

# AED48-12/24VUL-3AF(3BF) 48 W LED Driver

### LED Driver 12V/24V 48W

## **UL series**



#### Product Feature:

•Constant Voltage Design

•Type of Protection:Overload/Over voltage

•Fully Protective Plastic Shell

Class 2 Driver

Suitable for Indoor Fixtures

·100% Fully Load Aging Test

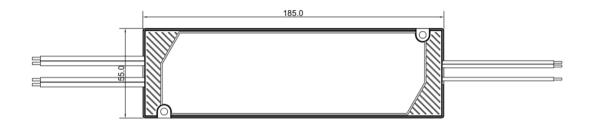
•3 Years Warranty

Elect	rical specification		e 🕀 🕲 🖓 🕒	SELV Class 2	2	
Model		AED48-12VUL-3AF	AED48-12VUL-3BF	AED48-24VUL-3AF	AED48-24VUL-3BF	
	Output Voltage	12V 24V				
Output	Voltage Accuracy	±5%				
	Output Current	4A 2A				
	Output rated power	48W				
	Max.no Load Voltage	12.6V 25.2V				
	Load Regulation	±5%				
Input	Voltage range	108-132Vac				
	Frequency range	60Hz				
	Efficiency (Typ.)	88% 88.5%			8.5%	
	Input current	1.7A(Max)	0.87A(Max)	1.7A(Max)	0.87A(Max)	
	Surge current (Max)	80A@120VacFull-load Cold State				
	Leakage Current	0.5mA				
	Line Regulation	±5%				
	Start up time		1	s		
	Heating film function	YES	NO	YES	NO	
	Heating film rated current	0.83A@120Vac Max	No heating film function	0.83A@120Vac Max	No heating film function	
Protection	Overload	The rated output power is 110%-130%. Abnormality lifts back to normality without any output of driver				
	Short circuit protection	Products are not damaged when appearing short-circuited. It can be recovered automatically when short- circuit is released				
Environment	Operating temperature/humidity	-20°C~40°C/ 20%~90% RH				
	Storage Temperature/humidity	-20°C~80°C/ 10%~95% RH				
	Vibration	10~500Hz,2G 10 minutes/The cycle period for X, Y, Z axis 60 minutes each				
	Noise/(Max)	24DB				
	Safety specification	UL8750,UL1310				
	Withstand Voltage	I/P-O/P :1500Vac 5mA				
Safety specification	Insulation Resistance	I/P-O/P, 100Mohms/500Vdc/25°C/70%RH				
and electromagnetic		FCC Part15				
compatibility	Electromagnetic compatibility immunity	IEC61000-4-2,3,4,5,6,8,11				
	Lifetime	30000Н				
	Size	185mm*55mm*16.5mm				
Remark	<ol> <li>Without specified, all specification pa 2. Method of noise measurement: 300n</li> <li>The output needs to be reduced in th</li> <li>The driver is considered to be a comp needs to reconfirm EMC in the whole set of</li> <li>The start-up time is measured in the 6.It is an optional model passing UL(UL8</li> </ol>	nm distance test inside the e case of low input voltage conent used in conjunctic of equipment because the cold start-up sate and co	ne sound attenuated box. ge. Please refer to the stat on with the terminal equip e EMC is affected by the co ntinuous switches may ma	ic characteristic curve for ment. Manufacturers of omplete set of equipmen ike the start-up time lon	or more details. terminal equipment nt.	



Mechanical drawings.Unit : mm

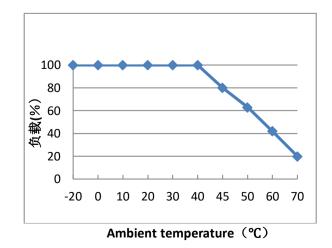


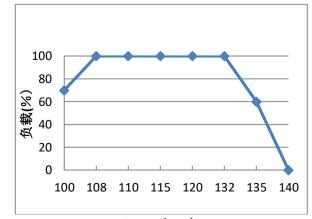


X:Wiring diagram.

照色L 自色N 自色N OUT AC120V 「棕色」 L1	黑色- 红色+ 蓝色 ON/OFF	+12/24V 0N/0FF	— IN- — IN+ 控制器 — 开关 开关	OUT+ OUT W- OUT C-
接除雾膜				

### Deduction curve. Static characteristic.





Input Voltage (Vac)