EUP75A-1H24V-1 (Product No.:103200091101)

Summary

EUP75A-1H24V-1 is a constant voltage mode output LED driver. This driver can be controlled by external signal (0/1-10V active signal, adjustable resistance and PWM signal) to achieve a smooth dimming effect.

Product Features

·Single channel constant voltage output,3.1A Max

·Support 3-in-1 dimming mode(0/1-10V active signal, adjustable resistance and PWM signal)

·High input voltage of 220VAC ~ 240VAC

·Dimming range of 0-100%, and dimming effect smooth, no flicker

·100% output when no dimming signal input, can be used as normal power supply

·Over load protection; over voltage protection; short circuit protection;Over temperature

·IP20, suitable for indoor LED lighting application

Application

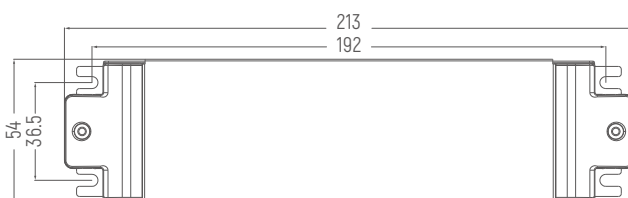| Wall Washer | LED Strip Light | LED Tube | Underground Light | AR111 Venture Light |

Technical Paramaters

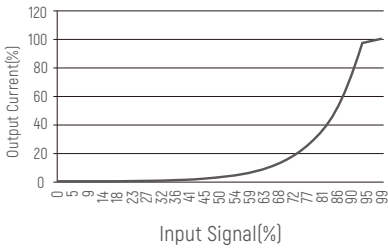| Model		EUP75A-1H24V-1
Input	Efficiency	>85%@230VAC,Full load
	Voltage	220VAC-240VAC
	Frequency Range(Hz)	50/60Hz
	Power Factor	≥0.95@230VAC,Full load
	AC Current(max)	0.5Amax@230VAC
	Inrush Current(max)	Cold start,45A@230VAC
Output	Current / Voltage / Power	3.1A/24VDC/74.4W
	R & N (Max)	200mVp-p
	Channel	1
	Voltage Accuracy	±3%
Function	Dimming Type	0/1-10V active signal, adjustable resistance, PWM
	Dimming Range	1%-100% Dimming to off
Protection	Short Circuit	Hiccup, recovers after fault condition is removed
	Over Load	Hiccup, recovers after fault condition is removed
	Over voltage	Hiccup, recovers after fault condition is removed
	Over Temperature	Shut down the output, recovers automatically when temp. back to normal.
Others	Working Temp.	-20°C~50°C
	Storage Temp., Humidity	-40°C~85°C, 20-90%RH
	tc	90°C
	Material	Metal
	IP Rating	IP20
	Lifetime	30,000h@tc:80°C
	Warranty Condition	3 years
	Switch Cycle	>15,000 times
	Packing(weight)	Net weight: 460g±5%/PCS; 20PCS/Carton;10.5kg±5%/Carton; Carton Size: 244*223*199mm(L*W*H)
	Dimension	213*54*33mm （L*W*H)

Dimension(mm)

213
192
54
36.5
33

0/1-10V Wiring

0/1-10V Signal Input

Dimming Curve

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.Due to safety concerns, PVC or rubber cord of 0.75- 2.5mm² is recommended for input and output terminal(s)(excluding signal terminals). Flat power cord is not suitable.Ensure all wire connections and polarities are correct before applying power to avoid any damages to the LED lights.

7.In case of malfunction, do not repair it yourself.

※ The contents of this manual are updated without prior notice. If the function of the product you are using is inconsistent with the instructions,

the function of the product shall prevail.Please contact us if you have any questions .

