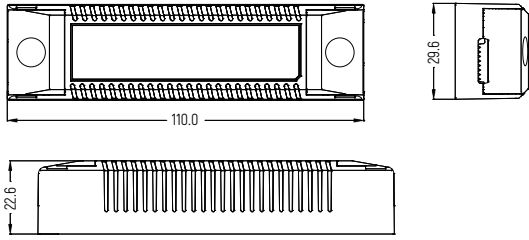
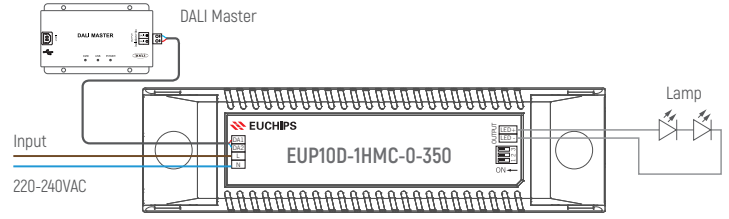


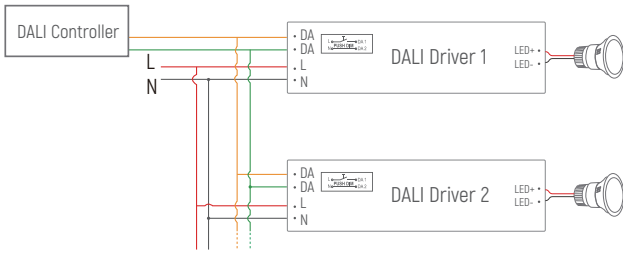
Dimension(mm)



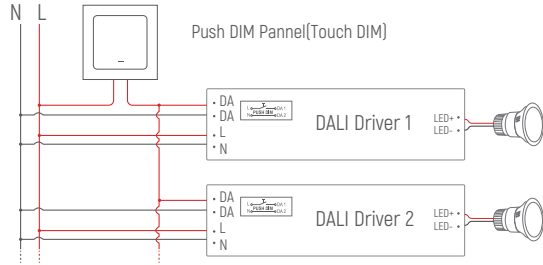
Wiring Diagram



DALI Wiring Diagram



Push DIM(Touch DIM) Diagram



Remarks: use only open push switch (without indicator light). When using synchronous connection, the line length between each device and equipment shall not exceed 20 meters.

Push DIM Function

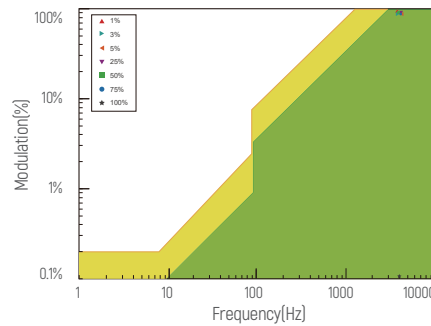
1. Press the Touch DIM switch for 8s or more, the driver can be controlled via Touch DIM switch.
2. Short press the Touch DIM switch (<0.5s) to control the lamp on or off.
3. Long press the Touch DIM switch (>0.5s) to dim the brightness of light. The dimming direction will change every time after pressing switch.
4. Double-click the Touch DIM switch (<0.3s), then all lamps connected on the device will be set maximum brightness.
5. The brightness adjustment range is 1%-100%, and the light can be turned off through short pressing when doing the adjustment with long pressing Touch DIM switch.
6. With the Power off memory function, the power-down state will be recovered when power on again.

Typical flicker performance

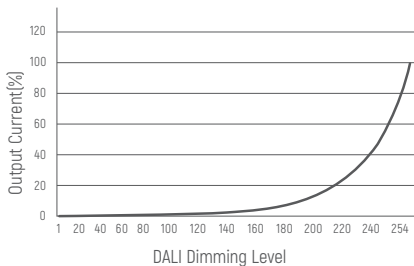
Typical flicker percent as a function of frequency, measured across the dimming range. The results are overlaid with the low-risk (yellow) and no observable effect (green) levels as defined in IEEE P1789.

Risk levels verdict :

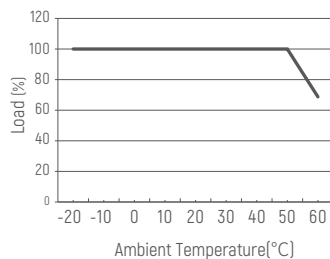
- (1) Below 90 Hz, Modulation (%) is less than 0.025×frequency.
- (2) Between 90 Hz and 1250 Hz, Modulation (%) is below 0.08×frequency.
- (3) Above 1250 Hz, there is no restriction on Modulation (%).



