EUP10D-1HNC-350

Summary

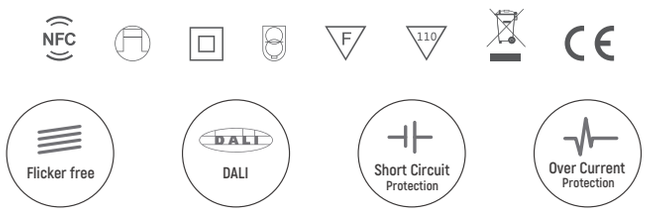
EUP10D-1HNC-350 is an LED driver that can provide 350-700mA current.
The output current can exceed the NFC setting, in accordance with the
DALI standard protocol IEC62386. DALI master dimming, smooth curve, no stroboscopic

Product Feature

- Single channel output, output current can be selected through NFC regulation
- Comply with DALI protocol standard IEC62386-207
- Efficiency up to 80%
- Built-in active PFC function
- Smooth dimming effect, no stroboscopic
- Protection: load protection, short circuit protection
- Suitable for LED indoor lamps, such as downlights, spotlights, etc

Application

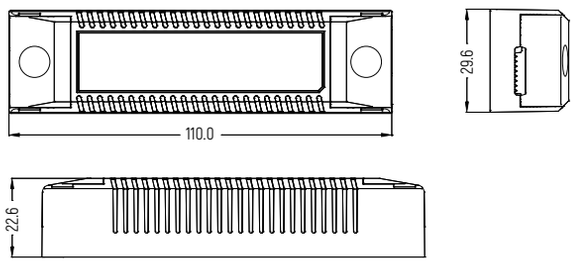
Down light



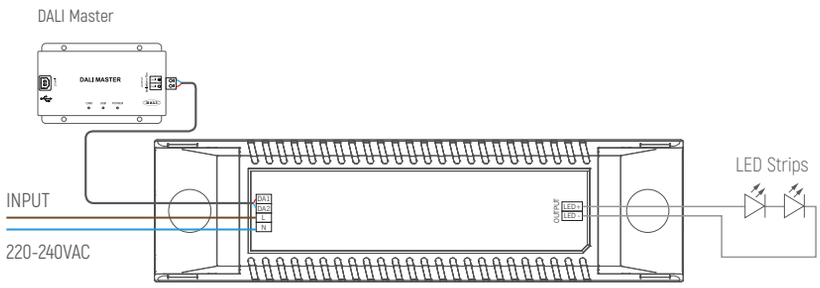
Technical Parameters

Model	EUP10D-1HNC-350	
Input	Efficiency	80%@230VAC, Full load
	Voltage	220VAC-240VAC
	Frequency	50/60Hz
	Power Factor	0.95@230VAC, Full load
	THD	<10%@230VAC, Full load
	Current	0.06Amax@230VAC, Full load
	No load power	≤0.5W
	Inrush Current	Cold start,10A(twidth=10us measured at 50% Ipeak@230VAC
Output	Current/voltage/power	350~700mA / 2-24V / 10W
	Output Voltage	2-24VDC
	Channel	1
	Current Tolerance	±7%
	Standby power	≤1W
	No Load Output Voltage	60VDC Max
	Turn On Delay Time	≤ 0.75s, at230Vac (When the light begins to shine)
Function	Dimming Mode	DALI
	Dimming Range	1%-100%
Protection	Over load	Current down, troubleshooting output normal
	Short circuit	Short circuit No output, troubleshooting output normal
Safety	Surge	L-N:500V
	Withstand Voltage	I/P-O/P: 1000Vac/1min/<5mA O/P-DALI(Signal port):500Vac/1min/<5mA I/P-DALI(Signal port):500Vac/1min/<5mA
	Safety standards	EN61347-1,EN61347-2-13
Others	Working Temp.	-20°C~50°C
	Storage Temp.; Humidity	-40°C~85°C, 20-90%RH
	tc	75°C
	Material	PC
	IP Rating	IP20
	Lifetime	50,000h@tc:75°C
	Warranty Condition	5 year
	Switch Cycle	>100,000 times
	Packing weightv	Net weight: 90g±5%/ piece; 100 PCS/box; 9.5kg±5%/ box; Outer box size: 515*235*140mm(L*W*H)
	Dimension	110*30*22.5mm(L*W*H)

