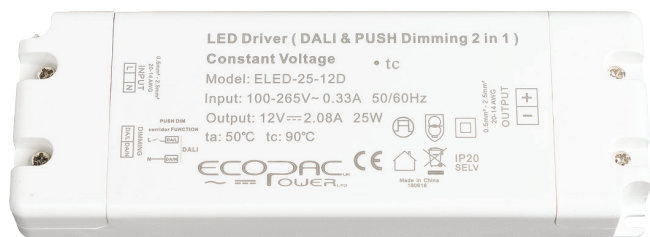


### Features:

- Constant voltage/ PWM Output
- DALI & Push dimming function
- AC input: 100-265VAC
- Built-in active PFC function
- Efficiency up to 82%
- Protections: Short circuit/ Over load/ Over temperature
- Cooling by free air convection
- IP20 design for indoor installation.
- Suitable for intelligent LED lighting



### Models

#### ELED-25-12D

#### ELED-25-24D

### Output Specifications

|                   |             |       |
|-------------------|-------------|-------|
| Output Voltage    | 12V         | 24V   |
| Voltage Tolerance | $\pm 0.5\%$ |       |
| Output Current    | 2.08A       | 1.04A |
| Rated Power       | 25W         |       |
| Load Regulation   | $\pm 2\%$   |       |

### Input Specifications

|                             |                                |      |
|-----------------------------|--------------------------------|------|
| Input Voltage               | 100-265VAC                     |      |
| Frequency Range             | 47-63Hz                        |      |
| Inrush Current              | 16A (Twidth=32 $\mu$ s 230VAC) |      |
| Full Load Efficiency (Typ.) | 77%                            | 82%  |
| AC Current (Max.)           | 0.32A                          | 0.3A |
| Leakage Current             | <0.50mA                        |      |
| Power Factor                | PF>0.9/230VAC (Full Loading)   |      |

### Protection

|                  |                                                                                                 |
|------------------|-------------------------------------------------------------------------------------------------|
| Short Circuit    | Constant current mode, recovers automatically after fault condition is removed                  |
| Over Loading     | $\leq 120\%$ constant current limiting, recovers automatically after fault condition is removed |
| Over Temperature | 100°C $\pm$ 10°C                                                                                |
| Protection Class | II                                                                                              |

### Environment

|                     |                                     |
|---------------------|-------------------------------------|
| Working Temperature | -40~+60°C (Refer to derating curve) |
| Working Humidity    | 20-95% RH, non-condensing           |

### Environment

|                               |                                                                        |
|-------------------------------|------------------------------------------------------------------------|
| Storage Temperature, Humidity | -40~+80°C, 10-95% RH                                                   |
| Temperature Coefficient       | ±0.03%/°C (0-50°C)                                                     |
| Vibration                     | 10-500Hz, 5G 10min./ 1 cycle, period for 60min.each along X, Y, Z axes |

