



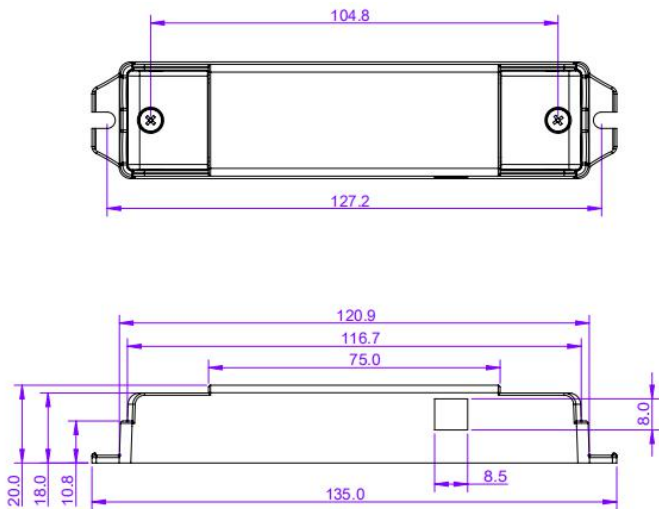
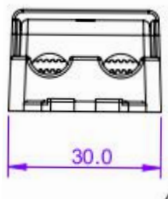
- Features:
- AC Input Range: 100~277VAC with PFC
 - Output Current Selectable via DIP Switch
 - Protections: Short Circuit, Over Load, Over Temperature
 - DALI-2 IEC62386 Compatibility
 - Built in PUSH Dimming
 - IP20 Design for Indoor Installation
 - Class II Power Supply
 - 5 year warranty



| Model | | DDC-10 | | | | | | | |
|-------------|--|--|-------|-------|-------|-------|-------|-------|-------|
| Output | Rated Current (mA) | 100mA | 150mA | 200mA | 250mA | 300mA | 350mA | 400mA | 450mA |
| | ⬆ ON ⬇ OFF | ⬆⬆⬆ | ⬆⬆⬆ | ⬆⬆⬆ | ⬆⬆⬆ | ⬆⬆⬆ | ⬆⬆⬆ | ⬆⬆⬆ | ⬆⬆⬆ |
| | Current Tolerance | ±25mA | | | | | | | |
| | DC Voltate | 3-42V | 3-42V | 3-42V | 3-40V | 3-33V | 3-29V | 3-25V | 3-22V |
| | Rated Power | 4.2W | 6.3W | 8.4W | 10W | 10W | 10W | 10W | 10W |
| Input | Rated Input Voltage | 100-277VAC | | | | | | | |
| | Rated Frequency | 47-63HZ | | | | | | | |
| | Power Factor | Full loading ≥ 0.91@230VAC | | | | | | | |
| | Efficiency (Typ.) | Full loading ≥ 78%@230VAC | | | | | | | |
| | AC Current (Max.) | 0.15A | | | | | | | |
| | Inrush Current (Typ.) | 5.6A, 7.2us @ 50%Ipeak at 230VAC | | | | | | | |
| | Leakage Current | <0.50mA | | | | | | | |
| Protection | Short Circuit | Constant current mode, recovers automatically after fault condition is removed. | | | | | | | |
| | Output No-Load Voltage | 52V max. | | | | | | | |
| | Over Temperature | Ambient temp. over 50±5°C, output current will be reduced to 50%; Ambient temp. over 60±5°C, output will be off; recovers automatically after temp. drops – measured as case temperature tc=75±5°C. | | | | | | | |
| | Protection Class | II | | | | | | | |
| Environment | Working TEMP. | -40~+60°C | | | | | | | |
| | Working Humidity | 20-90%RH, non condensing | | | | | | | |
| | Storage Temp. Humidity | -40 - +80°C, 10-95%RH | | | | | | | |
| Safety | Safety Standards | EN61347-1 EN61347-2-13 | | | | | | | |
| | Withstand Voltage | I/P-O/P:3.75KVAC | | | | | | | |
| | Isolation Resistance | I/P-O/P:100MΩ/500VDC/25°C/70%RH | | | | | | | |
| Others | Weight | 0.12kg | | | | | | | |
| | Size | 127.2*30*20mm (L*W*H) | | | | | | | |
| | Packing | 320*280*215mm (100PCS/CTN) for outer carton | | | | | | | |
| Notes | 1. All parameters NOT specially mentioned are measured at 120VAC/230VAC input, rated load and 25°C of ambient temperature. 2. Tolerance: includes set up tolerance, line regulation and load regulation. 3. Specifications are subject to change without prior notice. Contact your supplier to confirm any critical parameters. | | | | | | | | |