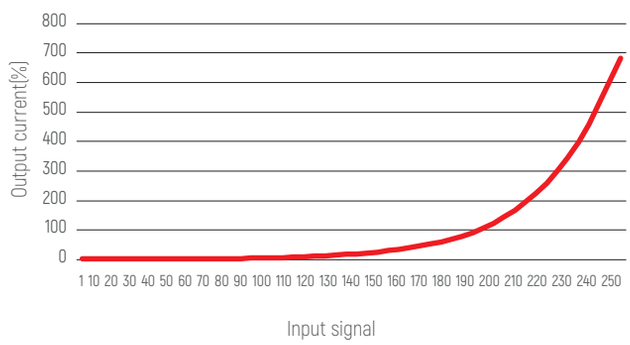
Dimension(mm)



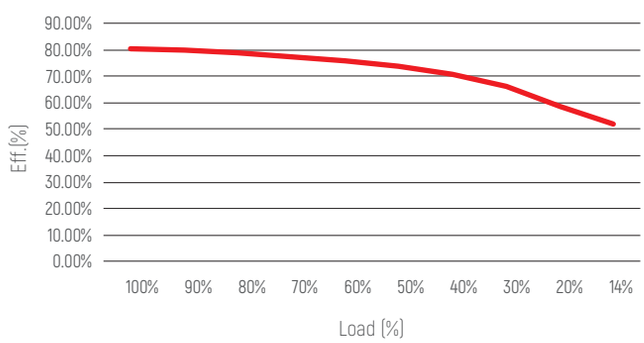
Wiring Diagram



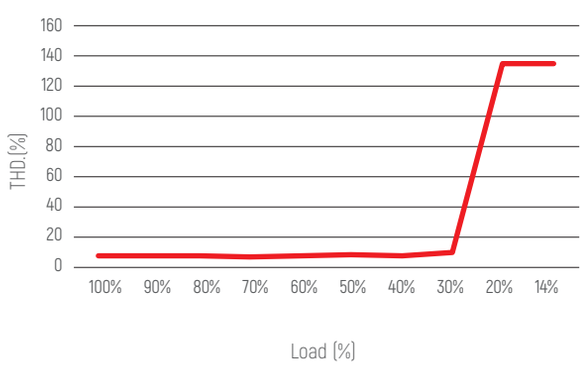
Dimming Curve



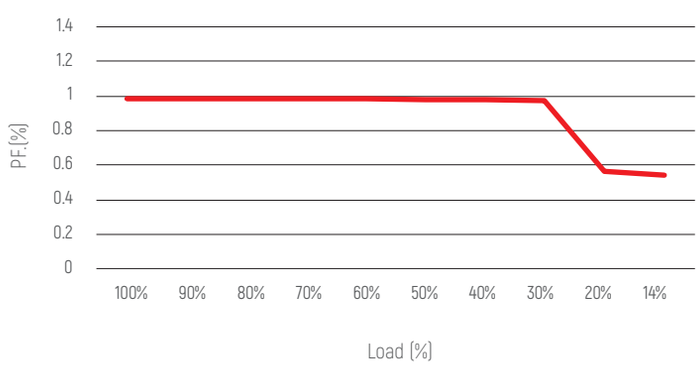
Efficiency vs Load Curve



THD vs Load Curve



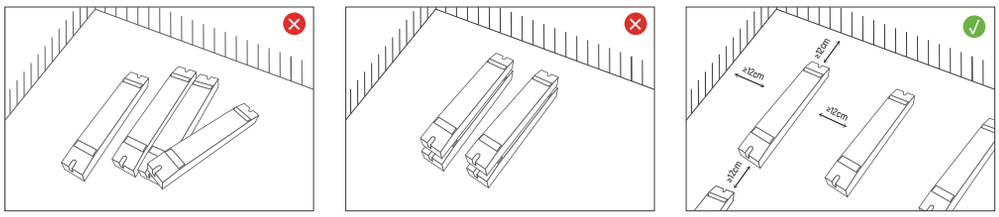
PF vs Load Curve



Max. quantity of drivers per miniature circuit breaker

MCB	Input Voltage 230V Drivers	MCB	Input Voltage 230V Drivers
B10	166pcs	C10	166pcs
B13	216pcs	C13	216pcs
B16	266pcs	C16	266pcs
B20	333pcs	C20	333pcs
		D16	266pcs

Installation Precautions



Please do not stack the products. The distance between two products should be>12cm so as not to affect heat dissipation and the lifespan of the products.

Warranty Agreement

1. Warranty periods from the date of delivery : 5 years.
2. Free repair or replacement services for quality problems are provided within warranty periods.

Warranty exclusions below:

1. Beyond warranty periods.
2. Any artificial damage caused by high voltage, overload, or improper operations
3. Products with severe physical damage.
4. Damage caused by natural disasters and force majeure.
5. Warranty labels and barcodes have been damaged.
6. No any contract signed by EUCHIPS.

