

CUP17AT-1WMC

Summary

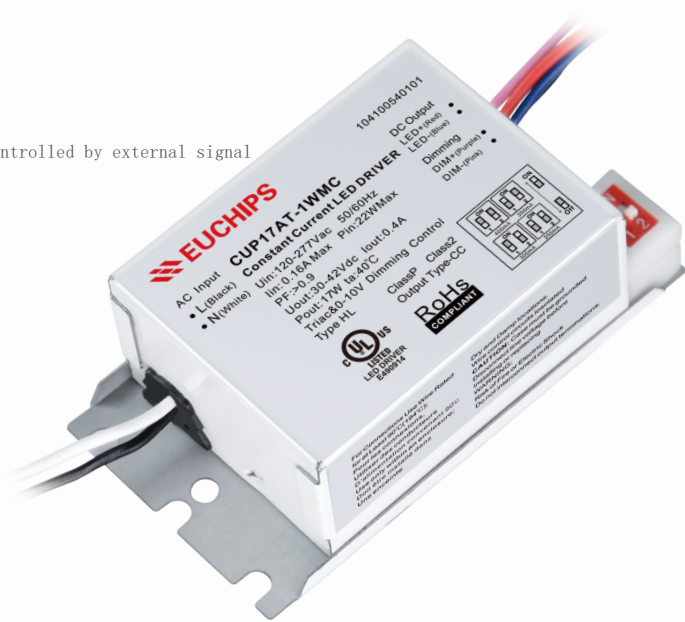
CUP17AT-1WMC is a constant current mode output LED driver. This driver can be controlled by external signal Phase-Cut ,0-10V to achieve a smooth dimming effect.

Product Feature

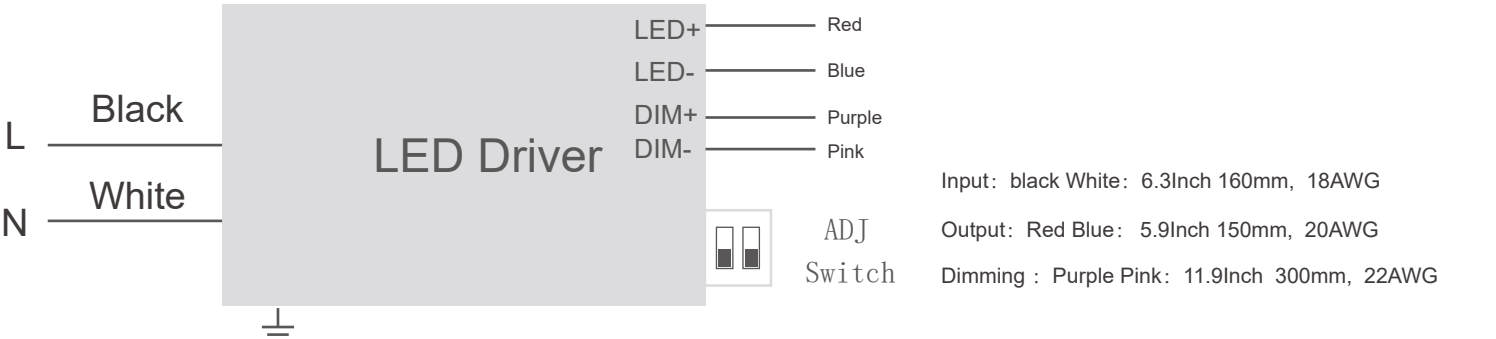
- Comply With UL8750/CSA-22.2 No.250.13 Safety Regulations
- All material to be ROHs compliant to Directive 2011/65/EU and (EU)2015/863
- Class P, Class 2
- 5 Years Warranty (Life expectancy of 50,000h at tc≤75° C)
- Comply With FCC Part15 Class B (@120Vac input Voltage)
- Output Power(Current) Adjustable

