



LVED-PRO睿致LED驱动

LVED-PRO-120-500x-xxx

LVED-PRO-150-620x-xxx

LVED-PRO-200-830x-xxx

LVED-PRO-240-1000x-xxx



Features产品特性

- Universal input voltage 输入电压: 100-277Vac
- Surge protection 防雷保护: L-N: 4kV & L/N-GND: 6kV
- Output current adjusted via DIP switch and fine-tuned via Potentiometer 拨动开关调节输出电流, 电位器微调
- CCT adjustable via DIP switch (optional) 拨动开关调色温可选
- 3 versions selectable: non-dimmable, 3-in-1 dimming & 3-in-1 ,dimming +12V AUX output 非调光、三合一调光、三合一调光+12V可选
- All-round protections: over voltage protection and short circuit Protection 全方位保护: 开路/短路保护
- Flicker free 无频闪

Benefits产品优势

- Adjustable output current/voltage.
输出电流/电压可调
- Long lifespan and low maintenance costs
长寿命, 低维护成本

Application产品应用

- industrial lighting工业照明
- Warehouse lighting仓库照明



LVED-PRO-120-500x-xxx
LVED-PRO-150-620x-xxx
LVED-PRO-200-830x-xxx
LVED-PRO-240-1000x-xxx

Model 产品型号	Output wattage 输出功率(W)	Output voltage 输出电压(Vdc)	Output current 输出电流(A)	Wattage adjustable range 功率可调范围 (W)	Output typical specifications 典型输出值	Typical efficiency 典型效率	PF功率因素 120Vac/230Vac	
LVED-PRO-120-500X- XXX	120	180-260	0.20-0.50A	80-120W	240V / 0.50A	95%	0.99	0.96
LVED-PRO-150-620X- XXX	150	180-260	0.37-0.75A	120-150W	240V / 0.62A	95%	0.99	0.96
LVED-PRO-200-830X- XXX	200	180-260	0.50-0.90A	150-200W	240V / 0.83A	95%	0.99	0.96
LVED-PRO-240- 1000X-XXX	240	180-260	0.60-1.10A	200-240W	240V / 1.00A	95%	0.99	0.96

"x" in the model Means Additional Function: N-xxx means Basic constant current version, D-xxx means 0-10V dimming, X-002 means 12V/0.2A auxiliary power supply.型号中的"x"为选配功能：N-xxx表示基础恒流版本,微调电流 D-xxx表示支持三合一调光, x-xxx后三位是流水号以区分调光调色，辅助源，出线方式

Notes备注:

- 1.All specifications are measured at 25°C ambient temperature, input voltage 230Vac, and the typical value tested by full load, if no specific note.
没有特别说明，所有规格都是在25℃环境温度，输入电压230Vac，满负荷测试条件下的典型值
- 2.The product pictures in the specification are for reference only, and the actual products are subject to the samples
规格书中的产品图片仅供参考，实际产品以样板为准

LVED-PRO-120-500x-xxx
LVED-PRO-150-620x-xxx
LVED-PRO-200-830x-xxx
LVED-PRO-240-1000x-xxx

INPUT SPECIFICATIONS 输入规格

Parameter 参数	Min.最小值	Typ.典型	Max.最大值	Notes 备注
Input Voltage 输入电压	100Vac	120-277Vac	277Vac	
Input Frequency 输入频率	47Hz	50Hz/60Hz	63Hz	
Leakage Current 漏电流	-	-	0.75mA	277Vac/50Hz
Input AC Current 输入电流	-	-	1.5A	LVED-PRO-120-500X * & full load
	-	-	2.0A	LVED-PRO-150-620X * & full load
	-	-	2.6A	LVED-PRO-200-830X * & full load
	-	-	3.0A	LVED-PRO-240-1000X * & full load
Power Factor 功率因素	0.97	0.99	-	120Vac,full load 满载
	0.95	0.96	-	230Vac,full load 满载
	0.92	0.95	-	277Vac,full load 满载
THD 谐波	-	9%	15%	230Vac,80%- 100% 负载
	-	10%	20%	277Vac,80%- 100% 负载

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OUTPUT SPECIFICATIONS 输出规格

Parameter 参数	Min.最小值	Typ.典型值	Max.最大值	Notes 备注
Output Current Tolerance 输出电流误差	-8%	-	+8%	
Adjustable Output Current (TYP@220Vdc) 输出电流调节范围	0.30A (LOW)	0.40A (MID)	0.50A (HIGH)	LVED-PRO-120-500X-XXX
	0.37A (LOW)	0.50A (MID)	0.62A (HIGH)	LVED-PRO-150-620X-XXX
	0.50A (LOW)	0.67A (MID)	0.83A (HIGH)	LVED-PRO-200-830X-XXX
	0.60A (LOW)	0.80A (MID)	1.00A (HIGH)	LVED-PRO-240-1000X-XXX
输出双路(共LED+) 拨动开关调节色温 (此功能为可选项) Changeable CCT (one LED+)	Channel A	Channel A+B	Channel B	Adjustable via DIP switch (optional); two-channel output
Total Output Current Ripple (pk-pk)输出纹波	-	1%	5%	20MHz BW, 100% Load& load is LED, ripple is different with difference LED load
Startup Overshoot Current 输出过冲	-	-	10%	277Vac & 100% load, load is LED
Output Voltage Range(V) 输出电压范围	180	240	260	120-277Vac
Standby Power 待机功耗			0.5W	230Vac & 100% load, load is LED
Line Regulation 线性调整	-5%	-	+5%	25℃±10℃ ambient, temperature, input voltage changes from 120Vac to 277Vac
Load Regulation 负载调整	-8%	-	+8%	25℃±10℃ ambient, temperature, 230Vac input, load changes from 80% to 100%
Turn- on Delay Time 开机时间	-	-	1.0S	120Vac, 100% load
	-	-	0.5S	230Vac, 100% load

