

# E-Dimming LED Driver

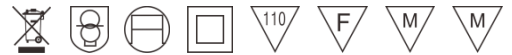
Design and Quality EASEIC of USA

## LED105A E-DIMMING DALI DRIVER

SPEC SHEET



60W 12V 0-5A DALI Dim  
LED105A  
69306001



RoHS

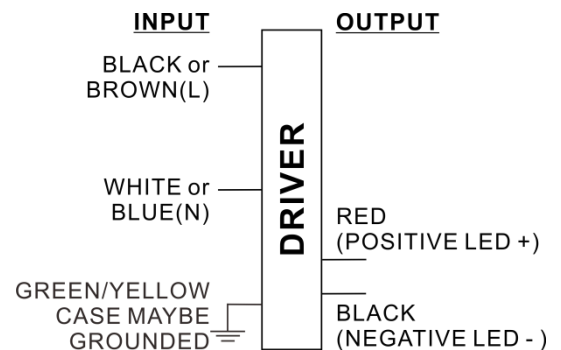
### Features

- Output constant voltage
- Range 100-265VAC
- Built-in active PFC function
- Efficiency 86%
- Protections: short circuit/over load/ over current/over temperature
- Cooling by free air convection
- IP66 design for indoor or outdoor installation .
- Dimming function: Built in DALI interface dimming function
- conform to DALI Protocol IEC62386
- Dimming range from 0.1% to 100%
- Suitable for intelligent LED lighting
- Compliance to worldwide safety regulations for lighting
- Suitable for dry/damp/wet locations

### Benefits

- Enables design of low profile and compact fixtures
- Helps to maximize energy savings and allows application specific light levels

### Wire Diagram



### Note:

Install in accordance with National and Local Electrical Codes.

Please pay special attention to wiring installation guidelines, Wrong wiring will cause damage to the LED driver.

Before connection the power, make sure you have access to the LED load.

# LED105A

## E-DIMMING DALI DRIVER SPEC SHEET

### Electrical Specifications

| Ordering Information            |  |              |              |
|---------------------------------|--|--------------|--------------|
| Type                            | LED105A  |              |              |
| Order Code                      | 69306001   |              |              |
| Full product name               | E-Dimming 60W 12V 0-5A DALI Dim  |              |              |
| Input Information               |  |              |              |
| Line Voltage                    | 100-264Vac_rms   |              |              |
| Full load Efficiency(Typ)       | 83%  | 84%          | 85%          |
| Line Current                    | 0.35A@220VAC   | 0.34A@230VAC | 0.34A@240VAC |
| Line Frequency                  | 47/63Hz  |              |              |
| Min, Mains Voltage operational  | 90[min]  |              |              |
| Max, Mains Voltage operational  | 277[max]   |              |              |
| THD(total)                      | <20%   |              |              |
| Power Factor(PF)                | >0.99/220V   |              |              |
| Leakage Current(Typ.)           | <0.7mA/230VAC  |              |              |
| Output Information              |  |              |              |
| Output Constant Voltage         | 12V  |              |              |
| Output Current                  | 0-5A   |              |              |
| Protections                     | Over Current, Over Voltage,<br>Short Circuit and Open Circuit Protection for LED+ and LED-   |              |              |
| Ambient Temp Range              | -20°C to +60°C, 20-95% RH non-condensing   |              |              |
| Max Case Temperature(Tc)        | 75°C for Life & 85°C for TUV Safety  |              |              |
| Features                        |  |              |              |
| Dimming Interface               | DALI(IEC62386) Sink Current<2mA  |              |              |
| Dimming range                   | 0.1-100%   |              |              |
| Environment & Approbation       |  |              |              |
| Environmental Protection Rating | TUV damp and dry   |              |              |
| Agency Approbations             | ENEC EN61347-1,EN61347-2-13 independent, EN62384,TUV EN60950-1   |              |              |
| Electromagnetic Compliance      | Compliance to EN55015,EN61000-3-2 Class C(@100% Load);EN6100-3-3<br>Compliance to EN61000-4-2,3,4,5,6,8,11;EN61547,EN55024, light industry<br>level(surge 2KV), criteria A |              |              |
| Other Information               |  |              |              |
| Dimension                       | 200x68x46mm  |              |              |
| Weight                          | 1.1KG  |              |              |
| Packing                         | 329*279*176mm/10pcs/CTN 265*98*55 mm for inner box   |              |              |

All the specifications are typical and at 25 °C Tcase unless specified otherwi

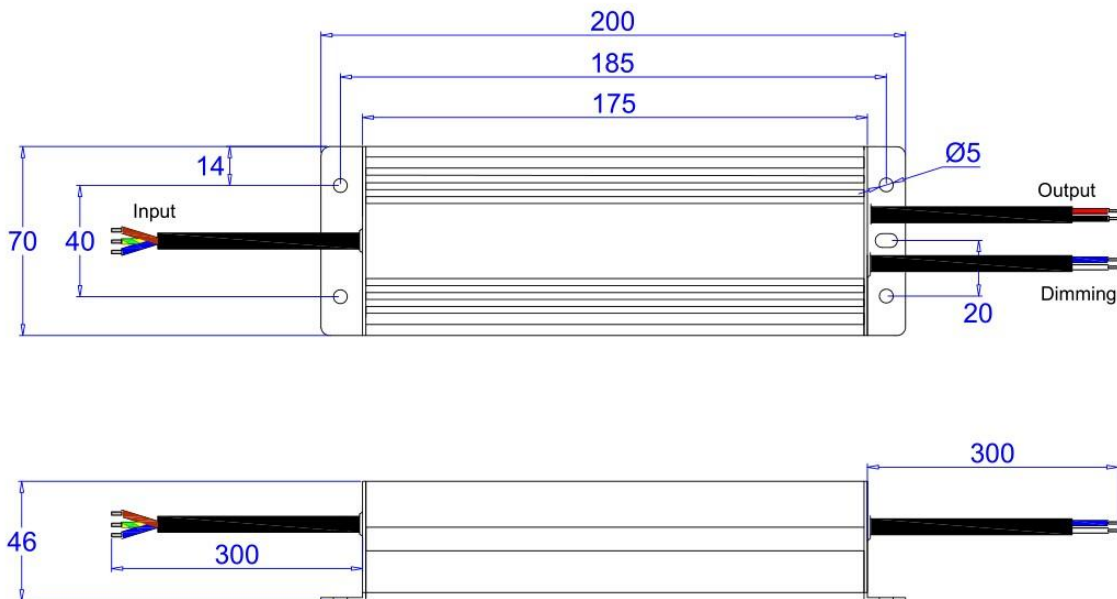
# LED105A

## E-DIMMING DALI DRIVER

### SPEC SHEET

#### Mechanical Specifications

#### Mechanical Drawing:



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