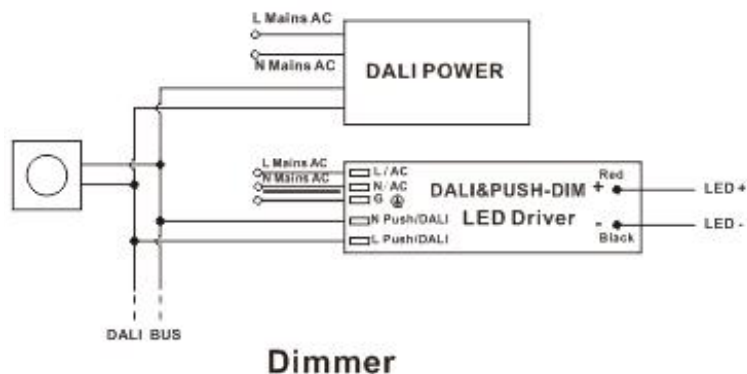
Mechanical Specification

- Input 3 pole terminal block: Active AC (L), Neutral AC (N).
- Output 2 pole terminal block: Positive (LED+), Negative (LED-).
- DALI or PUSH Dim. Terminals 2P: when DALI dimming, the lines are not polarised.
- Suggested wire diameter: Input 0.75-2mm²; Output: 0.5-2mm².
- Ensure that all wiring is correct before testing in order to avoid damage to the LED driver or the LEDs.

