit, over-temperature, over-load protection.



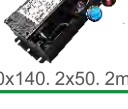
SMT-12&24200-VTD-J

1 2 3 4

- ① **Outout Voltage:** 24V & 12V Switchable
24V & 48V Switchable
- ② **Power :** 30W / 60W / 80W / 96W / 120W / 150W
192W / 200W / 288W / 300W / 500W / 600W
- ③ **VTD :** Triac & 0-10V (5 in 1) Dimming
VT : Triac Dimming
VD : 0-10V / 1-10V 4 in 1Dimming
- ④ **J :** Aluminum built-in Junction box driver



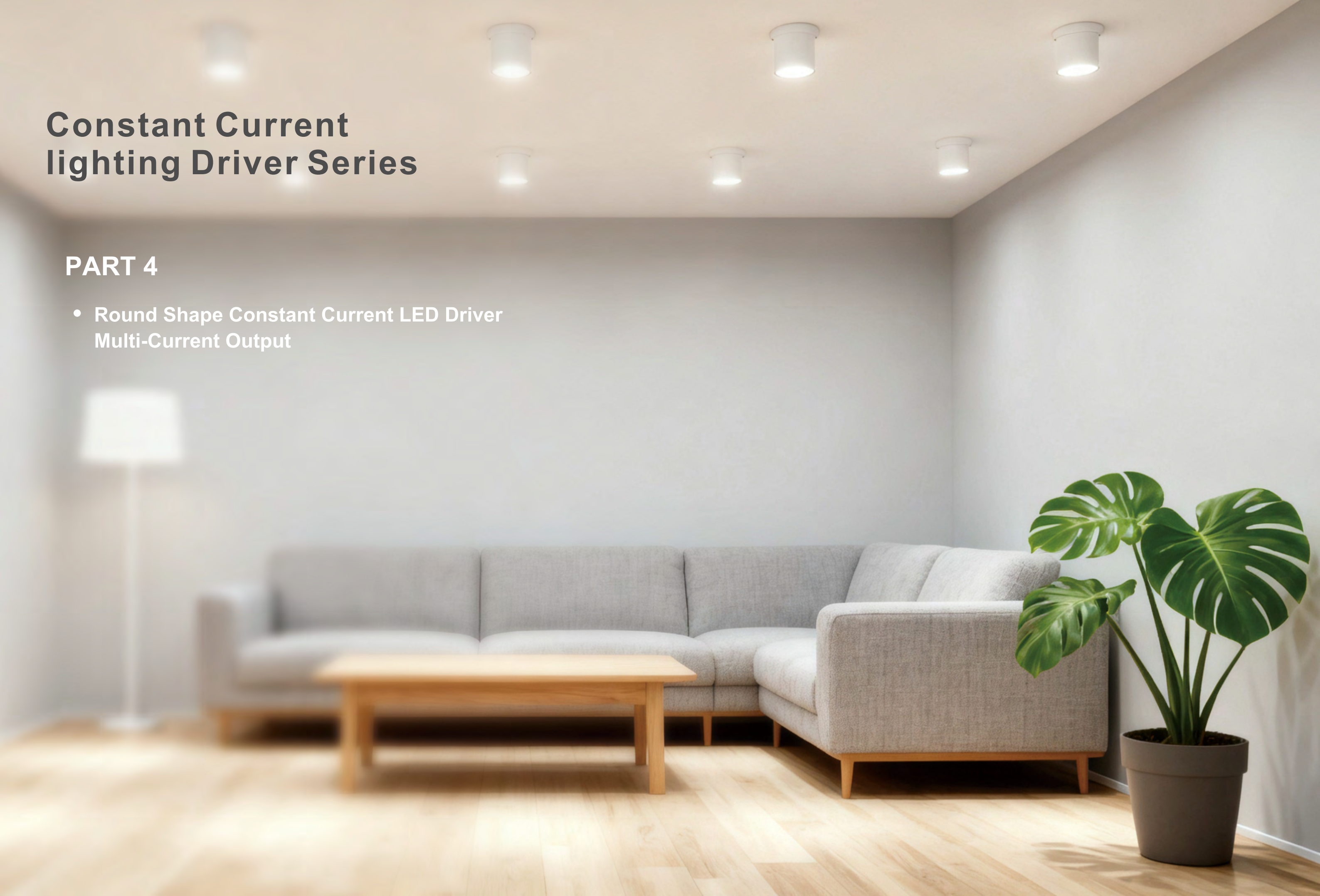
Dimming

Power	Picture	Output	Triac / ELV / MLV	Triac & 0-10V 5 in 1	0-10V 4 in 1
30W Class2	 170.5x116.5x42.5mm	12V, 2.5A 24V, 1.25A 24V, 1.25A 48V, 0.625A	SMT-12&24030-VT-J	SMT-12&24030-VTD-J	SMT-12&24030-VD-J
60W Class2	 196.5x103.4x40mm	12V, 5A 24V, 2.5A 24V, 2.5A 48V, 1.25A	SMT-12&24060-VT-J	SMT-12&24060-VTD-J	SMT-12&24060-VD-J
80W Class2	 196.5x103.4x40mm	60W, 12V, 5A 80W, 24V, 3.33A 72W, 24V, 3A 80W, 48V, 1.67A	SMT-12&24080-VT-J	SMT-12&24080-VTD-J	SMT-12&24080-VD-J
96W Class2	 196.5x103.4x40mm	60W, 12V, 5A 96W, 24V, 4A 72W, 24V, 3A 96W, 48V, 2A	SMT-12&24096-VT-J	SMT-12&24096-VTD-J	SMT-12&24096-VD-J
120W	 196.5x103.4x40mm	72W, 12V, 6A 120W, 24V, 5A 72W, 24V, 3A 120W, 48V, 2.5A	SMT-12&24120-VT-J	SMT-12&24120-VTD-J	SMT-12&24120-VD-J
150W	 207.4x116x40mm	12V, 12.5A 24V, 6.25A 120W, 24V, 5A 150W, 48V, 3.13A	SMT-12&24150-VT-J	SMT-12&24150-VTD-J	SMT-12&24150-VD-J
