

## Features:

- Constant voltage
- DALI & Push dimming function (0-100%)
- AC input: 100-277VAC
- Built-in active PFC function
- Efficiency up to 84%
- Protections: Short circuit/ Over load/ Over temperature
- Cooling by free air convection
- IP20 design for indoor installation.
- Suitable for intelligent LED lighting
- 5 years warranty



## Models

ELED-30-12DP2-SL

ELED-30-24DP2-SL

ELED-30-48DP2-SL

## Output Specifications

	ELED-30-12DP2-SL	ELED-30-24DP2-SL	ELED-30-48DP2-SL
Output Voltage	12V (12-13.5V adjust by NFC)	24V (24-26V adjust by NFC)	48V (48-50V adjust by NFC)
Voltage Tolerance		± 0.5%	
Output Current	2.5A	1.25A	0.625A
Rated Power		30W	
Load Regulation	± 2%	± 1%	± 1%

## Input Specifications

Input Voltage	100-277VAC		
Frequency Range	47-63Hz		
Inrush Current	32A (132us@50%Ipeak@230VAC)		
Full Load Efficiency (Typ.)	83%	84%	84%
AC Current (Max.)	0.42A		
Leakage Current	<0.5mA		
Power Factor	PF≥0.98@120VAC PF≥0.98@230VAC PF≥0.95@277VAC (Full loading)		

## Protection

Short Circuit	Hiccup mode, recover automatically after fault condition is removed
Over Loading	≤120% hiccup mode, recovers automatically after fault condition is removed
Over Temperature	100°C± 10°C
Protection Class	I

## Environment

Working Temperature	-40~+60°C (Refer to derating curve)
Working Humidity	20-90% RH, non-condensing

## Safety & EMC

Storage Temperature, Humidity	-40~+80°C, 10-95% RH
Temperature Coefficient	±0.03%/°C (0-50°C)
Vibration	10-500Hz, 2G 10min./ 1 cycle, period for 60min.each along X, Y, Z axes

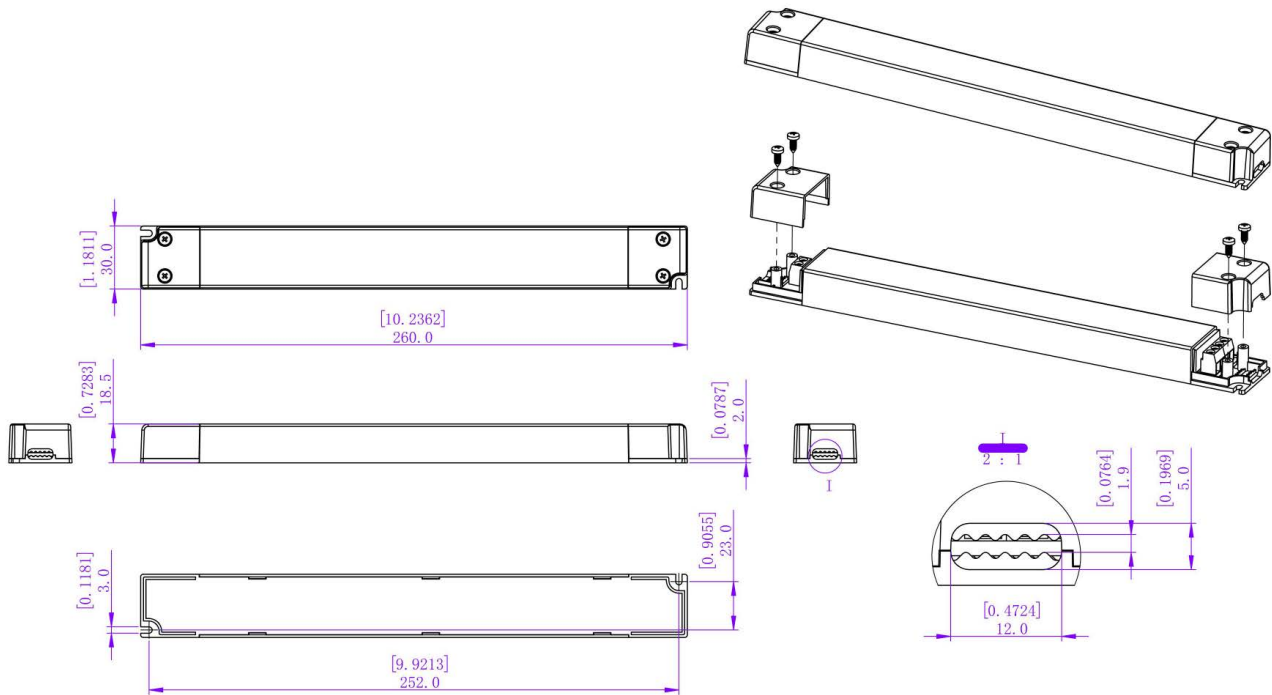
## Safety & EMC

Safety standards	EN61347-1 EN61347-2-13(EU) & UL8750 UL1310(US)
Withstand voltage	I/P-O/P:3.75KVAC (EU) & I/P-O/P:1.8KVAC (US)
Isolation resistance	I/P-O/P:100MΩ / 500VDC / 25°C / 70%RH
EMC Emission	EN55015 EN61000-3-2,3 (≥50%) (EU) & FCC Part 15 Subpart B(US)
EMC Immunity	EN61000-4-2,3,4,5,6,11 EN61547