· Repair or replacement provided is the only remedy for customers. EUCHIPS is not liable for any incidental or consequential damage unless it is within the law.

· EUCHIPS has the right to amend or adjust the terms of this warranty, and release in written form shall prevail.

Cautions

1. This product must be installed and adjusted by a qualified professional.
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 .

EUP10D-1HNC-350

概述

EUP10D-1HNC-350 是一款可以提供350-700mA 电流的LED驱动器。

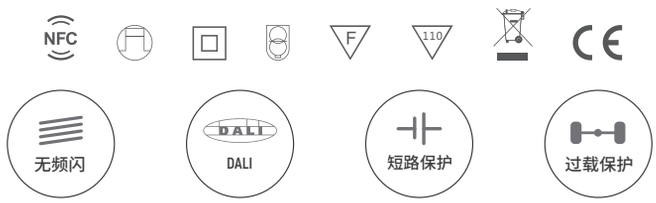
输出电流可以过NFC设置, 符合DALI标准协议IEC62386. 用DALI主控调光，曲线平滑、无频闪

产品特点

- 单通道输出，输出电流可通过NFC调节选择
- 遵循DALI协议标准 IEC62386-207
- 效率高达 80%
- 内建主动式PFC功能
- 调光效果平滑，无频闪
- 保护：负载保护，短路保护
- 适用于LED室内灯具,比如筒灯，射灯等

应用

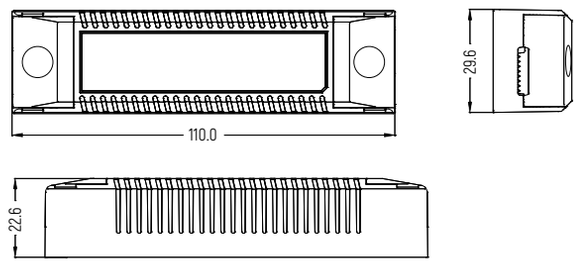
筒灯



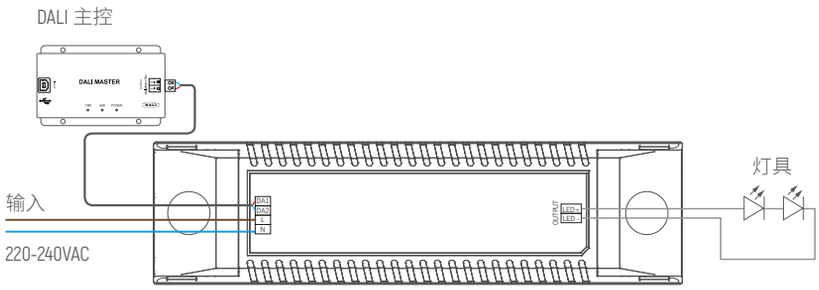
技术参数

型号	EUP10D-1HNC-350	
输入	效率	80%@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	0.06Amax@230VAC, 满载
	空载功耗	≤0.5W
	浪涌电流	冷启动,10A(在 50%Ipeak下测twidth=10us)@230VAC
输出	电流/电压/功率	350~700mA / 2-24V / 10W
	输出电压范围	2-24VDC
	通道	1
	电流精度	±7%
	待机功耗	≤1W
	空载输出电压	60VDC Max
	启动延时	≤ 0.75s, at230Vac (当灯光开始亮起)
功能	调光方式	DALI
	调光范围	1%-100%
保护	负载保护	电流下降，排除故障输出正常
	短路保护	短路无输出，排除故障输出正常
安全	浪涌	L-N:500V
	耐压标准	I/P-O/P: 1000Vac/1min/<5mA O/P-DALI(Signal port):500Vac/1min/<5mA I/P-DALI(Signal port):500Vac/1min/<5mA
	安全标准	EN61347-1,EN61347-2-13
其它	工作温度	-20°C~50°C
	储存温度、湿度	-40°C~85°C, 20-90%RH
	tc	75°C
	材质	PC
	防水等级	IP20
	寿命	50,000小时@tc:75°C
	质保	5年
	开关周期	>100,000次
	包装重量	净重: 90g±5%/个; 100个/箱; 9.5kg±5%/箱; 外箱尺寸: 515*235*140mm(L*W*H)
	尺寸	110*30*22.5mm(长*宽*高)