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GENERAL SPECIFICATIONS 通用规格

Parameter参数		Min.最小值	Typ.典型值	Max.最大值	Notes备注
Efficiency 效率 @120Vac		90%	93%	-	25℃±10℃ ambient temperature, 100% load
Efficiency 效率 @230Vac		93%	96%	-	25℃±10℃ ambient temperature, 100% load
Efficiency 效率 @277Vac		93%	96%	-	25℃±10℃ ambient temperature, 100% load
Dielectric Strength 绝缘耐压	L-N/PG	-	1500Vac	-	5mA/60S
	L-N/DIM	-	3000Vac	-	5mA/60S
	DIM/PG		500Vac		5mA/60S
Grounding Resistance 接地电阻		-	-	0.1Ω	25A/60S
Insulation Resistance 绝缘电阻		10MΩ	-	-	Input-PE, Output-PE, 500Vdc/60S/25℃/70%RH
MTBF 平均故障时间		-	200000Hrs	-	25℃±10℃ ambient temperature, 230Vac,80% load (MIL-HDBK-217F)
Lifetime 寿命/壳温<65度		-	50000Hrs	-	230Vac&100% load,30℃ case temperature, refer to lifetime VS Tc curve for details
Operating Case 工作温度(Tc)		-40℃	-	+90℃	
Safety shell temperature 安规壳温 Tc_s		-40℃	-	+90℃	230Vac&100% load,
Storage Temperature 储存温度		-40℃	-	+80℃	Humidity: 5% to 100% RH
Dimensions (D × H)mm 尺寸		Φ113×30			
Net Weight 重量		± 15g/PCS			
Package 包装		L360*W320*H250mm; **PCS/Ctn.			
IP等级		IP65			
RoHS		RoHS 2.0 (EU) 2015/863			

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DIMMING 调光

Parameter 参数	Min.最小值	Typ.典型值	Max.最大值	Parameter 参数
0- 10V Absolute Maximum Voltage on the V dim (+) Pin 0-10V (+) 引脚最大电压	-	10V	-	N.A
0- 10V Source Current on V dim(+)Pin 0-10V (+)引脚电流	-	0.1mA	0.2mA	N.A
Dimming Output Range 调光范围	0-10%	-	100%	
Recommended Dimming Range for 0- 10V 0-10V的调光	0-1V	-	10V	Default 0- 10V/PWM dimming; <0.2V or 4% PWM, Dim to off 默认0-10V < 0.2V或者PWM < 4%, 调至灭灯状态
PWM in High Level PWM高电平	9.7V	10V	10.3V	
PWM in Low Level PWM低电平	0	-	0.3V	
PWM in Frequency Range PWM的频率范围	400HZ	-	2 KHZ	
PWM in Duty Cycle PWM占空比	0%	-	99%	
Dimming Accuracy 调光精度	-	-	10%	

12V AUX OUTOUT 12V辅助源输出

Parameter 参数	Min.最小值	Typ.典型值	Max.最大值	Notes 备注
Output Current Range (A) 输出电流范围	0mA	-	200mA	
Total Output Current Ripple (pk-pk)输出纹波	-	-	1V	20MHz BW, 100% Load& load is LED, ripple is different with difference LED load
Dynamic Load 动态负载	-	-	-	Please make sure that it matches the LED driver 请客户使用动态负载时注意产品匹配性
Output Voltage Range(V) 输出电压范围	11V	12V	14V	

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SAFETY STANDARDS 安规标准

Safety Category 安规类别	Country / Territory 区域	Standards 标准	Whether compliance Certification是否符合认证
CCC	China 中国	GB19510. 1, GB19510. 14	√
CE	Europe 欧洲	EN61347- 1, EN61347-2- 13	√
		EN62493	-
ENEC		EN62384	-
CB	CB Countries	IEC61347- 1, IEC61347-2- 13	√
BIS	India 印度	IS 15885(PART 2/SEC 13)	-
UL	USA 美国	UL 8750	√
CUL	Canada 加拿大	CSA C22.2 No.250. 13	-
KC	South Korea 韩国	K61347- 1, K61347-2- 13	√
PSE	Japan 日本	J61347- 1, J61347-2- 13	-
SAA	Australia 澳大利亚	AS/NZS IEC 61347.2.13	√
		AS/NZS 61347. 1	√

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EMC COMPLIANCE 电磁兼容性

EMC Category EMC类别	Country / Territory 区域	Standards 标准	Whether compliance Certification是否符合认证
CCC	China 中国	GB/T 17743, GB 17625. 1	√
CE	Europe 欧洲	EN 55015	√
		EN 61000-3-2, EN 61000-3-3	√
		EN61000-4-2,3,4,5,6,1 1	√
		EN 61547	√
			√
KC	South Korea 韩国	K61547, K00015	√
PSE	Japan 日本	J55015	√
FCC	USA	FCC part 15	√

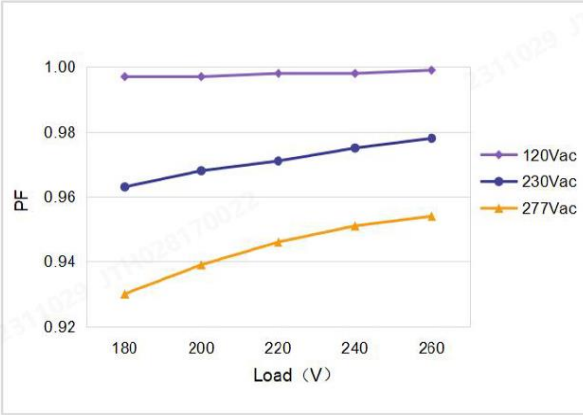
NOTE备注:

This LED driver meets the EMI specifications above, but EMI performance of a luminaire that contains it depends also on the other devices connected to the driver and on the fixture itself.这种LED驱动器符合上述EMI规范，但灯具的EMI性能也取决于连接到驱动器的其他设备和固定装置本身。

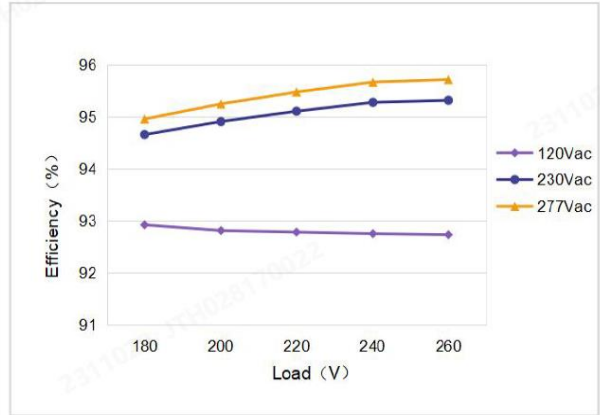
LVED-PRO-120-500x-xxx
 LVED-PRO-150-620x-xxx
 LVED-PRO-200-830x-xxx
 LVED-PRO-240-1000x-xxx