EUP75A-1H24V-1 [产品代码:103200091101]

概述

EUP75A-1H24V-1是一款可以用于室内的恒压输出LED调光驱动器。

这款驱动器可以通过外部0/1-10V有源信号，可调电阻和PWM信号实现平滑调光的效果。

产品特点

· 单通道恒压输出，最大输出电流为3.1A

· 支持3合1调光（0/1-10V有源信号，可调电阻，PWM信号）

· 高输入电压220VAC ~ 240VAC

· 调光范围0-100%，调光曲线平滑，无闪烁

· 信号悬空时，满载输出，可作为电源使用

· 短路保护，过载保护，过压保护，过温保护
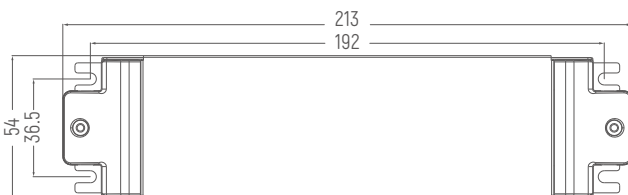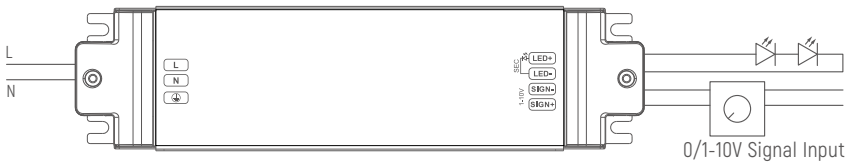
· IP20，适用于室内LED灯具

应用

| 洗墙灯 | LED灯带 | LED硬灯条 | 地埋灯 | AR111斗胆灯 |

技术参数

型号		EUP75A-1H24V-1
输入	效率	>85%@230VAC, 满载
	电压	220VAC-240VAC
	频率	50/60Hz
	功率因素	≥0.95@230VAC, 满载
	电流	0.5Amax@230VAC
	浪涌电流	冷启动,45A@230VACC
输出	电流/电压/功率	3.1A/24VDC/74.4W
	波纹	200mVp-p
	通道	1
	电压精度	±3%
功能	调光方式	0/1-10V有源信号，可调电阻，PWM信号
	调光范围	0.1%-100% 变暗直至关闭
保护	短路	关闭输出，排除故障后自恢复
	过载	关闭输出，排除故障后自恢复
	过压	关闭输出，排除故障后自恢复
	过温	关断输出,当温度恢复正常时自动恢复.
其它	工作温度	-20°C~50°C
	储存温度、湿度	-40°C~85°C, 20-90%RH
	tc	90°C
	材质	金属
	防水等级	IP20
	寿命	30,000小时@tc:80°C
	质保	3年
	开关周期	>15,000次
	包装尺寸(重量)	净重: 460g±5%/PCS; 20PCS/Carton; 10.5kg±5%/箱; 外箱尺寸: 240*223*199cm[长*宽*高]
	尺寸	213*54*33mm （长*宽*高）

尺寸(mm)

213
192
54
36.5
33

接线图

0/1-10V Signal Input

调光曲线

Y轴: 输出电压(%)
X轴: 输入信号(%)
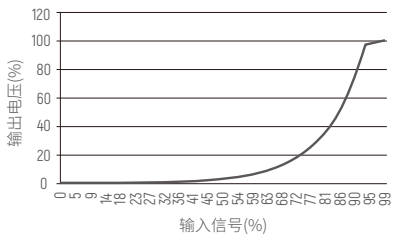
注意事项:

1、本产品请由具有专业资格的人员进行调试安装。

2、本产品不能防水,需避免日晒雨淋,如安装在户外,请用防水箱。

3、良好的散热条件会延长产品的使用寿命,请把产品安装在通风良好的环境。

4、请检查使用的LED电源输出电压电流,是否符合产品要求。

5、出于安全考虑,推荐输入和输出(信号端除外)用0.75-2.5mm² PVC或橡胶线缆,并确保接线牢固,以免电线过热或接触不良触发事故。扁平电源线不适用。

6、通电调试前,应确保所有接线正确,以避免因接线错误而导致灯具损坏。

7、如果发生故障,请勿私自维修;如果有疑问,请联系供应商。

※ 本说明书内容如有更新,恕不另行通知。若您使用的产品功能与说明书不一致时,请以产品为准。如有疑问请与我们联系。