192W Class2	 232x116x40mm	60Wx2, 12V, MULTI 2x5A 96Wx2, 24V, MULTI 2x4A 60Wx2, 24V, MULTI 2x2.5A 96Wx2, 48V, MULTI 2x2A	SMT-C12&24192-VT-J	SMT-C12&24192-VTD-J	SMT-C12&24192-VD-J
200W	 207.4x116x40mm	12V, 12.5A 24V, 8.33A 120W, 24V, 5A 200W, 48V, 4.17A	SMT-12&24200-VT-J	SMT-12&24200-VTD-J	SMT-12&24200-VD-J
288W Class2	 275x116x40mm	60Wx3, 12V, MULTI 3x5A 96Wx3, 24V, MULTI 3x4A 60Wx3, 24V, MULTI 3x2.5A 96Wx3, 48V, MULTI 3x2A	SMT-C12&24288-VT-J	SMT-C12&24288-VTD-J	SMT-C12&24288-VD-J
300W	 232x116x40mm	180W, 12V,15A 300W, 24V, 12.5A 180W, 24V, 7.5A 300W, 48V, 6.25A	SMT-12&24300-VT-J	SMT-12&24300-VTD-J	SMT-12&24300-VD-J
500W	 280x140. 2x50. 2mm	400W, 12V, 33.33A 500W, 24V, 20.83A 360W, 24V, 15A 500W, 48V, 10.42A	SMT-12&24500-VT-J	SMT-12&24500-VTD-J	SMT-12&24500-VD-J
600W	 280x140. 2x50. 2mm	400W, 12V, 33.33A 600W, 24V, 25A 360W, 24V, 15A 600W, 48V, 12.5A	SMT-12&24600-VT-J	SMT-12&24600-VTD-J	SMT-12&24600-VD-J

Constant Current lighting Driver Series

PART 4

- Round Shape Constant Current LED Driver
Multi-Current Output



TRIAC & 0-10V [100-277Vac]

Round Shape Constant Current LED Driver

Multi-Current Output

TRIAC / Phase-cut / ELV / MLV | 0-10V | 1-10V | 10V PWM | Potentiometer



SMT-R*-CTD-P Series (TRIAC & 0-10V 5 in 1 Dimming)

SMT-R*-CT-P Series (TRIAC Dimming)

SMT-R*-CD-P Series (0-10V Dimming)