Product Characteristic Curves 产品特性曲线

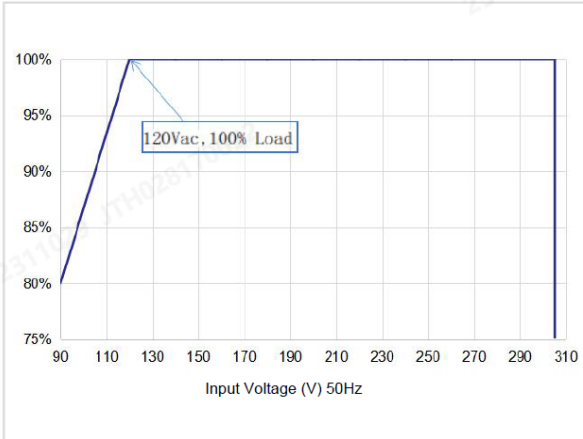
PF Curve



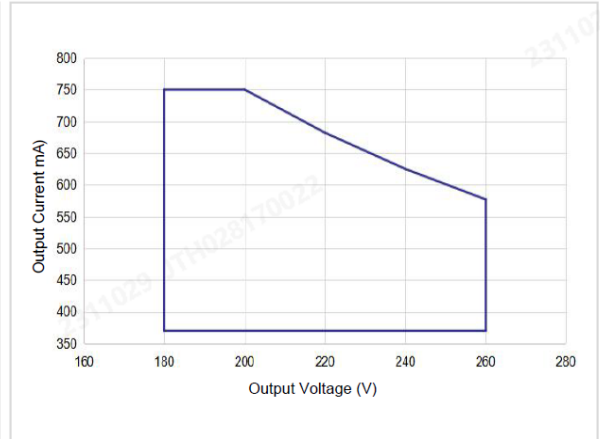
Efficiency Curve



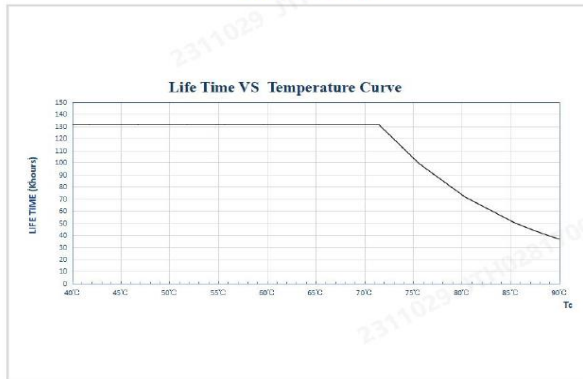
Load Derating Curve



Power Curve

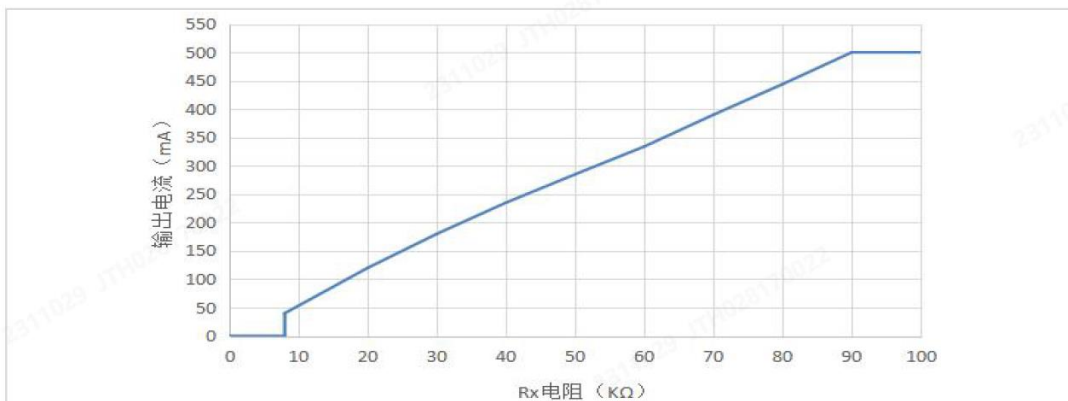
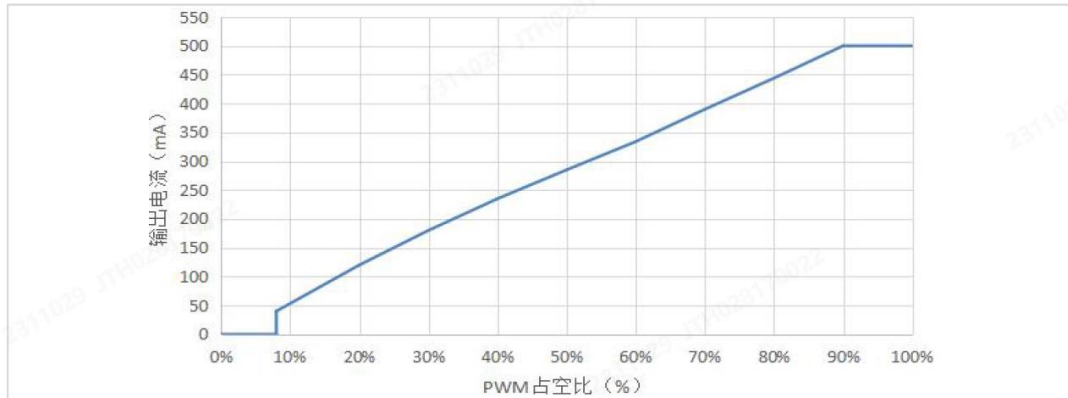
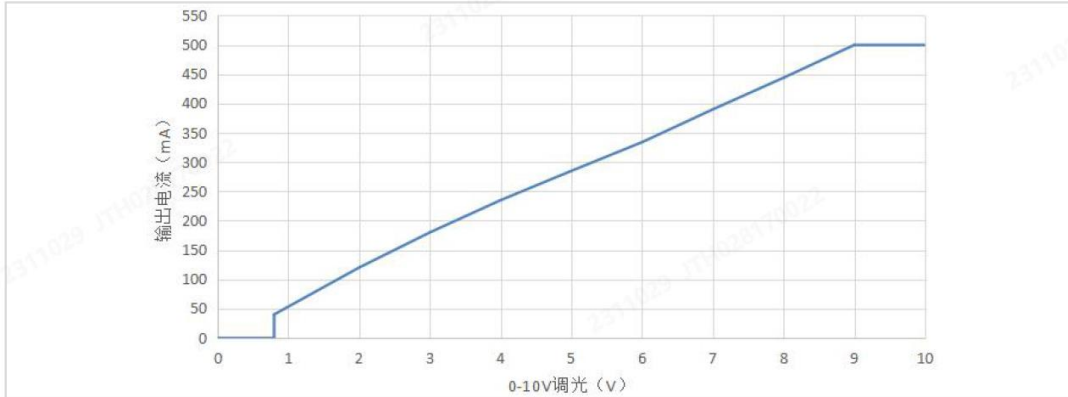