Technical Parameters

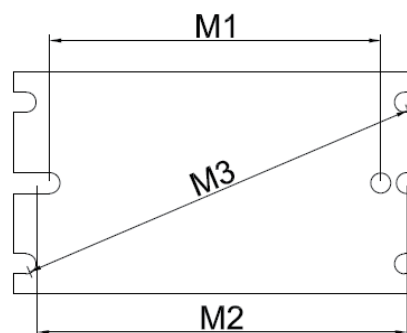
Model	CUP17AT-1WMC	
Input	Efficiency	≥84%120 ≥82%277VAC
	Voltage	120-277VAC
	Power Factor	>0.95120V >0.90277V
	THD(full load)	<20%
	AC Current	0.17A120VAC 0.08A (277VAC)
	Inrush Current(max)	Max 30A
Output	Current (mA)	400/350/300/250mA 30-42VDC
Function	Dimming Type	0-10V and Triac (120V 60Hz only)
	Dimming Range	10%-100% @120-277Vac(0-10V Dimming)
	Flicker Percentage	<30% ,comply with CEC Title 20
Safety& EMC	Surge	IEEE C62.41 2.5kV Ring Wave
	Withstand Voltage	I/P-O/P. I/P-FG: (2U+1000Vac)/5mA/1min, O/P-FG: 500Vac/5mA/1min
	Safety Standards	UL 8750-LED equipment for use in lighting product CSA C22.2 No.250.13-LED equipment for lighting
Others	Lifetime	50,000h at tc≤75° C
	Material	metal
	Dimension	3.4x1.9x1.186in/47.6*27.8mm(±1)
	Packing(weight)	Net weight: 190g10.425%/PCS
	IP Rating	IP20
	Working Temp.	-20° C~40°4C F~104° F
	Storage Temp., Humidity	-40° C~55°40° F~131° F
	Switch Cycle	>25,000 times
	Warranty Condition	5 years



Wiring Diagram

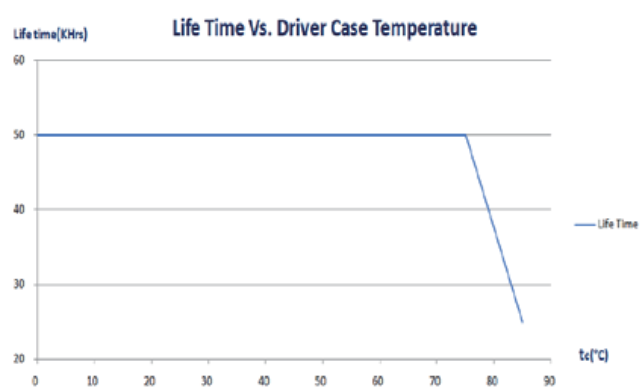


Mounting Length	M1	M2	M3
(in./mm)	2.8/70.9	3.24/82.2	3.5/88.2



Driver Lifetime Curve

Maximum output voltage on the dimming wires: 10V



nameplate



104100504101

AC Input

- L(Black)
- N(White)

CUP17AT-1WMC

Constant Current LED DRIVER

Vin:120-277Vac 50/60Hz
 In:0.16A Max Pin:22WMax
 PF>0.90
 Uout:30-42Vdc Iout:0.4A
 Pout:17W Ta:40°C
 Triac&0-10V Dimming Control
 Type HL

DC Output

- L+(Red)
- L-(Blue)

Dimming
 DIM+(Purple)
 DIM-(Pink)



ClassP Class2

Output Type-CC






For Connections Use Wire Rated for at Least 90°C (194°C);

Pour les connexions,

Utiliser des conducteurs

D'alimentation convension 90°C

Doit être installé dans

Une enceinte

Dry and Damp locations,

Wire control circuits Isolated

CAUTION: Case must be grounded

Disconnect line voltage before

Installing or replacing

WARNING:

Risk of Fire or Electric Shock

Do not interconnect output terminations.

Cautions

- 1.This product should be installed by qualified personnel.
- 2.This product is non waterproof, need to avoid sun and rain.In case of outdoor use, please ensure it is mounted in a water proof enclosure.
- 3.Good heat dissipation conditions extend product life. Please install the product in a well-ventilated environment.
- 4.Please make sure LED power supply output voltage, current is used to meet the product requirements.
- 5.Please ensure that adequate sized cable is used from the controller to the LED lights to carry the current. Please also ensure that the cable is secured tightly in the connector.
- 6.In case of malfunction, do not repair it yourself.