

RWP12D-1H300C

Summary

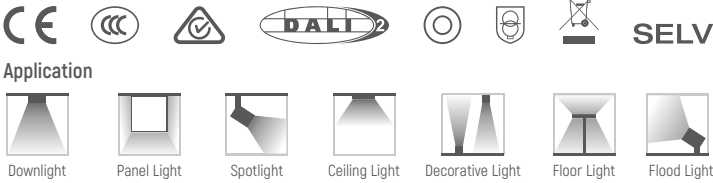
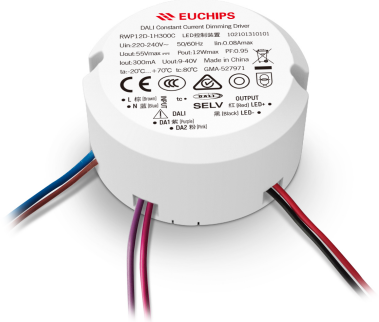
RWP12D-1H300C is a 12W AC/DC constant current mode output LED driver, complies with DALI standard protocol IEC 62386. RWP12D-1H300C can be connected to DALI main controller achieve a smooth dimming effect.

Product Features

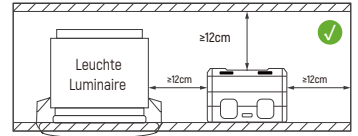
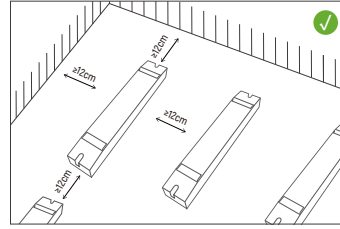
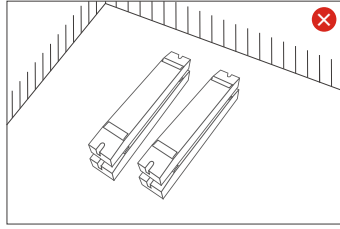
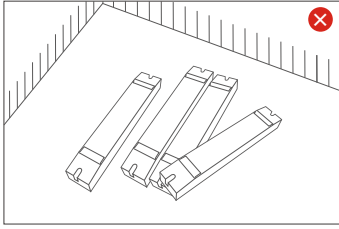
- Meet DALI Protocol IEC 62386-207 Ed2.0
- High efficiency up to 85 %
- Built-in active PFC function
- Dimming effect smooth, no flicker
- Protections: Short circuit, over load, over Voltage
- Suitable for indoor LED lighting application, such as down light, panel light, and so on

Technical Paramaters

Model	RWP12D-1H300C	
Input	Efficiency	≥85%@230VAC,Full load
	Voltage	220VAC-240VAC
	Frequency Range(Hz)	50/60Hz
	Power Factor	≥0.95@230VAC,Full load
	THD(full load)	<10%@230VAC, Full load
	AC Current(max)	0.08Amax
	Standby power	<0.5W
	Inrush Current(max)	Cold start,20A@230VAC 100us
Output	Current(mA)/Voltage (VDC) Power(W)	300mA/9-40VDC/12W
	Ripple Current	<3%
	Channel	1
	Current Tolerance	±5%
	No load output voltage	55V Max
	Turn on delay Time	<0.75s, at230Vac(When the light begins to shine)
Function	Dimming Type	DALI
	Dimming Range	0.3%-100%
Protection	Short Circuit	Shut down the output, recovers automatically after fault removed
	Over Load	The output current decreases and, recovers automatically when the load is reduced.
	Over Voltage	The output current decreases and, recovers automatically when the load is reduced.
Safety & EMC	Surge	L-N:1KV
	Withstand Voltage	I/P-O/P: 3000VAC/1min/5mA
	DALI Standard	IEC 62386-101: 2014, IEC 62386-102: 2014; IEC62386-207 Ed2.0
	Safety Standards	EN61347, GB19510
	EMC Eission	EN50515, EN61000-3-2
	EMC Immunity	EN61000-4-2, 3, 4, 5, 6, 8, 11; EN61547
Others	Working Temp.	-20°C~70°C
	Storage Temp., Humidity	-40°C~85°C, 20-90%RH
	tc	80°C
	Material	PC
	IP Rating	IP20
	Lifetime	30,000h@tc:80°C
	Warranty Condition	3 Years
	Switch Cycle	>150,00 tims
	Packing(weight)	Net weight: --/PCS; 100PCS/Cartron; --kg±5%/Cartron; Carton Size: 320*320*148mm(L*W*H)
	Dimension	φ 56.5*H28mm (φ L*W*H)