Lifetime Curve



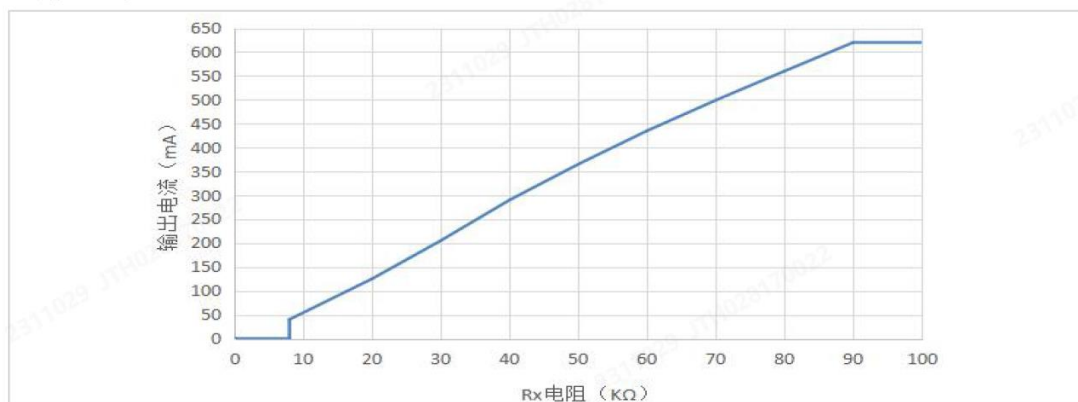
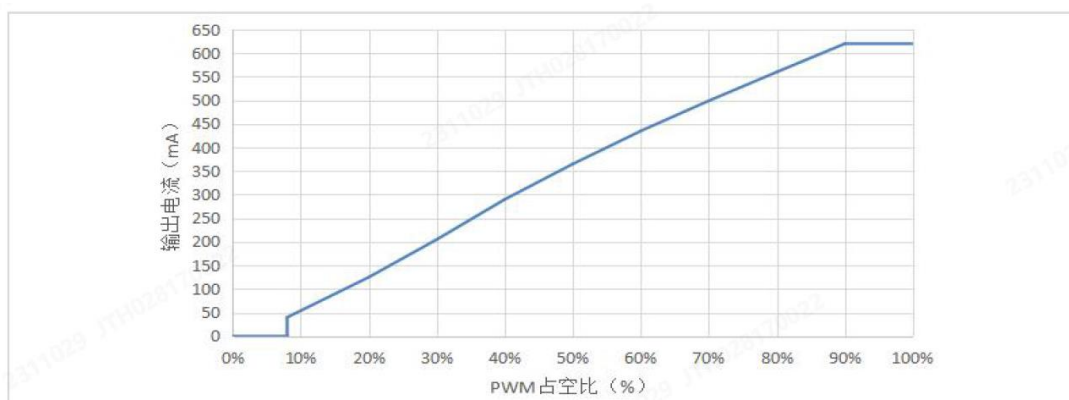
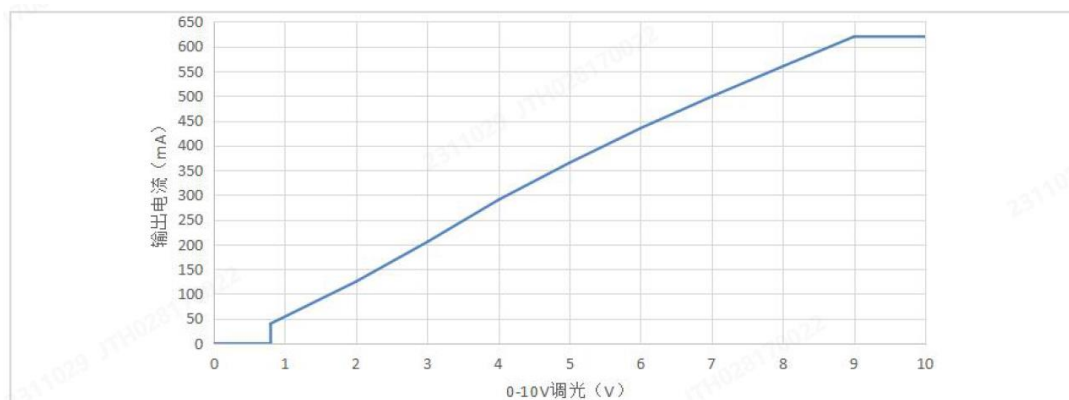
LVED-PRO-120-500x-xxx