1 CH
Dimming

1 - 100%
Full dimming range

PF≥0.95

High
Power factor

Flicker-free
Smooth dimming

DIP
Adjustment Current

Perfect dimming performance for LED fixtures

Spotlights

Downlights

Panel lights

Garden light

Wiring diagram

Diagram 1 Triac Dim

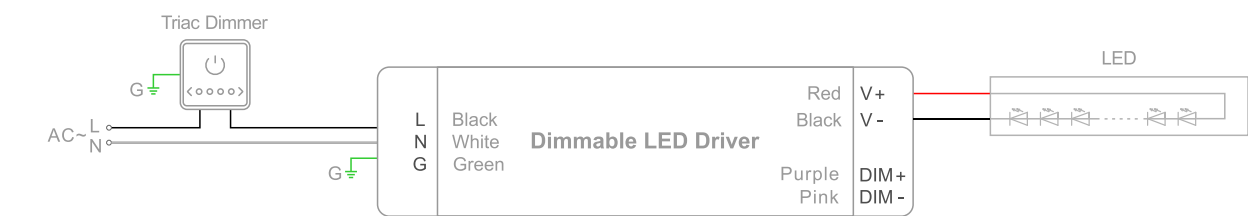
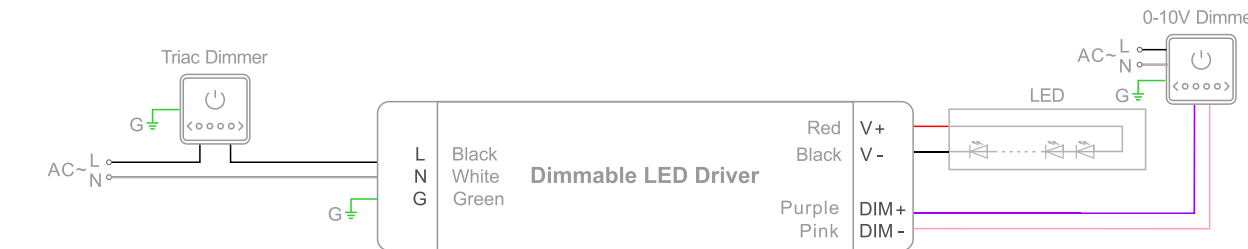


Diagram 2 Triac Dim & 0-10V Dim



Note: Be sure dimming brightness is at 100% for both dimmers and operate one dimmer or the other

Diagram 3 0-10V Dim

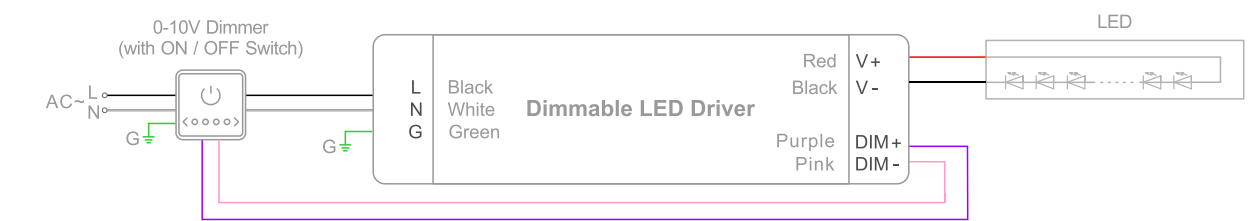


Diagram 4 1-10V / Potentiometer Dim

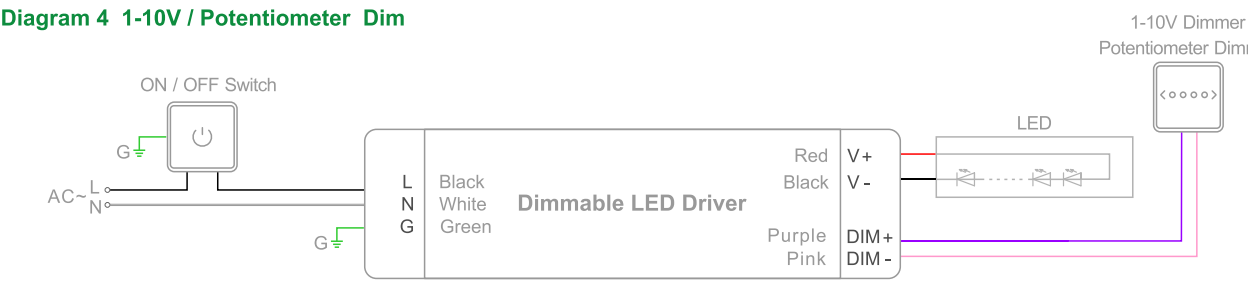
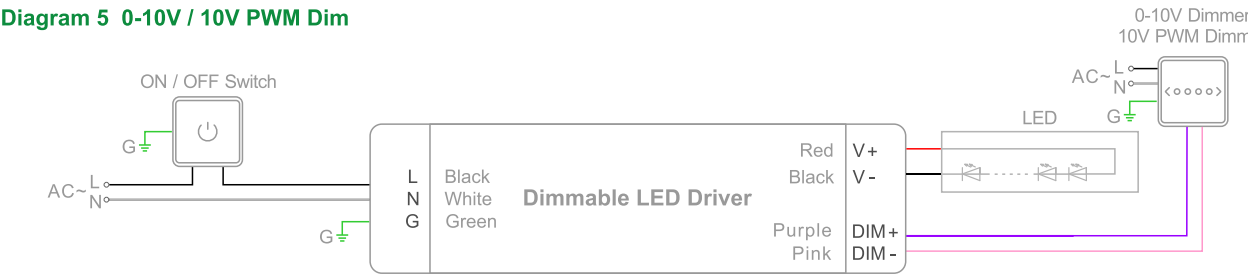