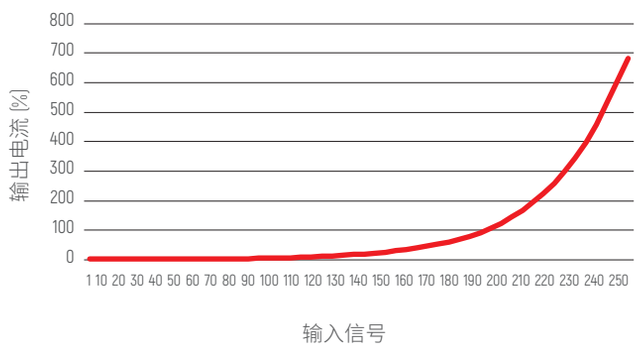
产品尺寸



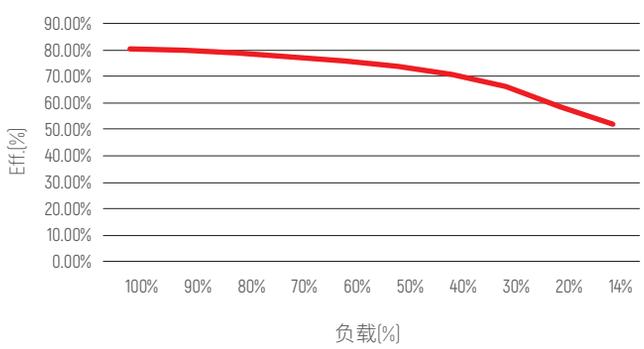
应用接线图



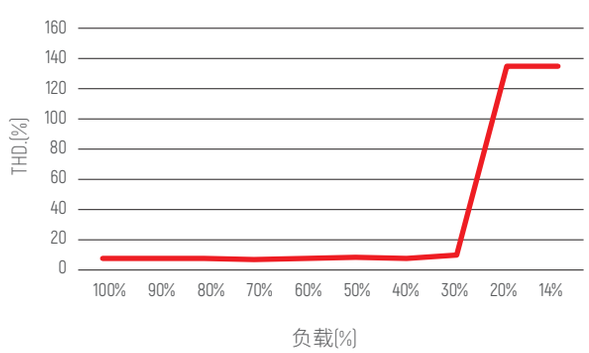
调光曲线



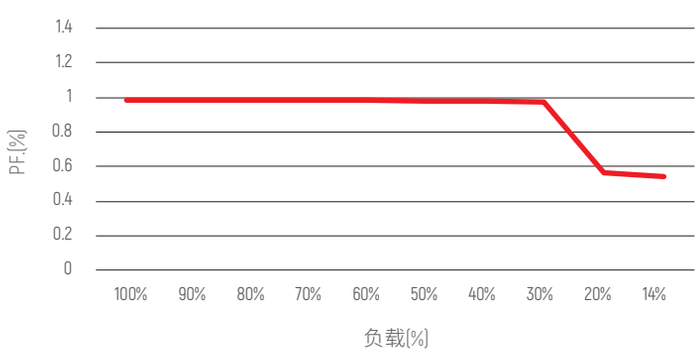
效率 vs 负载曲线



THD vs 负载曲线



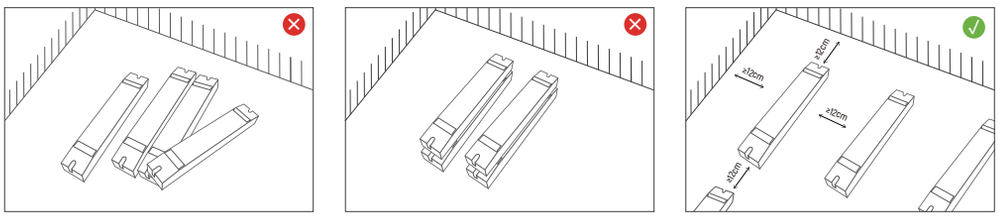
PFvs 负载曲线



断路器带载说明

MCB	输入电压230V 驱动器数量	MCB	输入电压230V 驱动器数量
B10	166pcs	C10	166pcs
B13	216pcs	C13	216pcs
B16	266pcs	C16	266pcs
B20	333pcs	C20	333pcs
		D16	266pcs

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≥12cm，避免影响产品散热和使用寿命。

保修条例

1、自出厂之日起保修服务期为5年。

2、在保修服务期内出现产品质量问题欧切斯将给予免费修理或更换服务。

非保修条例：

属下列情况不在免费保修或更换服务范围之内：

1、已经超出保修服务期；
2、过高电压、超负载、操作不当等人为造成的损坏；
3、产品外形严重损坏或变形；
4、自然灾害以及人力不可抗拒原因造成的损坏；
5、产品保修标签和产品唯一条形码损坏；
6、无欧切斯签订的合同或发票凭证。

·修理或更换是欧切斯对客户的唯一补救措施。欧切斯不承担任何附带引起的损害赔偿责任，除非在适用法律范围之内。

·欧切斯享有修正或调整本保修条款的权利，并以书面形式发布为准。

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0.75-2.5mm^2 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。