Dimming Curve调光曲线



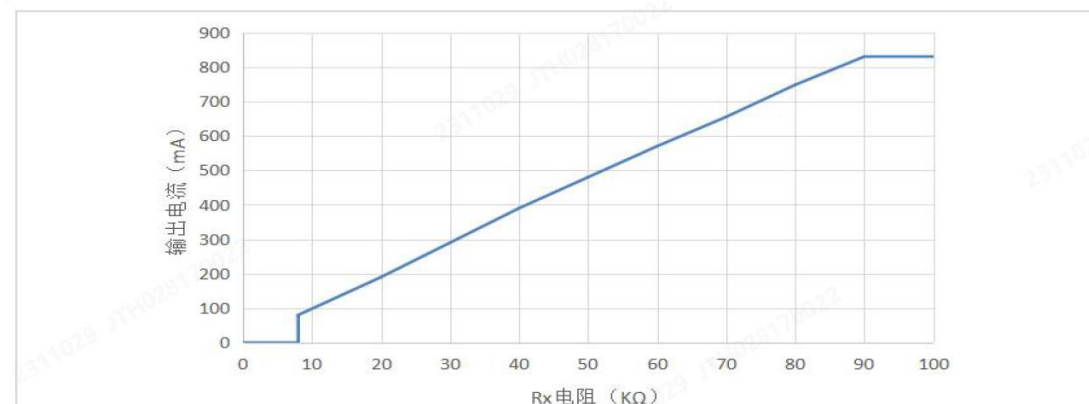
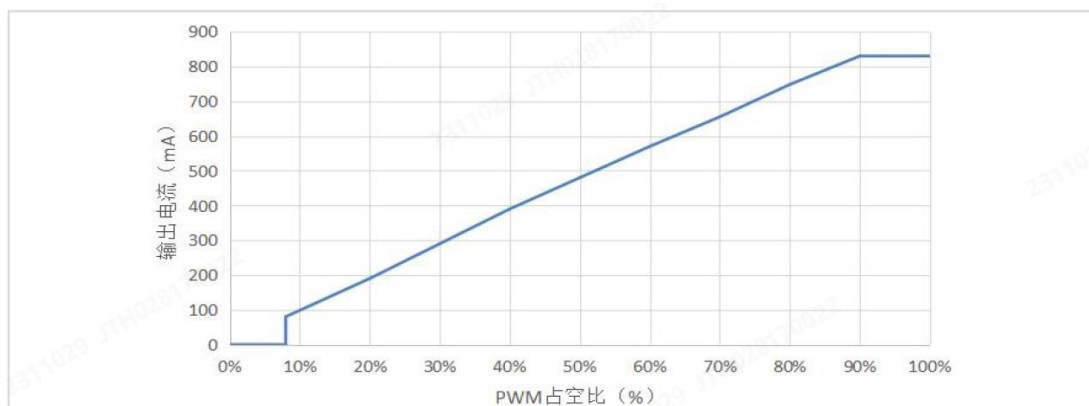
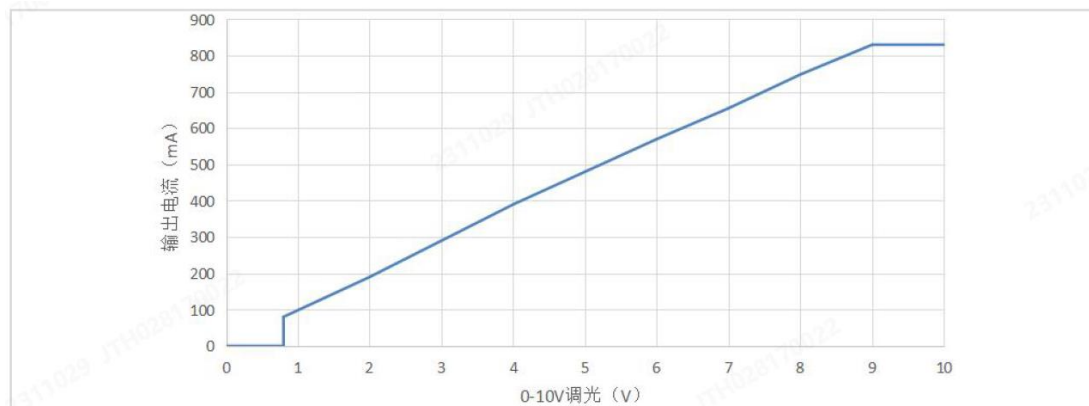
LVED-PRO-150-620x-xxx

Dimming Curve调光曲线



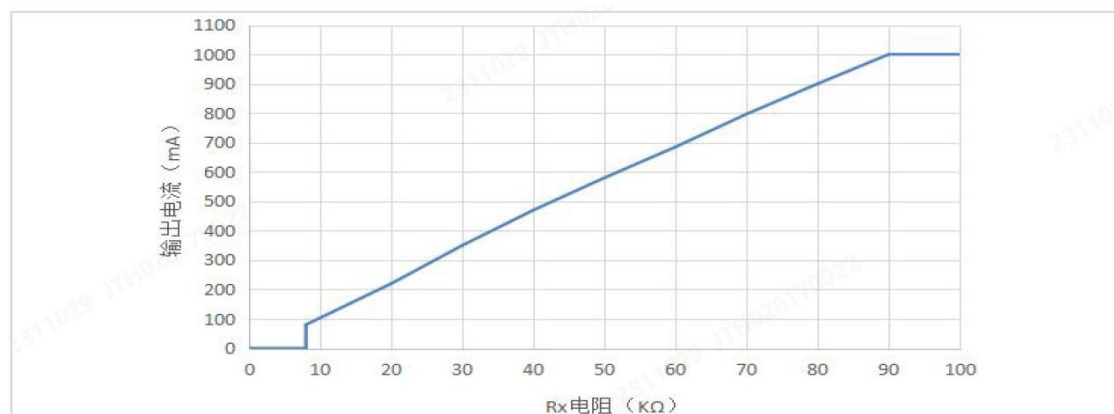
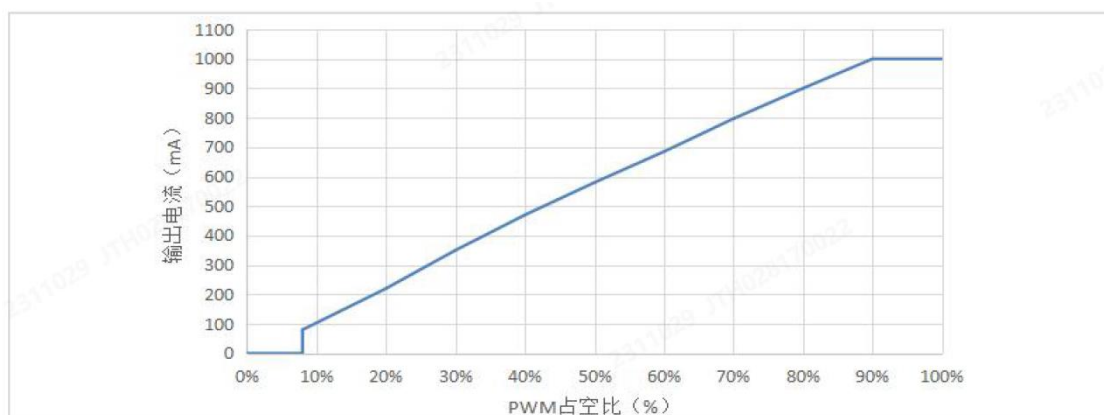
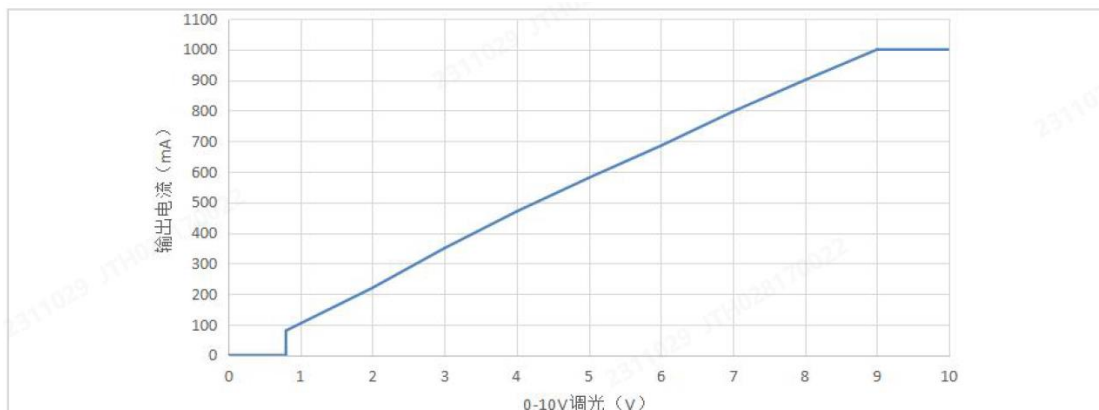
LVED-PRO-200-830x-xxx