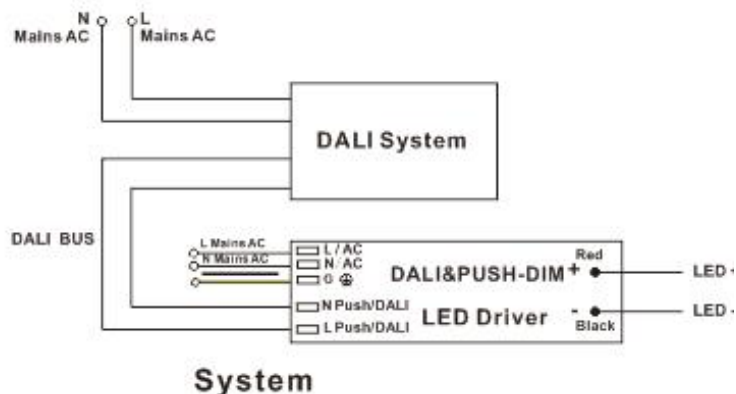


Dimming Operation

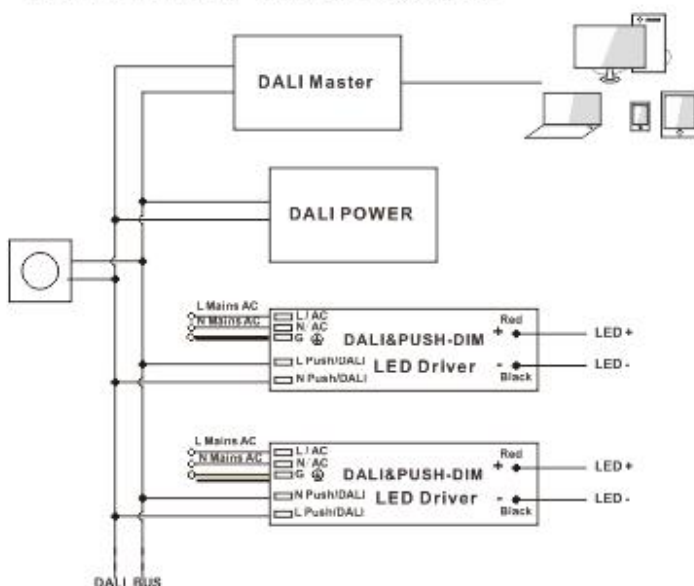
DALI Dimming Wiring Diagram1



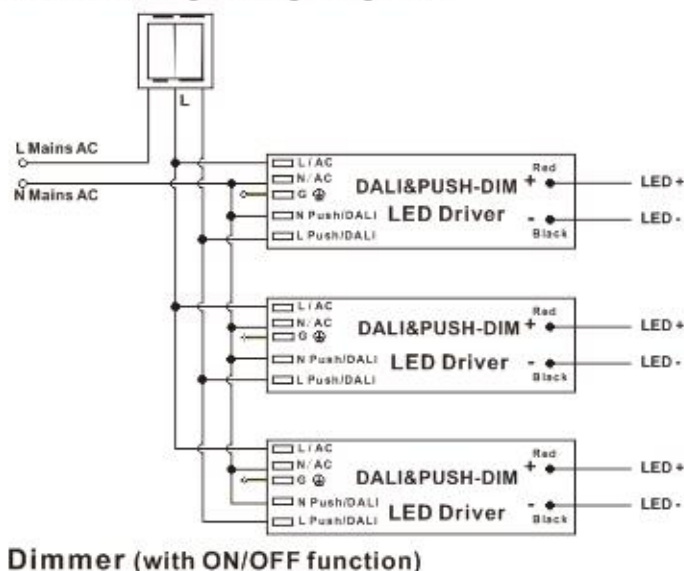
DALI Dimming Wiring Diagram2



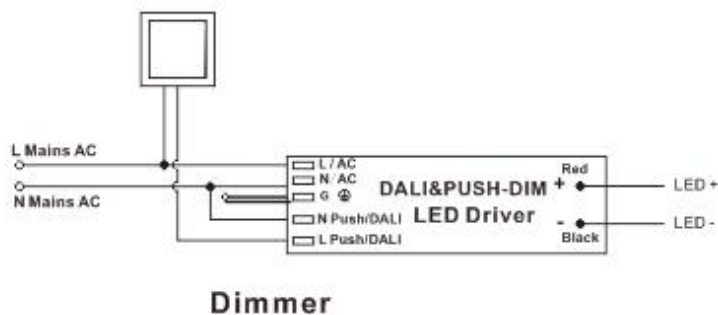
DALI Dimming Wiring Diagram3



Push-Dimming Wiring Diagram1

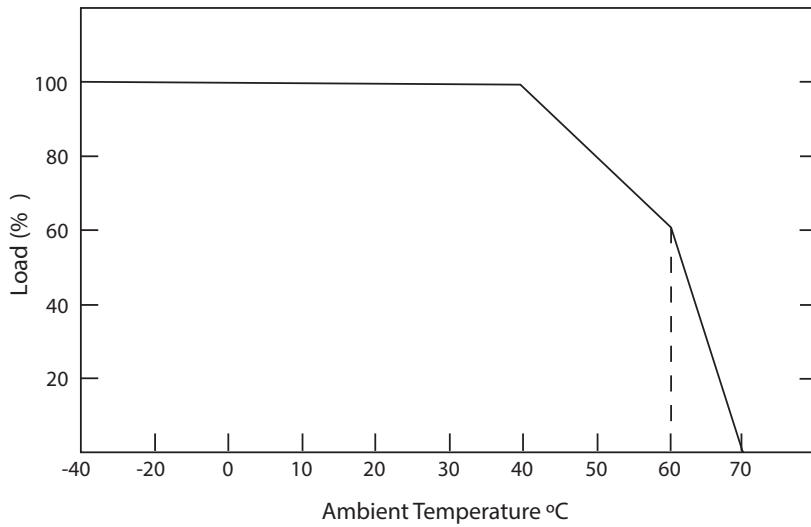


Push-Dimming Wiring Diagram2



- For DALI Dimming Wiring Diagram 3, please note that only one DALI power is needed in the DALI bus, so no extra DALI power is needed if the Master or Dimmer already includes the DALI power.

De-rating Curve



To extend their life, please refer to the De-rating Curve and de-rate according to the temperature.

- If being used in higher ambient temperatures, ensure the load on the LED driver is de-rated in accordance with this chart. Failure to do so could lead to a premature failure, which is not

Instruction:

- 1) This driver should be installed by qualified and professional person;
- 2) Please make sure the driver is installed with adequate ventilation around it to allow for heat dissipation.
- 3) Ensure that wiring is correct before test in order to avoid LED and power supply damage.

Any other question please feel free to contact ADM Systems Pty Ltd.