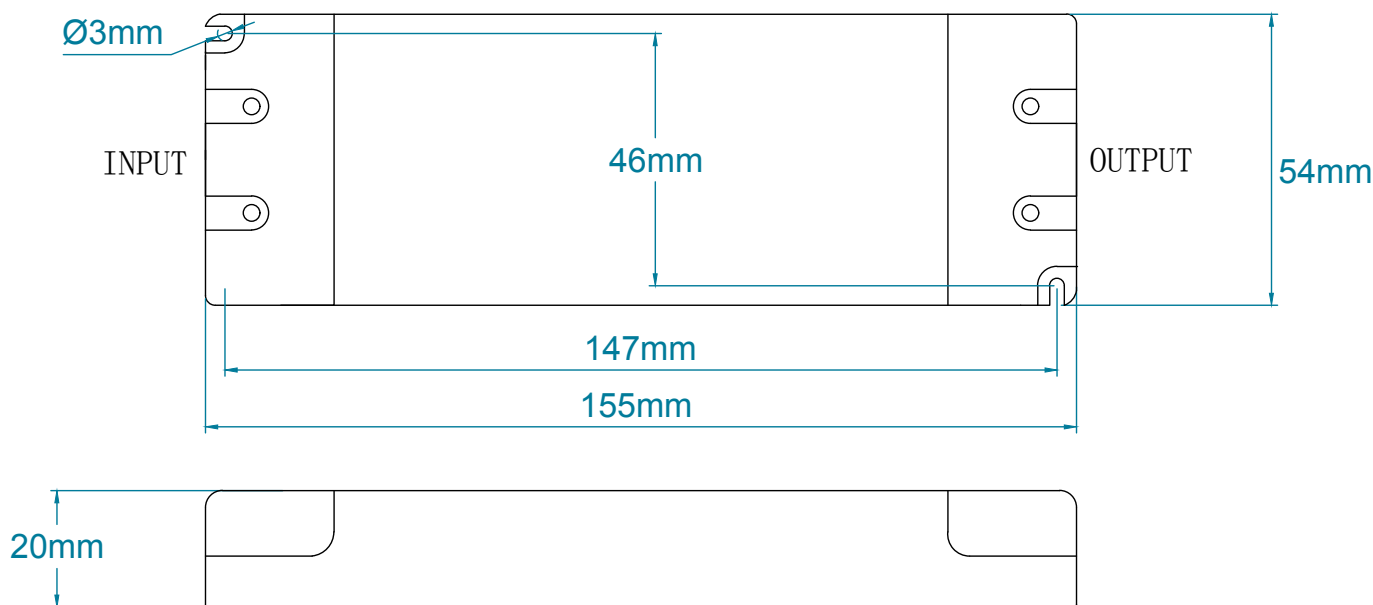
### Safety & EMC

|                      |                                                             |
|----------------------|-------------------------------------------------------------|
| Safety standards     | EN61347-1, EN61347-2-13, EN62493, IP20                      |
| Withstand voltage    | I/P-O/P:3.75KVAC                                            |
| Isolation resistance | I/P-O/P:100MΩ/500VDC/25°C/70%RH                             |
| EMC Emission         | Compliance to EN55015, EN61000-3-2, EN61000-3-3 (≥60% load) |
| EMC Immunity         | Compliance to EN61000-4-2,3,4,5,6,11, EN61547               |

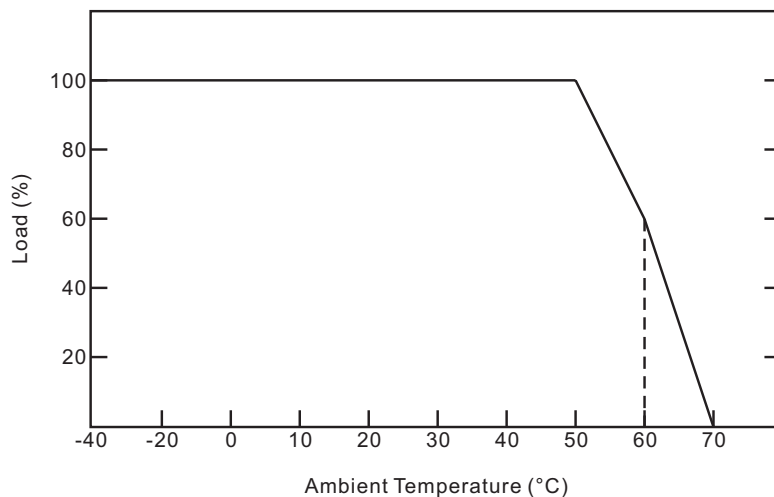
### Other Specifications

|         |                                           |
|---------|-------------------------------------------|
| Weight  | 0.21 Kg                                   |
| Size    | 155 x 54 x 20 mm                          |
| Packing | 350 x 240 x 130 mm (40PCS/CTN, 9 Kg/CTN)) |