Dimming Curve调光曲线



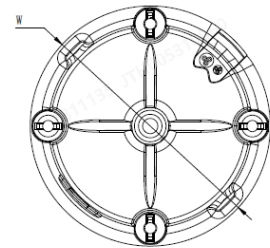
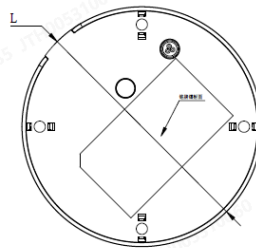
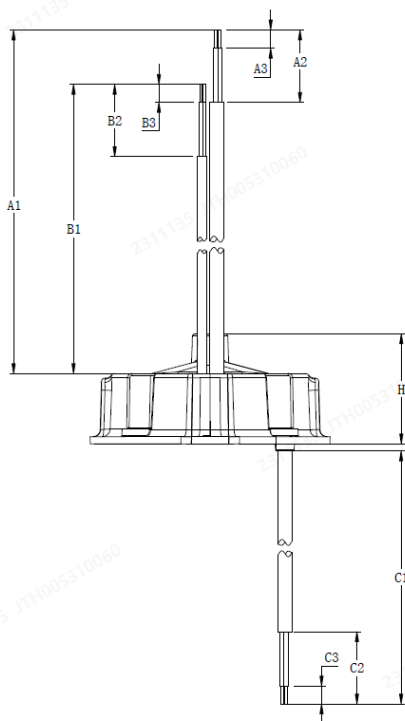
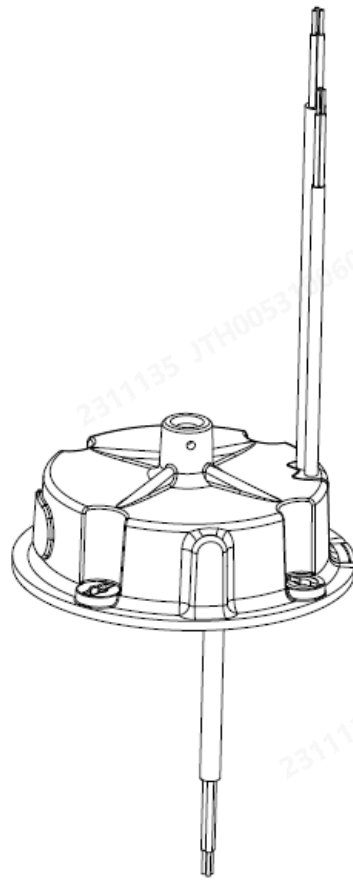
LVED-PRO-240-1000x-xxx

Dimming Curve调光曲线



LVED-PRO-120-500x-xxx
LVED-PRO-150-620x-xxx
LVED-PRO-200-830x-xxx
LVED-PRO-240-1000x-xxx

