

ADL2L-035-I2C700-ZS-A

Tunable White 0-10V Dimming Constant Current Isolated LED Driver

Output Power: **35W**



IP20



5 years warranty

Output Current: **400 / 550 / 700mA** (dip switch selectable)

Product Features:

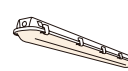
- Isolated output, current selectable by DIP switch.
- Tunable white - CCT selectable by DIP switch
- 0-10V dimming, 1-100%, smooth, no flicker
- Input voltage of 120VAC~277VAC
- Protections: Short circuit, Overload, Over voltage
- Suitable for indoor LED lighting application



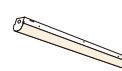
Applications:



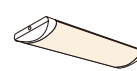
Panel Light



Vapor Tight



Linear Light

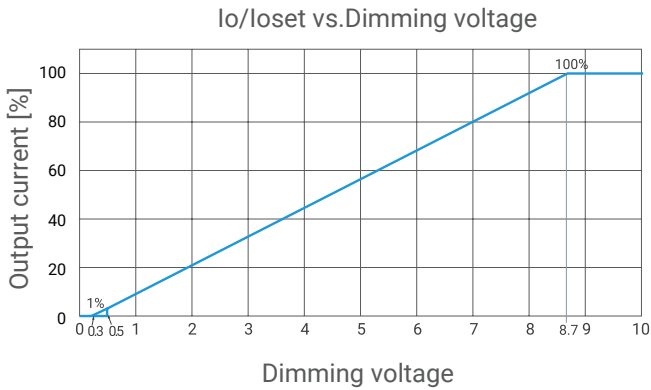


Puff Light

Electrical specification:

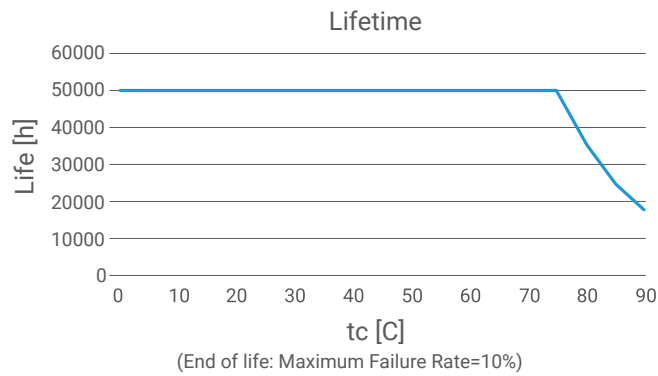
Input	Voltage	120VAC-277VAC		
	Frequency	50/60Hz		
	Current	0.38Amax@120VAC		
	Efficiency	85%@120VAC, Full load		
	PF	>0.90@120VAC, Full load		
	THD (full load)	<20%@120VAC, Full load		
	Inrush Current	Cold start, 40A peak, 1.2ms duration, <0.25A 2s@120Vac		
Output	Switch position	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Current/Voltage/Power	400mA / 40-50V / 20W	550mA / 40-50V / 27.5W	550mA / 40-50V / 35W
	Auxiliary Power (Vaux)	CV: 12V (0-100mA)		
	Ripple Current	Ip-p:8%Io max		
	Setup Time	0.75s max		
	Current tolerance	±5%		
	LF current ripple (<120Hz)	<3%		
Protection	Over Voltage	Hiccup, recovers after fault condition is removed		
	Over load	Hiccup, recovers after fault condition is removed		
	Short circuit	Auto recovery. The output recovers when short is removed.		
Safety & EMC	Surge	Line to line 2.5kV, line to ground 2.5kV, RingWave		
	EMC Immunity	FCC Part 15 Class A		
Functions	Dimming	0-10V		
	Dimming range	1%-100%		
Other	Dimension (L*W*H),	11.1x1.18x0.83 In (281x30x21.2 mm)		
	N. Weight	380g		
	IP rating	IP20		
	Operating temp / Relative humidity	-20°C~+55°C, / 20~90% RH		
	tc	75°C		
	Lifetime	50,000h@tc:75°C		
Material	Iron			

Dimming Curve:

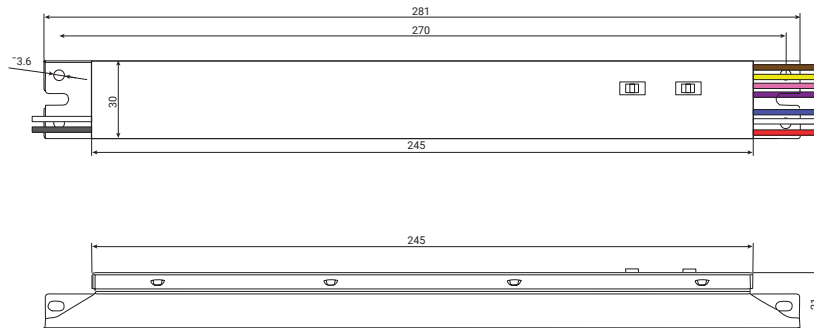


Parameter	Min	Typ	Max
Vdim Sourcing Current	90uA	100uA	110uA
0-10V Dimming Range	0% (Vdim=0-0.3V)	Linear	100% (Vdim=8.7-10V)

Lifetime vs. Case Temperature



Dimmensions:



Warranty:

Warranty period General Terms and Conditions <https://adurasolutions.com/warranty>

Safety:

- Risk of electrical shock. May result in serious injury or death. Disconnect power before servicing or installing.**
- The LED driver may only be connected and installed by a qualified electrician. All applicable regulations, legislation, and building codes must be observed. Incorrect installation of the LED driver can cause irreparable damage to the LED driver and the connected LEDs.
- Pay attention when connecting the LEDs: polarity reversal results in no light output and often damages the LEDs.
- LED drivers are designed and intended to operate LED loads only. Powering non-LED loads may push the LED driver outside its specified design limits and is, therefore, not covered by any warranty.
- To guarantee sufficient convection cooling, **keep a minimum distance of 2" (50mm) or above** and lateral distance to other units. Good heat dissipation conditions extend product life. Install the product in a well-ventilated environment.
- Please make sure LED power supply output voltage, current is used to meet the product requirements.
- The current rating for the output cable must be rated higher than or equal to the output current of the power supply, refer to the product specifications.
- Please observe voltage drop over long cable lengths. Longer cable lengths increase EMI susceptibility.
- In case of malfunction, do not repair it.