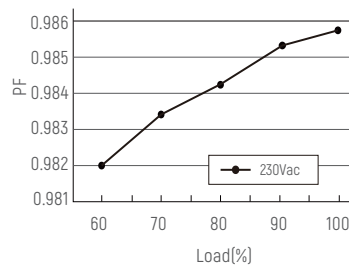
Dimming Curve



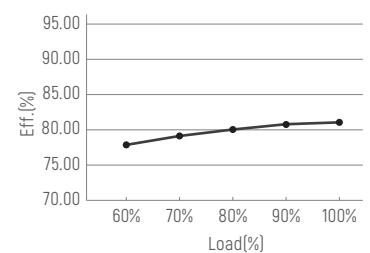
Derating Curve



PF vs Load



Eff. vs Load



※ 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-1HMC-0-350

概述

EUP10D-1HMC-0-350是一款可以提350/400/450/500/550/600/650/700mA 8档电流的LED驱动器。输出电流可以通过DIP拨码开关简易设置,符合DALI标准协议IEC62386。用DALI主控/Touch DIM(Push DIM)开关调光,曲线平滑、无闪烁。

产品特点

- 单通道输出,输出电流可通过DIP拨码开关选择
- 遵循DALI协议标准 IEC62386-207
- 支持Touch DIM(Push DIM)功能
- 效率高达80%
- 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,空载保护
- 适用于LED室内灯具,比如筒灯,射灯等



技术参数

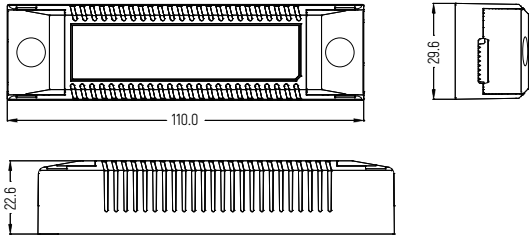
型号	EUP10D-1HMC-0-350				
输入	效率	>80%@230VAC, 满载			
	电压	220VAC-240VAC			
	频率	50/60Hz			
	功率因素	0.95@230VAC, 满载			
	THD	<10%@230VAC, 满载			
	电流	0.06Amax@230VAC, 满载			
	浪涌电流	冷启动,10A(在 50%peak 下测twidth=10us)@230VACC			
输出	电流/电压/功率	350mA/2-24VDC/8.4W 400mA/2-24VDC/9.6W	450mA/2-22VDC/9.9W 500mA/2-20VDC/10W	550mA/2-18VDC/9.9W 600mA/2-16VDC/9.6W	650mA/2-15VDC/9.75W 700mA/2-14VDC/9.8W
	波纹电流	<3%			
	通道	1			
	电流公差	±7%			
	待机功耗	<0.5W			
	空载输出电压	30V Max			
	启动延时	<1s, at230Vac			
功能	调光方式	DALI			Touch DIM(Push DIM)
	调光范围	1%-100%			
保护	空载	驱动不会损坏			
	短路	无输出, 移除故障后自恢复			
	过载	打嗝, 移除故障后自恢复			
安全	浪涌	L-N:500V			
	耐压标准	I/P-O/P: 1500VAC			
	DALI 标准	IEC 62386-101: 2014, IEC 62386-102: 2014; IEC 62386-207: 2009, DALI 2.0			
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			
	包装尺寸	515*235*140mm(长*宽*高), 9.5Kg/箱/100PCS			
尺寸	110*30*22.5mm (长*宽*高)				
毛重	90克				

电流选择表

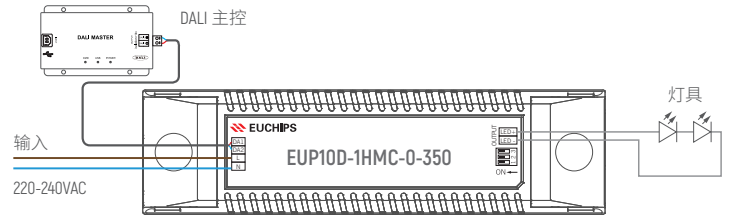
ON	OFF	1	2	3	4	5	6	7	8
		350mA	400mA	450mA	500mA				
		2-24V	2-24V	2-22V	2-20V				
ON	OFF	550mA	600mA	650mA	700mA				
		2-18V	2-16V	2-15V	2-14V				