Drawing 产品图纸

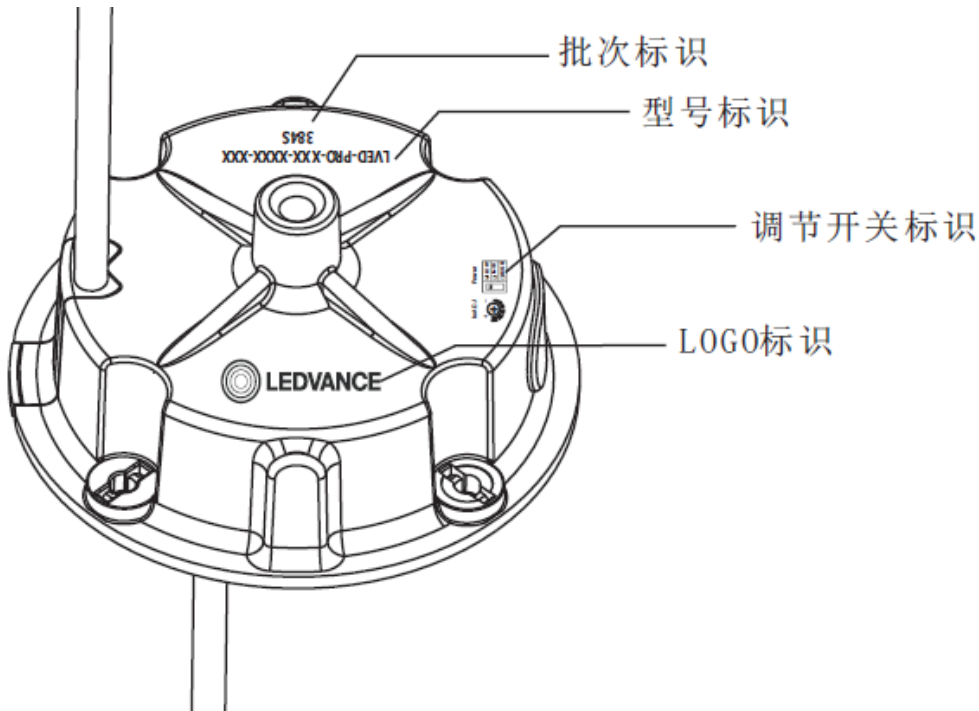


外观尺寸			
名称描述	代号	单位 (mm)	公差 (mm)
外壳长度	L	132.8	±2
外壳宽度	W	132.8	±2
外壳高度	H	60.9	±2
AC线外露长度	A1	300	±10
AC线剥皮长度	A2	40	±5
AC线镀锡长度	A3	10	±2
调光线外露长度	B1	280	±10
调光线剥皮长度	B2	40	±5
调光线浸锡长度	B3	10	±2
DC线外露长度 (端子后)	C1	200	±10
DC线剥皮长度	C2	40	±5
DC线镀锡长度	C3	10	±2



LVED-PRO-120-500x-xxx
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LVED-PRO-200-830x-xxx
LVED-PRO-240-1000x-xxx

Drawing 产品外观丝印图



LVED-PRO-120-500x-xxx
 LVED-PRO-150-620x-xxx
 LVED-PRO-200-830x-xxx
 LVED-PRO-240-1000x-xxx

Use Guideline 使用说明



LVED-PRO-120-500x-xxx
LVED-PRO-150-620x-xxx
LVED-PRO-200-830x-xxx
LVED-PRO-240-1000x-xxx

Ordering code 下单编码

NCC编码	规格描述	型号
04.05.01.003.0025	睿致LED调光驱动LVED PRO 120/100-277/500 0-10VDIM UFO260V FB LEDV	LVED-PRO-120-500D-001
04.05.01.003.0026	睿致LED调光驱动LVED PRO 150/100-277/620 0-10VDIM UFO260V FB LEDV	LVED-PRO-150-620D-001
04.05.01.003.0027	睿致LED调光驱动LVED PRO 200/100-277/830 0-10VDIM UFO260V FB LEDV	LVED-PRO-200-830D-001
04.05.01.003.0028	睿致LED调光驱动LVED PRO 240/100-277/1000 0-10VDIM UFO260V FB LEDV	LVED-PRO-240-1000D-001
04.05.01.003.0055	睿致LED调光驱动LVED PRO 120/100-277/500 0-10VDIM UFO260V FB-A LEDV	LVED-PRO-120-500D-002
04.05.01.003.0056	睿致LED调光驱动LVED PRO 150/100-277/620 0-10VDIM UFO260V FB-A LEDV	LVED-PRO-150-620D-002
04.05.01.003.0057	睿致LED调光驱动LVED PRO 200/100-277/830 0-10VDIM UFO260V FB-A LEDV	LVED-PRO-200-830D-002
04.05.01.003.0058	睿致LED调光驱动LVED PRO 240/100-277/1000 0-10VDIM UFO260V FB-A LEDV	LVED-PRO-240-1000D-002
04.05.01.003.0060	睿致LED调光驱动LVED PRO 120/100-277/500 0-10VDIM UFO260V FB-B LEDV	LVED-PRO-120-500D-003
04.05.01.003.0061	睿致LED调光驱动LVED PRO 150/100-277/620 0-10VDIM UFO260V FB-B LEDV	LVED-PRO-150-620D-003
04.05.01.003.0062	睿致LED调光驱动LVED PRO 200/100-277/830 0-10VDIM UFO260V FB-B LEDV	LVED-PRO-200-830D-003
04.05.01.003.0063	睿致LED调光驱动LVED PRO 240/100-277/1000 0-10VDIM UFO260V FB-B LEDV	LVED-PRO-240-1000D-003
04.05.01.003.0065	睿致LED调光驱动LVED PRO 120/100-277/500 0-10VDIM+CW UFO260V FB-T LEDV	LVED-PRO-120-500D-004
04.05.01.003.0066	睿致LED调光驱动LVED PRO 150/100-277/620 0-10VDIM+CW UFO260V FB-T LEDV	LVED-PRO-150-620D-004
04.05.01.003.0067	睿致LED调光驱动LVED PRO 200/100-277/830 0-10VDIM+CW UFO260V FB-T LEDV	LVED-PRO-200-830D-004
04.05.01.003.0068	睿致LED调光驱动LVED PRO 240/100-277/1000 0-10VDIM+CW UFO260V FB-T LEDV	LVED-PRO-240-1000D-004
04.05.01.003.0070	睿致LED调光驱动LVED PRO 120/100-277/500 0-10VDIM+CW UFO260V FB-TA LEDV	LVED-PRO-120-500D-005
04.05.01.003.0071	睿致LED调光驱动LVED PRO 150/100-277/620 0-10VDIM+CW UFO260V FB-TA LEDV	LVED-PRO-150-620D-005
04.05.01.003.0072	睿致LED调光驱动LVED PRO 200/100-277/830 0-10VDIM+CW UFO260V FB-TA LEDV	LVED-PRO-200-830D-005
04.05.01.003.0073	睿致LED调光驱动LVED PRO 240/100-277/1000 0-10VDIM+CW UFO260V FB-TA LEDV	LVED-PRO-240-1000D-005
04.05.01.003.0075	睿致LED调光驱动LVED PRO 120/100-277/500 0-10VDIM+CW UFO260V FB-TB LEDV	LVED-PRO-120-500D-006
04.05.01.003.0076	睿致LED调光驱动LVED PRO 150/100-277/620 0-10VDIM+CW UFO260V FB-TB LEDV	LVED-PRO-150-620D-006
04.05.01.003.0077	睿致LED调光驱动LVED PRO 200/100-277/830 0-10VDIM+CW UFO260V FB-TB LEDV	LVED-PRO-200-830D-006
04.05.01.003.0078	睿致LED调光驱动LVED PRO 240/100-277/1000 0-10VDIM+CW UFO260V FB-TB LEDV	LVED-PRO-240-1000D-006
04.05.01.003.0033	睿致LED调光驱动LVED PRO 120/100-277/500 0-10VDIM+12V UFO260V FC LEDV	LVED-PRO-120-500D-007
04.05.01.003.0034	睿致LED调光驱动LVED PRO 150/100-277/620 0-10VDIM+12V UFO260V FC LEDV	LVED-PRO-150-620D-007
04.05.01.003.0035	睿致LED调光驱动LVED PRO 200/100-277/830 0-10VDIM+12V UFO260V FC LEDV	LVED-PRO-200-900D-007