Diagram 5 0-10V / 10V PWM Dim



Triac & 0-10V (5 in 1 Dimming) Series (100-277VAC)

Round Shape Multi-Current Output LED Driver

TRIAC / Phase-cut / ELV / MLV 0-10V 1-10V 10V PWM Potentiometer						
			Dimming			
TRIAC / ELV / MLV Dimming		TRIAC & 0-10V 5 in 1 Dimming		0-10V / 1-10V 4 in 1 Dimming		
SMT-R*-CT series		SMT-R*-CTD series		SMT-R*-CD series		

- Compatible with a wide array of popular dimmers and lighting control system
 - Dimmer : ELV & MLV & TRIAC dimmers, 0-10V dimmer
 - Lighting control system : Lutron, Leviton, Crestron ,etc.

- 8 level / 16 level output current option for choose

- Flicker-free smooth dimming

- Full dimmable range : 1-100%.

- Input 100-277VAC



Dip adjustment current
Circular plastic driver
 10W-50W
 For dry and damp location

SMT-R0401400-CTD-P

1 2 3 4 5

- 1 R : Round Shape LED Driver
- 2 Power : 10W / 15W / 20W / 25W / 30W / 50W
- 3 Max. Output Current
- 4 CTD : Triac & 0-10V (5 in 1) Dimming
CT : Triac Dimming
CD : 0-10V / 1-10V 4 in 1Dimming
- 5 P : Circular Plastic Driver

1 CH
Dimming

1 - 100%
Full dimming range

PF≥0.95
High
Power factor

Flicker-free
Smooth dimming

DIP
Adjustment Current

Power	Picture	Output		TRIAC / ELV / MLV	TRIAC & 0-10V 5 in 1	0-10V 4 in 1	Channels
		ON	OFF	SMT-R* -CT-P	SMT-R* -CTD-P	SMT-R* -CD-P	
10W	 54*48.2*24mm Class 2	3-42V 100mA	⬇⬇⬇⬇	SMT-R0100450-CT-P	SMT-R0100450-CTD-P	SMT-R0100450-CD-P	1CH
		3-42V 150mA	⬇⬇⬇				
		3-42V 200mA	⬇⬇				
		3-40V 250mA	⬇				
		3-33V 300mA	⬆				
		3-29V 350mA	⬆⬆				
		3-25V 400mA	⬆⬆⬆				
		3-22V 450mA	⬆⬆⬆⬆				
15W	 54*48.2*24mm Class 2	3-42V 150mA	⬇⬇⬇⬇	SMT-R0150500-CT-P	SMT-R0150500-CTD-P	SMT-R0150500-CD-P	1CH
		3-42V 200mA	⬇⬇⬇				
		3-42V 250mA	⬇⬇				
		3-42V 300mA	⬇				
		3-42V 350mA	⬆				
		3-37V 400mA	⬆⬆				
		3-33V 450mA	⬆⬆⬆				
		3-30V 500mA	⬆⬆⬆⬆				
20W	 64.4*58.4*24mm Class 2	3-42V 250mA	⬇⬇⬇⬇	SMT-R0200700-CT-P	SMT-R0200700-CTD-P	SMT-R0200700-CD-P	1CH
		3-42V 350mA	⬇⬇⬇				
		3-42V 400mA	⬇⬇				
		3-42V 450mA	⬇				
		3-40V 500mA	⬆				
		3-36V 550mA	⬆⬆				
		3-33V 600mA	⬆⬆⬆				
		3-29V 700mA	⬆⬆⬆⬆				
30W	 64.4*58.4*24mm Class 2	3-42V 300mA	⬇⬇⬇⬇	SMT-R0301050-CT-P	SMT-R0301050-CTD-P	SMT-R0301050-CD-P	1CH
		3-42V 400mA	⬇⬇⬇				
		3-42V 500mA	⬇⬇				
		3-42V 600mA	⬇				
		3-42V 700mA	⬆				
		3-37V 800mA	⬆⬆				
		3-33V 900mA	⬆⬆⬆				
		3-28V 1050mA	⬆⬆⬆⬆				
40W	 74.4*66.4*24mm Class 2	3-42V 400mA	⬇⬇⬇⬇	SMT-R0401400-CT-P	SMT-R0401400-CTD-P	SMT-R0401400-CD-P	1CH
		3-42V 500mA	⬇⬇⬇				
		3-42V 600mA	⬇⬇				
		3-42V 700mA	⬇				
		3-42V 900mA	⬆				
		3-38V 1050mA	⬆⬆				
		3-33V 1200mA	⬆⬆⬆				
		3-29V 1400mA	⬆⬆⬆⬆				
50W	 74.4*66.4*24mm Class 2	3-42V 600mA	⬇⬇⬇⬇	SMT-R0501750-CT-P	SMT-R0501750-CTD-P	SMT-R0501750-CD-P	1CH
		3-42V 700mA	⬇⬇⬇				
		3-42V 900mA	⬇⬇				
		3-42V 1050mA	⬇				
		3-41V 1200mA	⬆				
		3-37V 1350mA	⬆⬆				
		3-33V 1500mA	⬆⬆⬆				
		3-29V 1750mA	⬆⬆⬆⬆				

