

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

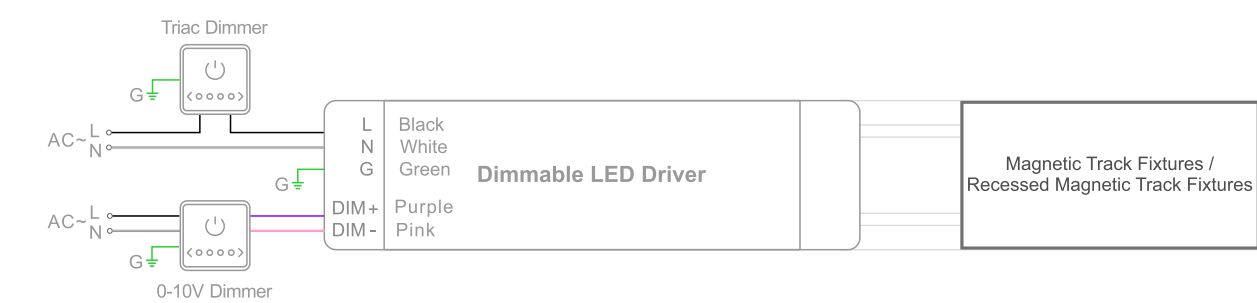


Diagram 2 Triac Dim

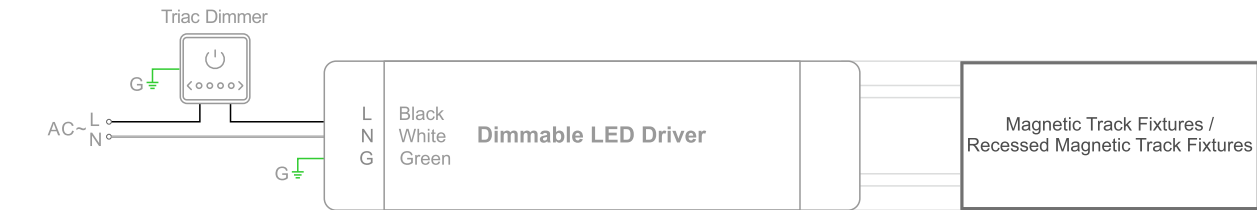


Diagram 3 DALI-2 Dim

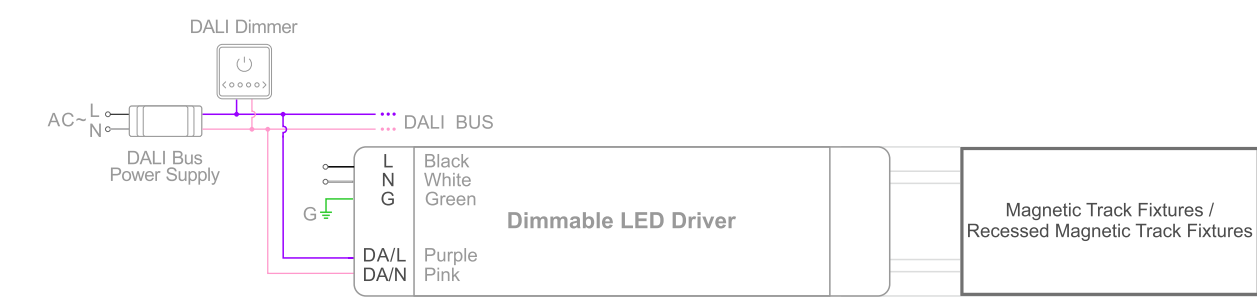
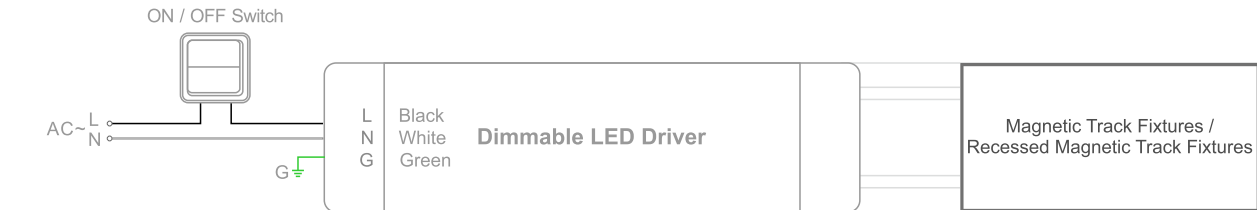


Diagram 4 ON/OFF



External / Embedded Installation Type



 Dimming

- **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)

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

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



1 2 3 4 5

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

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				

External / Embedded Installation Type






1 2 3 4 5

- 1 CH Dimming
- 0 - 100% Full dimming range
- Flicker-free Smooth dimming

PF≥0.95
High
Power factor

 **Magnetic**
Screws-Free

 **Ultrathin**
Linear

5 A : Aluminum Housing
P : Plastic Housing

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

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

Applicable to 20/26mm models of magnetic tracks.

1 CH Dimming

0 - 100% Full dimming range

Flicker-free Smooth dimming

High Power factor $PF \geq 0.95$

PWM Output & Voltage Reduce mode

VR mode

Ultrathin Linear

DT6 / DT8 Switch Between

Adjustable Output voltage

Setting address

NFC Programming

Switch between PWM & VR (Voltage Reduce) output

TRIAC & 0-10V

TRIAC

DALI-2

Non-Dim