备注: 出厂默认设置电流为350mA(1,2,3在OFF状态)

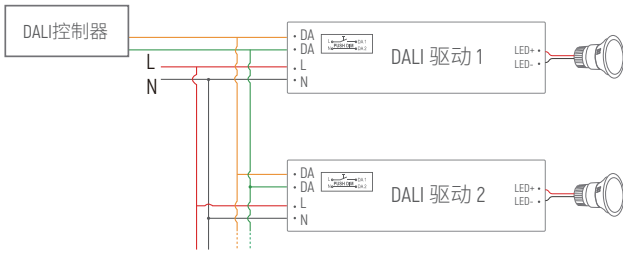
产品尺寸



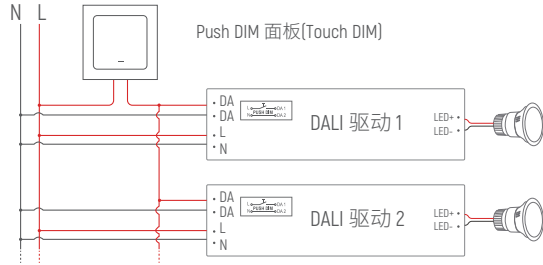
应用接线图



DALI应用接线图



Push DIM(Touch DIM) 接线图



备注: 只能使用开路的按压式开关(不带指示灯)。采用同步连线时每个设备和设备之间的线长不超过20米。

Push DIM 功能

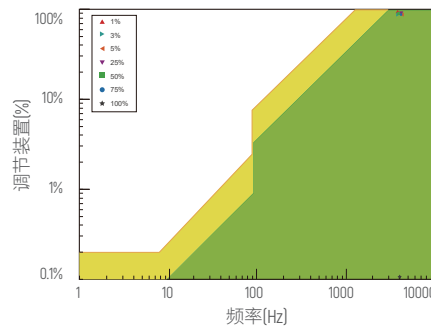
1. 长按8s进入Touch DIM模式。
2. 短按Touch DIM 开关 (<0.5秒) 进行灯的亮暗控制。
3. 长按Touch DIM 开关 (>0.5秒) 进行灯具的亮度调节, 光是调亮还是调暗, 随着每次按压的开关变化而变换。
4. 双击Touch DIM 开关 (<0.3秒), 连接的所有灯具将达到最亮状态。
5. 亮度调节范围为1%-100%。
6. 具有断电记忆功能, 重新上电将恢复到上一次断电的状态。

典型的频闪性能

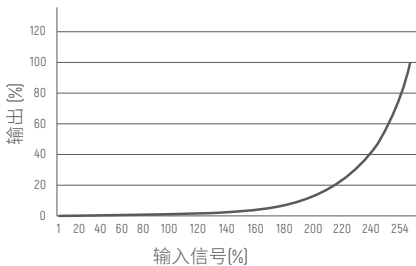
参考IEEE1789标准定义的频闪百分比和驱动电流频率的函数关系, 黄色区域为低风险区域, 绿色为无明显影响区域。

风险等级判定参考:

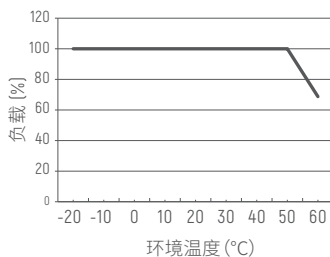
- (1) 输出电流频率在90赫兹以下: $<0.025 \times \text{频率}$ 。
- (2) 90赫兹和1250赫兹之间: $<0.08 \times \text{频率}$ 。
- (3) 高于1250赫兹时, 无限制。



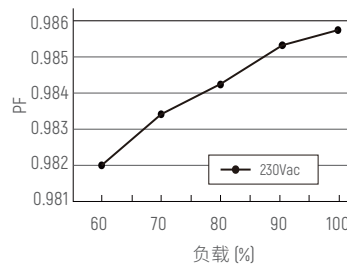
Dimming Curve



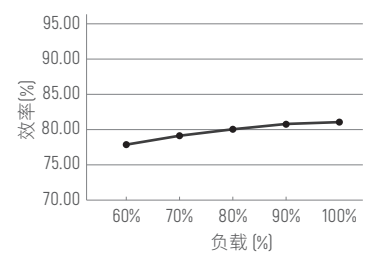
Derating Curve



PF vs Load



Eff. vs Load



※ 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。