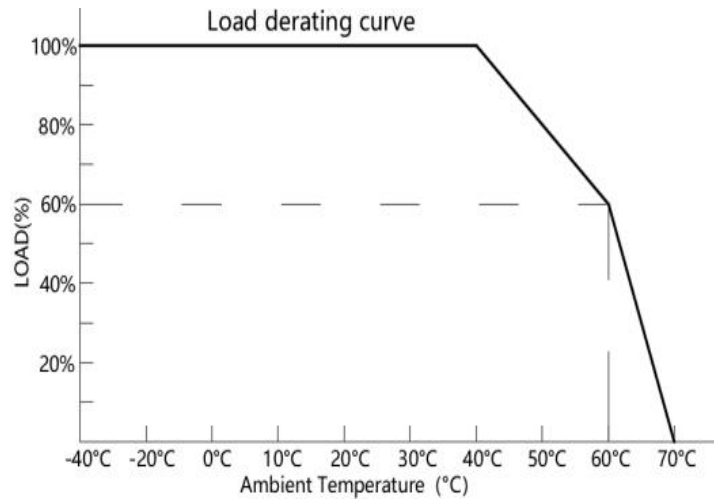
## Other Specifications

Weight	0.21 Kg
Size	260x 30 x 18.5 mm
Packing	330 x 275 x 130 mm (50PCS/CTN)

## Mechanical Specifications

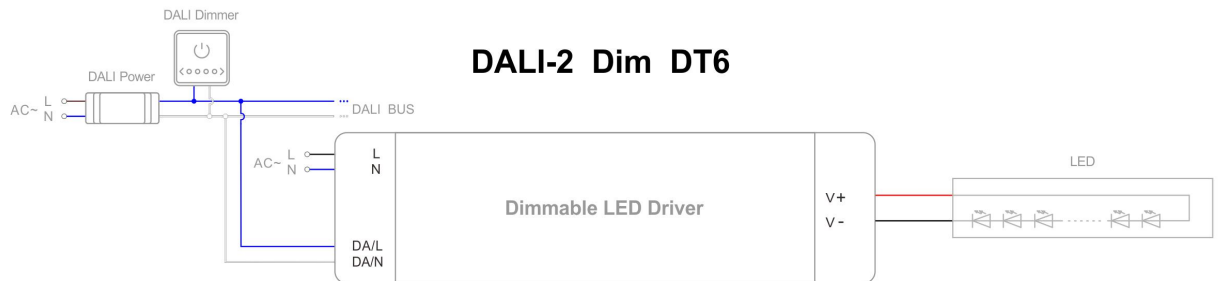


## Derating Curve

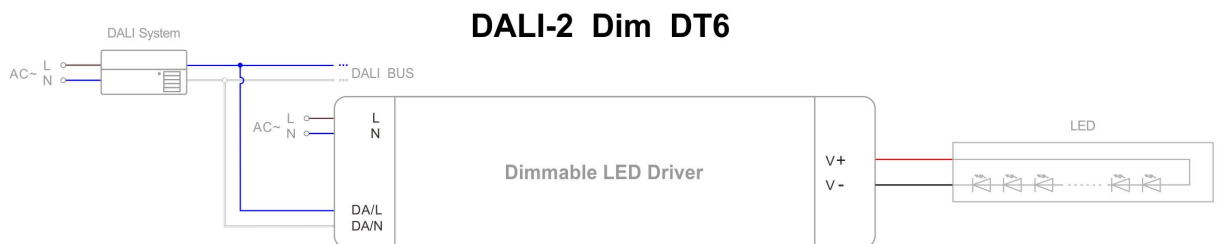


## Dimming Operation

- Using DALI-2 dimming with DALI power and dimmer

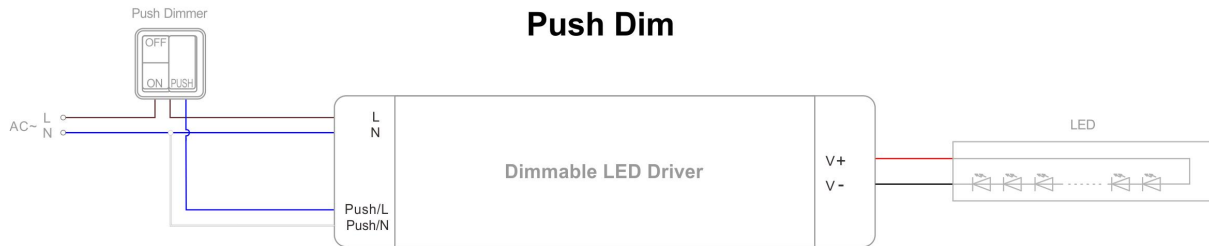


- Using DALI-2 dimming with DALI system and DALI bus

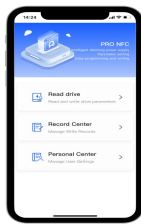


## Dimming Operation

- Using PUSH dimming with dimmer (on & off function)



## NFC Function



ProNFC APP



NFC Handheld devices

- Address settings:

NFC setting address:

The address can be read and written by a mobile with ProNFC APP or NFC handheld device (NFC read & write device: NFC-RW) by close to the NFC signal area of the DALI driver.

### NFC voltage regulation level

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

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 light and power supply damage.
4. If driver Cannot work normally, don't maintain privately.