### Mechanical Specifications

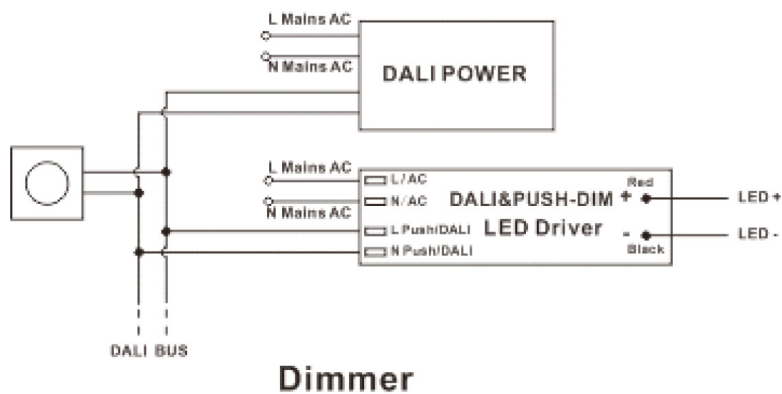


### Derating Curve

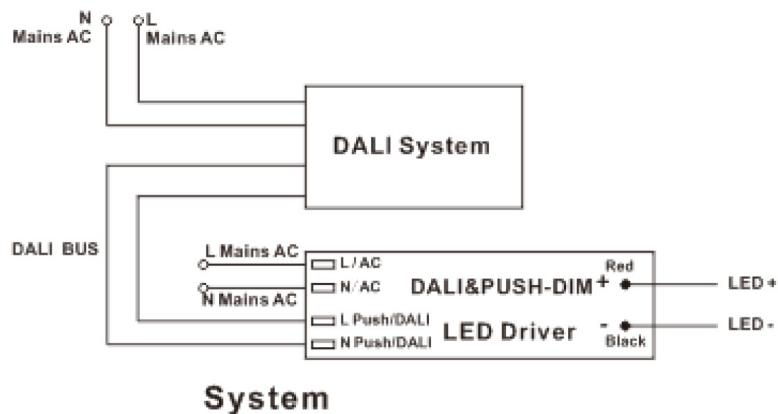


### Dimming Operation

DALI Dimming Wiring Diagram1

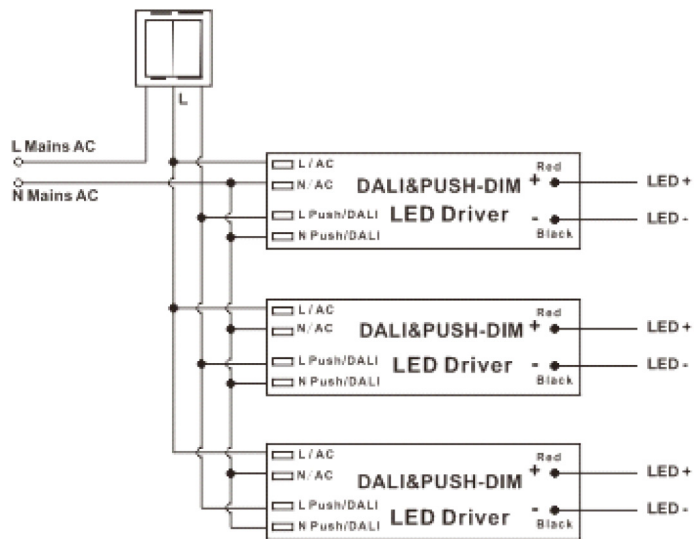


DALI Dimming Wiring Diagram2



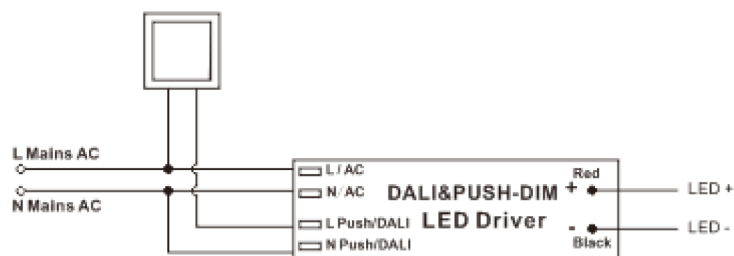
### Dimming Operation

Push-Dimming Wiring Diagram1



Dimmer (with ON/OFF function)

Push-Dimming Wiring Diagram2



Dimmer