



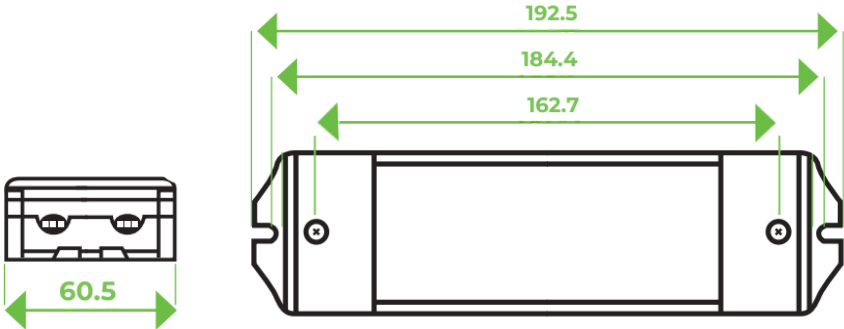
Features:

- AC Input Range: 100~277VAC with PFC
- Output Current Selectable via DIP Switch
- Protections: Short Circuit, Over Load, Over Temperature
- 0/1-10V Dimmable
- IP20 Design for Indoor Installation
- Class II Power Supply
- 5 year warranty

Model		ADC-60							
Output	Rated Current (mA)	600mA	700mA	800mA	900mA	1A	1.1A	1.2A	1.3A
	T ON L OFF	TTTT	TLLL	LTLL	TTLL	LLTT	TLLT	LTLL	TTTT
	DC Voltage	3-65V	3-65V	3-65V	3-65V	3-60V	3-55V	3-50V	3-46V
	Rated Power	39W	45.5W	52W	58.5W	60W	60W	60W	60W
	Current Tolerance	±5mA							
	Rated Current (mA)	1.4A	1.5A	1.6A	1.7A	.8A	1.9A	2A	2.1A
	T ON L OFF	LLLT	TLLT	LTLL	TTLL	LLTT	TLLT	LTLL	TTTT
	DC Voltage	3-43V	3-40V	3-38V	3-35V	3-33V	3-32V	3-30V	3-29V
	Rated Power	60W	60W	60W	60W	60W	60W	60W	60W
Input	Rated Input Voltage	100-277VAC							
	Rated Frequency	47-63HZ							
	Power Factor	0.99@120VAC	0.95@230VAC	0.90@277VAC					
	Efficiency (Typ.)	83.3%@120VAC	84.5%@230VAC	83.7%@277VAC					
	AC Current (Max.)	0.8A							
	Inrush Current (Typ.)	10.8A,104uS@50% Ipeak @120V			24A,108uS @50% Ipeak @277V				
	Leakage Current	<0.50mA							
Protection	Short Circuit	Constant current mode, recovers automatically after fault condition is removed.							
	Output No-Load Voltage	75V max.							
	Over Temperature	Ambient temp. over 55±10°C, output will be off; recovers automatically after temperature drops							
	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							
	TEMP. coefficient	±0.03%/°C (0-50°C)							
	Vibration	10-500Hz, 2G 10min./1 cycle,period for 60min.each along X,Y,Z axes							
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	0.17kg							
	Size	192.50*62*24mm (L*W*H)							
	Packing	320*280*215mm (50PCS/CTN) for outer carton							
Notes	1. All parameters NOT specially mentioned are measured at 277VAC 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

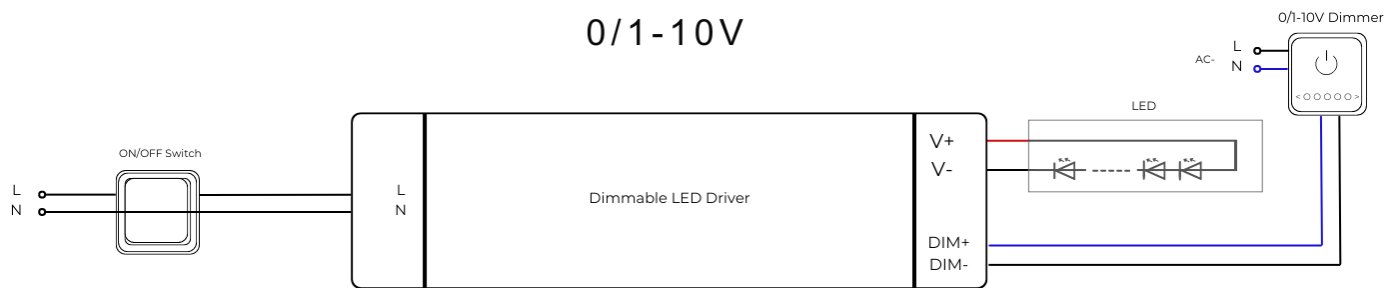
- Input 3 pole terminal block: Active AC (L), Neutral AC (N).
- Output 2 pole terminal block: Positive (LED+), Negative (LED-).
- 0/1-10V. Terminals 2P.
- Suggested wire diameter: Input 0.75-2mm²; Output: 0.5-2mm².
- Ensure that all wiring is correct before testing in order to avoid damage to the LED driver or the LEDs.



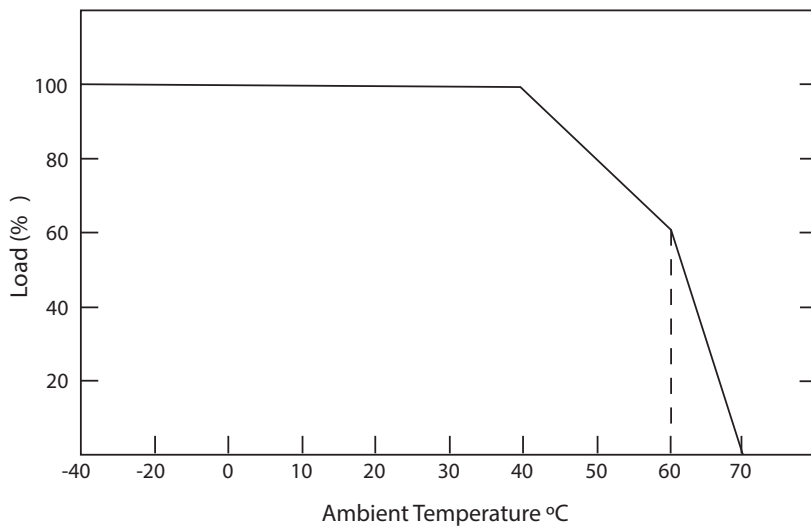
Dimming Operation and Connecting Diagram

1. Adjust the LED driver output to the desired constant current by using the dip switch.
2. Connect the 0/1-10V dimmer pot – for example the Power Source D1-10.
3. Connect a light fitting and test operation before connecting any further fittings.

0-10/1-10V



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.