DALI-2 [100-277Vac]

Round Shape Constant Current LED Driver Multi-Current Output

DALI-2 | D4i | Push | DT6 Dimming



SMT-R*-DP2 Series - Multi-Current Output



DiiA member
DALI-2 Certificate



1 CH
Dimming



0.5 - 100%
Full dimming range

PF≥0.95
High Power factor



Flicker-free
Smooth dimming

DT6
1 CH Dimming



DIP
Adjustment Current

AUX
24V/0.125A
Built-in Auxiliary power

DALI BUS
Built-in
DALI BUS POWER

mA
Multiple Current
for choice



Setting
address



Dimming
curve



NFC Programming

Perfect dimming performance for LED fixtures



Spotlights



Downlights



Panel lights



Garden light

Wiring diagram

Diagram 1 DALI Dim

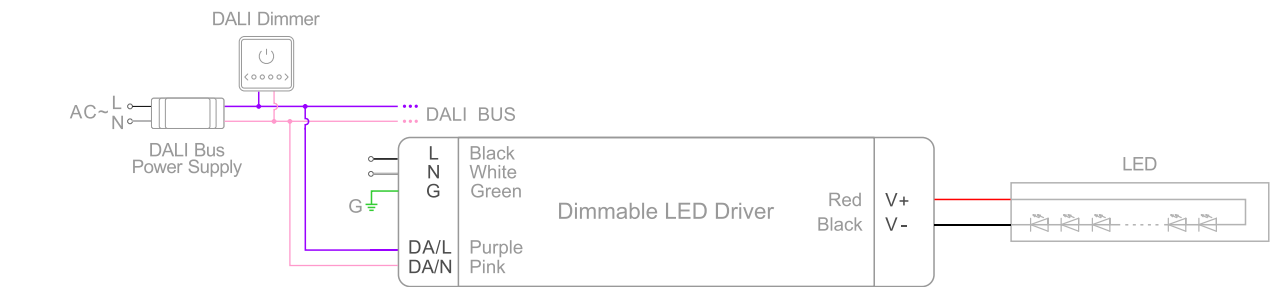


Diagram 2 Push-Dim

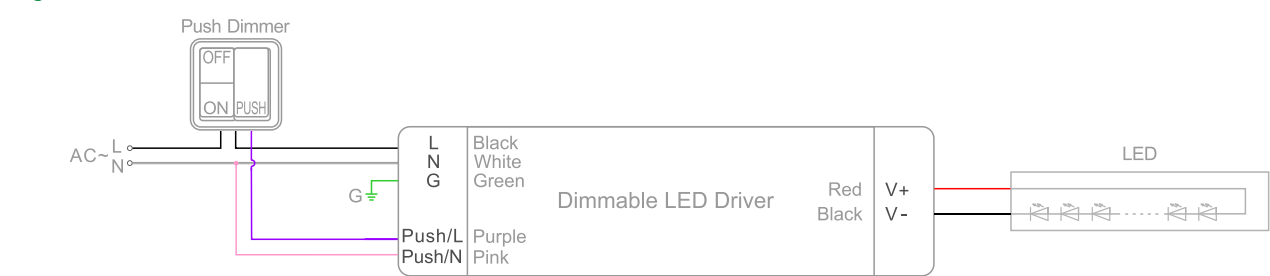


Diagram 3 Push-Dim

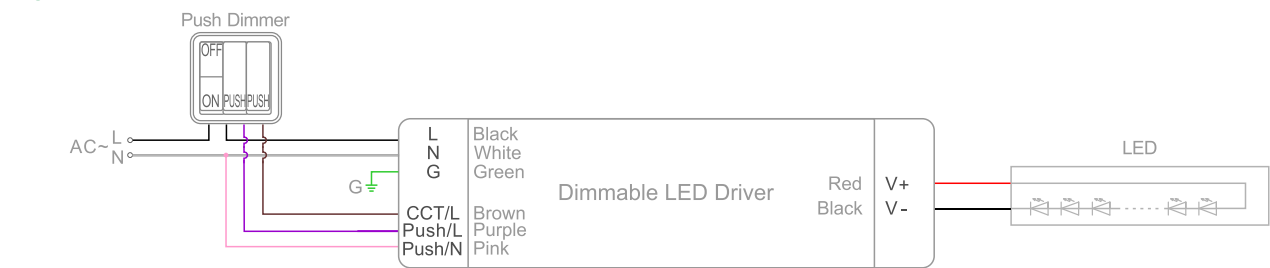


Diagram 4 DALI System

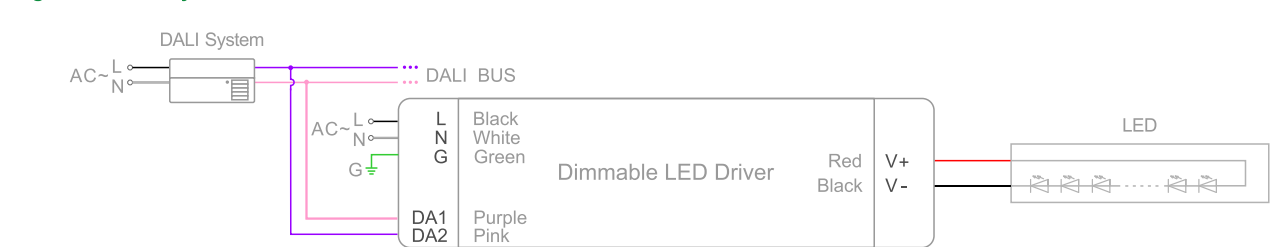
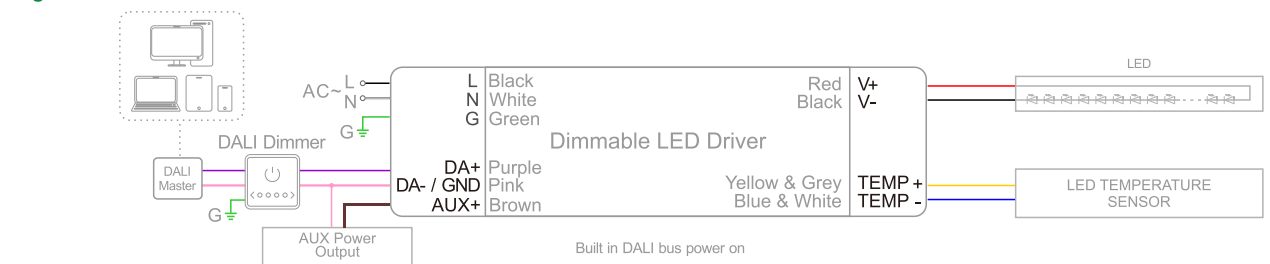


Diagram 5 DALI Master



DALI-2 Dimming Series (100-277VAC)

Round Shape Multi-Current Output LED Driver

DALI-2 | Push Dimming for Choice

 Dimming

- The **SMT-R*-DP2 series** is DIP adjustment constant multi-current with DALI-2 certificate, Dimming depth 1%,1-100% dimming, Meets IEC62386 and flicker-free.
- Ultra-high PF value and high efficiency, low THD & standby power < 0.5W are designed for the energy saving, with DALI-2 & Push two dimming can save stock.
- Short-circuit, over-temperature, over-load protection.
- ProNFC APP & Handheld device function:
SMT-R*-DP2 model
 - Setting address
 - Setting current
 - Choosing dimming curve

ProNFC APP Download



ProNFC App NFC Handheld device



For iPhone users



For Android users



 Dip adjustment current
 NFC setting address and current
Circular plastic driver
10W-50W
For dry and damp location

SMT-R0401400-DP2-P

① ② ③ ④ ⑤

- ① R : Round Shape LED Driver
- ② Power : 10W / 15W / 20W / 25W / 30W / 50W
- ③ Max. Output Current
- ④ DP2 : DALI-2 Dimming
- ⑤ P : Circular Plastic Driver