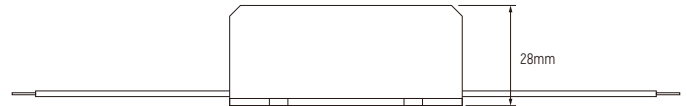
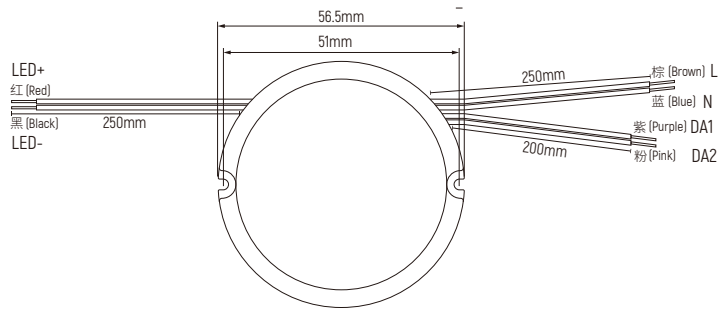


Installation Precautions

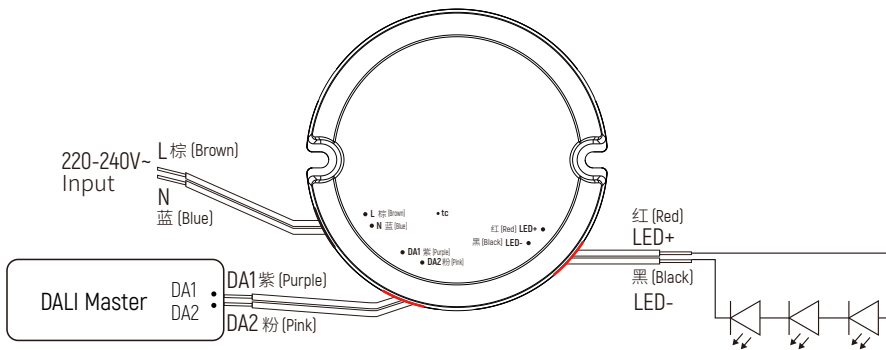


Please do not stack the products. The distance between two products should be $\geq 12\text{cm}$ so as not to affect heat dissipation and the lifespan of the products.

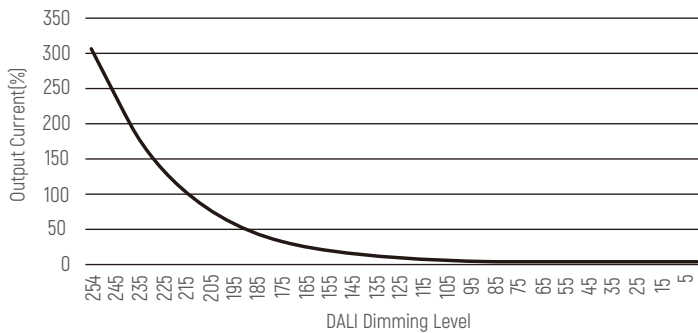
Dimension(mm)



DALI Wiring



Dimming Curve



RWP12D-1H300C

概述

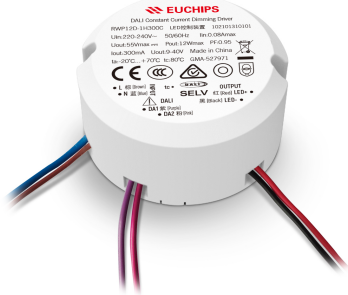
RWP12D-1H300C 是一款恒流输出驱动, 符合DALI标准协议IEC62386.
用DALI主控调光, 调光曲线平滑、无闪烁.

产品特点

- 遵循DALI协议标准 IEC62386-207 Ed2.0
- 效率高达 85%
- 内建主动式PFC功能
- 调光效果平滑, 无闪烁
- 保护: 短路保护, 过载保护, 过压保护
- 适用于LED室内灯具,比如筒灯, 面板灯等

技术参数

型号	RWP12D-1H300C	
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
	THD	<10%@230VAC, 满载
	电流	0.08Amax
	待机功耗	<0.5W
	浪涌电流	冷启动, 20A@230VAC 100us
输出	电流/电压/功率	300mA/9~40VDC/12W
	纹波电流	<3%
	通道	1
	电流精度	±5%
	空载输出电压	55V Max
	启动延时	<0.75s, at230Vac
功能	调光方式	DALI
	调光范围	0.3%-100%
保护	短路	关断输出, 移除故障后自恢复
	过载	当超过输出电压时, 输出电流减小, 当负载降低时自动恢复
	过压	当超过输出电压时, 输出电流减小, 当负载降低时自动恢复
安全 & 电磁兼容	浪涌	L-N:1KV
	耐压标准	I/P-O/P: 3000VAC/1min/5mA
	DALI标准	IEC 62386-101: 2014, IEC 62386-102: 2014; IEC62386-207 Ed2.0
	安全标准	EN61347, GB19510
	电磁兼容	EN50515, EN61000-3-2
	EMC抗扰度	EN61000-4-2, 3, 4, 5, 6, 8, 11; EN61547
其它	工作温度	-20°C~70°C
	储存温度、湿度	-40°C~85°C, 20-90%RH
	tc	80°C
	材质	PC
	防水等级	IP20
	寿命	30,000小时@tc:80°C
	质保	3年
	开关周期	>150,00次
	包装尺寸(重量)	净重: --±5%/PCS; 100PCS/Carton; --kg±5%/箱; 外箱尺寸: 320*320*148cm[长*宽*高]
	尺寸	φ56.5*H28mm (长*宽*高)