LVED-PRO-120-500x-xxx
LVED-PRO-150-620x-xxx
LVED-PRO-200-830x-xxx
LVED-PRO-240-1000x-xxx

Ordering code 下单编码

NCC编码	规格描述	型号
04.05.01.003.0036	睿致LED调光驱动LVED PRO 240/100-277/1000 0-10VDIM+12V UFO260V FC LEDV	LVED-PRO-240-1000D-007
04.05.01.003.0081	睿致LED调光驱动LVED PRO 120/100-277/500 0-10VDIM+12V UFO260V FC-A LEDV	LVED-PRO-120-500D-008
04.05.01.003.0082	睿致LED调光驱动LVED PRO 150/100-277/620 0-10VDIM+12V UFO260V FC-A LEDV	LVED-PRO-150-620D-008
04.05.01.003.0083	睿致LED调光驱动LVED PRO 200/100-277/830 0-10VDIM+12V UFO260V FC-A LEDV	LVED-PRO-200-830D-008
04.05.01.003.0084	睿致LED调光驱动LVED PRO 240/100-277/1000 0-10VDIM+12V UFO260V FC-A LEDV	LVED-PRO-240-1000D-008
04.05.01.003.0086	睿致LED调光驱动LVED PRO 120/100-277/500 0-10VDIM+12V UFO260V FC-B LEDV	LVED-PRO-120-500D-009
04.05.01.003.0087	睿致LED调光驱动LVED PRO 150/100-277/620 0-10VDIM+12V UFO260V FC-B LEDV	LVED-PRO-150-620D-009
04.05.01.003.0088	睿致LED调光驱动LVED PRO 200/100-277/830 0-10VDIM+12V UFO260V FC-B LEDV	LVED-PRO-200-830D-009
04.05.01.003.0089	睿致LED调光驱动LVED PRO 240/100-277/1000 0-10VDIM+12V UFO260V FC-B LEDV	LVED-PRO-240-1000D-009
04.05.01.003.0091	睿致LED调光驱动LVED PRO 120/100-277/500 0-10VDIM+CW+12V UFO260V FC-T LEDV	LVED-PRO-120-500D-010
04.05.01.003.0092	睿致LED调光驱动LVED PRO 150/100-277/620 0-10VDIM+CW+12V UFO260V FC-T LEDV	LVED-PRO-150-620D-010
04.05.01.003.0093	睿致LED调光驱动LVED PRO 200/100-277/830 0-10VDIM+CW+12V UFO260V FC-T LEDV	LVED-PRO-200-830D-010
04.05.01.003.0094	睿致LED调光驱动LVED PRO 240/100-277/1000 0-10VDIM+CW+12V UFO260V FC-T LEDV	LVED-PRO-240-1000D-010
04.05.01.003.0096	睿致LED调光驱动LVED PRO 120/100-277/500 0-10VDIM+CW+12V UFO260V FC-TA LEDV	LVED-PRO-120-500D-011
04.05.01.003.0097	睿致LED调光驱动LVED PRO 150/100-277/620 0-10VDIM+CW+12V UFO260V FC-TA LEDV	LVED-PRO-150-620D-011
04.05.01.003.0098	睿致LED调光驱动LVED PRO 200/100-277/830 0-10VDIM+CW+12V UFO260V FC-TA LEDV	LVED-PRO-200-830D-011
04.05.01.003.0099	睿致LED调光驱动LVED PRO 240/100-277/1000 0-10VDIM+CW+12V UFO260V FC-TA LEDV	LVED-PRO-240-1000D-011
04.05.01.003.0101	睿致LED调光驱动LVED PRO 120/100-277/500 0-10VDIM+CW+12V UFO260V FC-TB LEDV	LVED-PRO-120-500D-012
04.05.01.003.0102	睿致LED调光驱动LVED PRO 150/100-277/620 0-10VDIM+CW+12V UFO260V FC-TB LEDV	LVED-PRO-150-620D-012
04.05.01.003.0103	睿致LED调光驱动LVED PRO 200/100-277/830 0-10VDIM+CW+12V UFO260V FC-TB LEDV	LVED-PRO-200-830D-012
04.05.01.003.0104	睿致LED调光驱动LVED PRO 240/100-277/1000 0-10VDIM+CW+12V UFO260V FC-TB LEDV	LVED-PRO-240-1000D-012
04.05.01.003.0041	睿致LED驱动LVED PRO 120/100-277/500 UFO260V FA LEDV	LVED-PRO-120-500N-001
04.05.01.003.0042	睿致LED驱动LVED PRO 150/100-277/620 UFO260V FA LEDV	LVED-PRO-150-620N-001
04.05.01.003.0043	睿致LED驱动LVED PRO 200/100-277/830 UFO260V FA LEDV	LVED-PRO-200-830N-001
04.05.01.003.0044	睿致LED驱动LVED PRO 240/100-277/1000 UFO260V FA LEDV	LVED-PRO-240-1000N-001
04.05.01.003.0107	睿致LED驱动LVED PRO 120/100-277/500 +CW UFO260V FA-T LEDV	LVED-PRO-120-500N-002
04.05.01.003.0108	睿致LED驱动LVED PRO 150/100-277/620 +CW UFO260V FA-T LEDV	LVED-PRO-150-620N-002
04.05.01.003.0109	睿致LED驱动LVED PRO 200/100-277/830 +CW UFO260V FA-T LEDV	LVED-PRO-200-830N-002
04.05.01.003.0110	睿致LED驱动LVED PRO 240/100-277/1000 +CW UFO260V FA-T LEDV	LVED-PRO-240-1000N-002

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数据如有更改，恕不另行通知
请联系LEDVANCE了解详细信息