mA
Multiple Current
for choice



Setting
address



Dimming
curve

 NFC Programming

Power	Picture	Output ON OFF	Model	Channels	Location	Others standard
10W	 54*48.2*24mm Class 2	3-42V 100mA  	SMT-R0100450-DP2-P	1CH	Dry Damp	Class 2 Class P
		3-42V 150mA  				
		3-42V 200mA  				
		3-40V 250mA  				
		3-33V 300mA  				
		3-28V 350mA  				
		3-25V 400mA  				
15W	 54*48.2*24mm Class 2	3-42V 150mA  	SMT-R0150500-DP2-P	1CH	Dry Damp	Class 2 Class P
		3-42V 200mA  				
		3-42V 250mA  				
		3-42V 300mA  				
		3-42V 350mA  				
		3-37V 400mA  				
		3-33V 450mA  				
20W	 64.4*58.4*24mm Class 2	3-42V 150mA  	SMT-R0200700-DP2-P	1CH	Dry Damp	Class 2 Class P
		3-42V 200mA  				
		3-42V 250mA  				
		3-42V 300mA  				
		3-40V 500mA  				
		3-36V 550mA  				
		3-33V 600mA  				
30W	 64.4*58.4*24mm Class 2	3-42V 250mA  	SMT-R0301050-DP2-P	1CH	Dry Damp	Class 2 Class P
		3-42V 350mA  				
		3-42V 400mA  				
		3-42V 500mA  				
		3-42V 600mA  				
		3-37V 800mA  				
		3-33V 900mA  				
40W	 74.4*66.4*24mm Class 2	3-42V 300mA  	SMT-R0401400-DP2-P	1CH	Dry Damp	Class 2 Class P
		3-42V 400mA  				
		3-42V 500mA  				
		3-42V 600mA  				
		3-42V 700mA  				
		3-42V 900mA  				
		3-38V 1050mA  				
50W	 74.4*66.4*24mm Class 2	3-33V 1200mA  	SMT-R0501750-DP2-P	1CH	Dry Damp	Class 2 Class P
		3-29V 1400mA  				
		3-42V 600mA  				
		3-42V 700mA  				
		3-42V 900mA  				
		3-42V 1050mA  				
		3-38V 1350mA  				

DMX512 [100-277Vac]