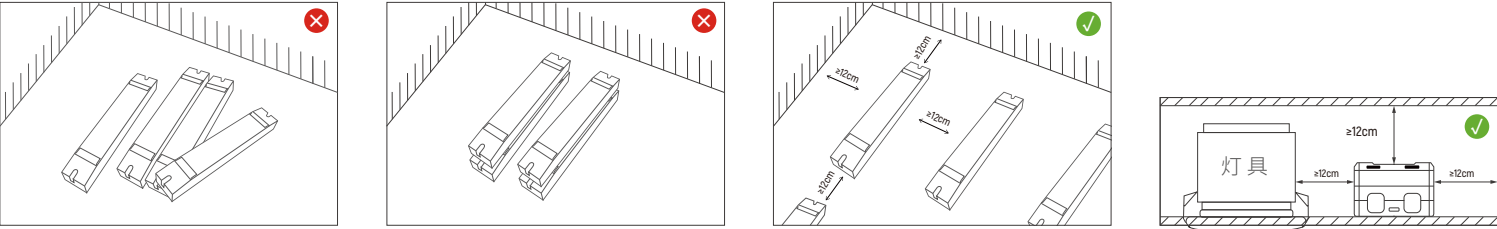


应用



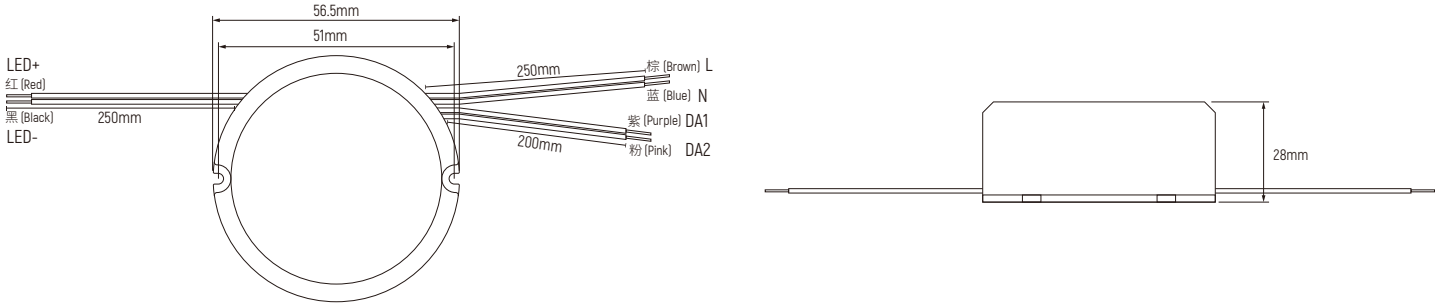
筒灯 面板灯 射灯 吸顶灯 装饰灯 落地灯 投光灯

安装规范要求

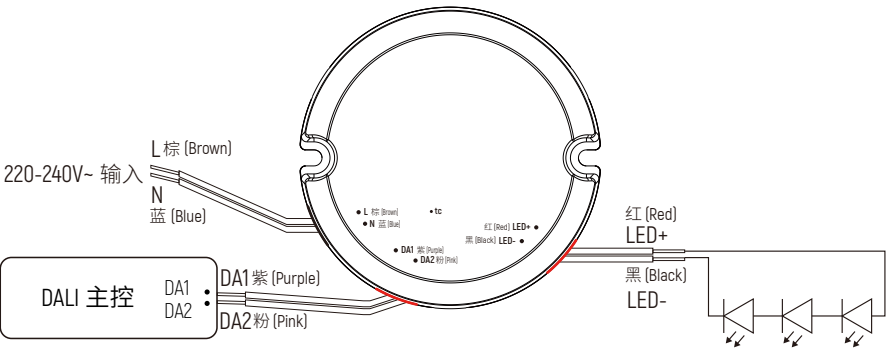


请勿将产品堆叠摆放，产品与产品间隔距离应 $\geq 12\text{cm}$ ，避免影响产品散热和使用寿命。

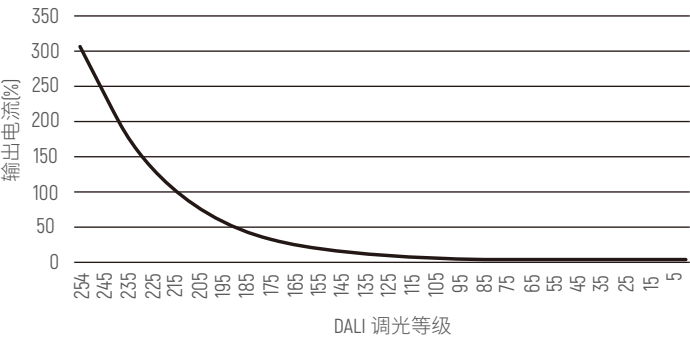
尺寸(mm)



接线图



调光曲线



※ 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。