Round Shape Constant Current LED Driver

Multi-Current Output

DMX | RDM | Dimming



SMT-R*-DMX Series - Multi-Current output

1 CH
Dimming

1 - 100%
Full dimming range

Flicker-free
Smooth dimming

RDM function
Setting address

DIP
Adjustment Current

mA
Multiple Current
for choice

Setting
address

Dimming
curve

NFC Programming

Perfect dimming performance for LED fixtures

Stage lights

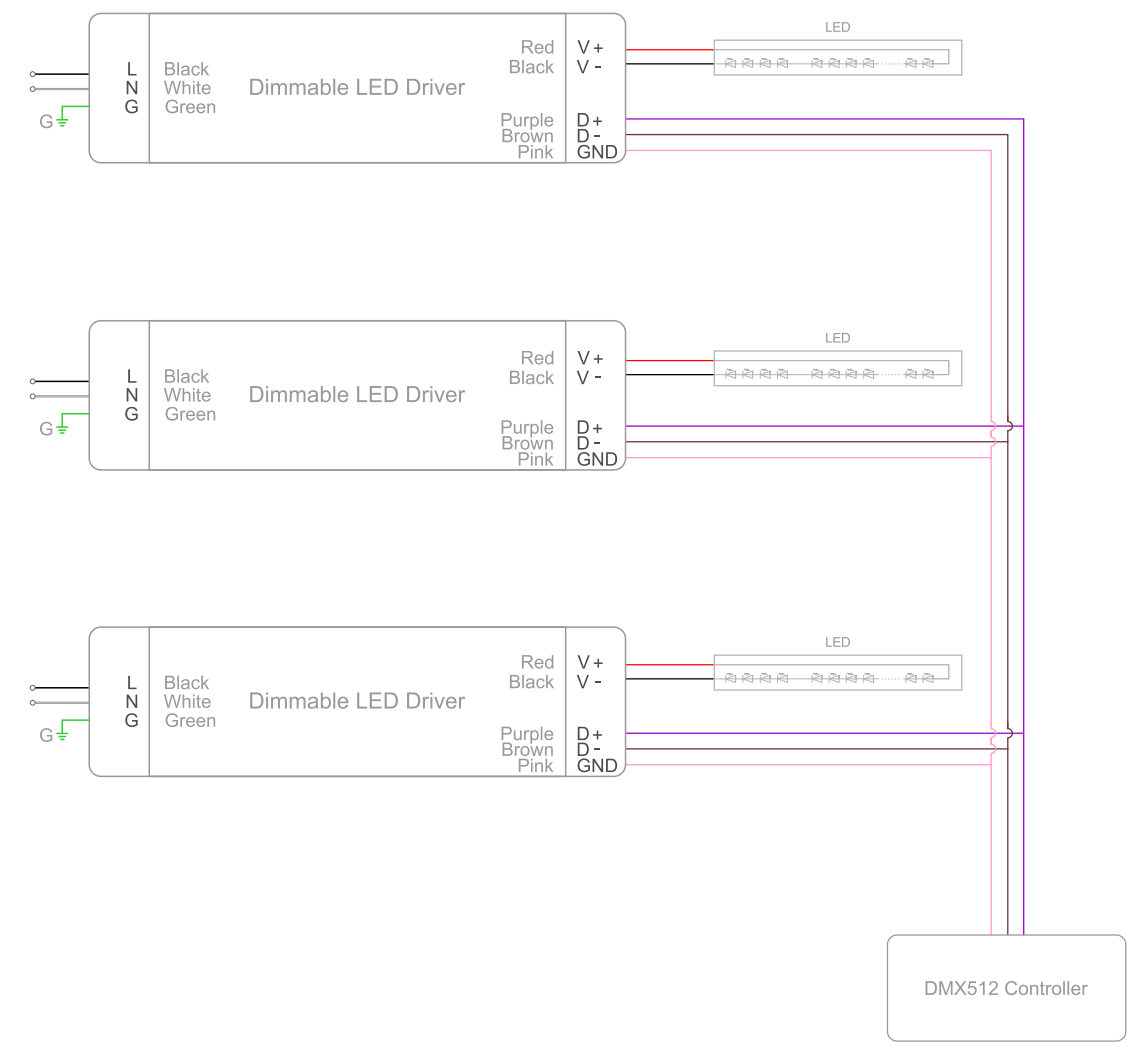
Spotlights

Downlights

Panel lights

Garden light

Wiring diagram



DMX512 Dimming Series (100-277VAC)

Round Shape Multi-Current Output LED Driver

DMX | RDM | Dimming / CCT

 Dimming

- **SMT-R*-DMX series:** Ultra-high PF value and low THD.
- The **SMT-R*-DMX series** based on DMX 512 protocol , should be provided with RDM / NFC function.
SMT-R*-DMX Series: Constant current 10-50W with 1 channels, High PF & efficiency are designed for the energy saving
- 1-100% dimming, universal compatibility and flicker-free.
- Dimming depth 1%
- ProNFC APP & Handheld device function:
SMT-R*-DMX model
 - Setting address
 - Setting current
 - Choosing dimming curve

ProNFC APP Download



ProNFC App NFC Handheld device RDM For iPhone users For Android users



 Dip adjustment current
 NFC setting address and current
Circular plastic driver
10W-50W
For dry and damp location

SMT-R0401400-DMX-P

1 2 3 4 5

1 R : Round Shape LED Driver

2 Power : 10W / 15W / 20W / 25W / 30W / 50W

3 Max. Output Current

4 DMX : DMX512 Dimming

5 P : Circular Plastic Driver

 1 CH Dimming

 1 - 100% Full dimming range

 Flicker-free Smooth dimming

 DIP Adjustment Current

 AUX 12V/0.3A Built-in Auxiliary power

 RDM function Setting address

 mA Multiple Current for choice

 Setting address

 Dimming curve

 NFC Programming

Power	Picture	Output TON OFF	Model	Channels	Location	Others standard
10W	 54*48.2*24mm Class 2	3-42V 100mA 3-42V 150mA 3-42V 200mA 3-40V 250mA 3-33V 300mA 3-28V 350mA 3-25V 400mA 3-22V 450mA	SMT-R0100450-DMX-P	1CH	Dry Damp	Class 2 Class P
15W	 54*48.2*24mm Class 2	3-42V 150mA 3-42V 200mA 3-42V 250mA 3-42V 300mA 3-42V 350mA 3-37V 400mA 3-33V 450mA 3-30V 500mA	SMT-R-0150500-DMX-P	1CH	Dry Damp	Class 2 Class P
20W	 64*58.4*24mm Class 2	3-42V 250mA 3-42V 350mA 3-42V 400mA 3-42V 450mA 3-40V 500mA 3-36V 550mA 3-33V 600mA 3-29V 700mA	SMT-R-0200700-DMX-P	1CH	Dry Damp	Class 2 Class P
30W	 64*58.4*24mm Class 2	3-42V 300mA 3-42V 400mA 3-42V 500mA 3-42V 600mA 3-42V 700mA 3-37V 800mA 3-33V 900mA 3-28V 1050mA	SMT-R-0301050-DMX-P	1CH	Dry Damp	Class 2 Class P
40W	 74.4*66.4*24mm Class 2	3-42V 400mA 3-42V 500mA 3-42V 600mA 3-42V 700mA 3-42V 900mA 3-38V 1050mA 3-33V 1200mA 3-29V 1400mA	SMT-R-0401400-DMX-P	1CH	Dry Damp	Class 2 Class P
50W	 74.4*66.4*24mm Class 2	3-42V 600mA 3-42V 700mA 3-42V 900mA 3-42V 1050mA 3-42V 1200mA 3-38V 1350mA 3-33V 1500mA 3-29V 1750mA	SMT-R-0501750-DMX-P	1CH	Dry Damp	Class 2 Class P