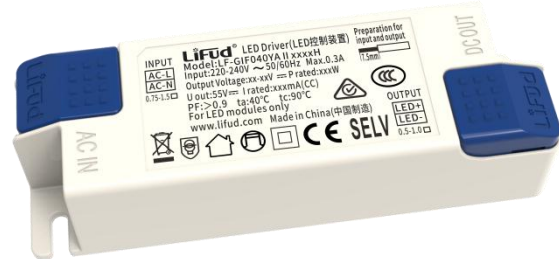


Product Description

LF-GIF040YAII is external assembly design, flicker free and suitable for class II light fixtures. Input voltage: 220-240Vac; rated output power: 40W; output current: 850-1000mA.

Feature

- Flicker free
- High efficiency up to 90%, THD \leq 15%
- Suitable for class II light fixtures
- 5-year warranty
- Certification: TUV, CE, CB, RCM, CCC



Application

- Commercial lighting
- Office lighting
- Decorative lighting
- Residential lighting

Product Naming

LF-GIF 040 YA II (H) xxxx H

H: High input voltage

xxxx: output current (e.g.1000 for 1000mA)

(H): output voltage of 35-42V

Y: comply with certifications; A: a serial number

040: maximum output power

G: isolated design; IF: indoor flicker free series

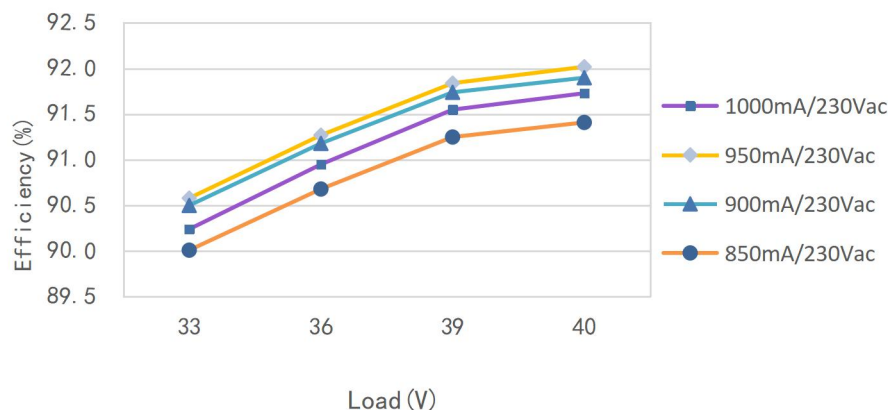
Electrical Characteristic

Model		LF-GIF040YA II				LF-GIF040YA II (H)		
Output	Output Voltage	33-40Vdc				35-42Vdc		
	Output Current	850mA	900mA	950mA	1000mA	1000mA		
	Percent Flicker (Modulation Depth)	<0.5%						
	Ripple Current	<10%						
	Current Tolerance	±5%						
	Temperature Drift	±10%						
	Start-up Time	<0.5S@230Vac						
Input	Input Voltage	220-240Vac (limit: 200-264Vac)						
	Input Frequency	47Hz-63Hz						
	Input Current	0.3A Maximum						
	Power Factor	≥0.95 @230Vac						
	Total Harmonic Distortion	≤15%@230Vac						
	Efficiency	≥90%@230Vac						
	Inrush Current	≤60A&350uS@230Vac						
	Load Quantity of what a Circuit Breaker can support	Circuit Breaker Model	B10		C10		B16	C16
		Quantity (pcs)	23		27		37	43
	Leakage Current	≤0.7mA						
	Standby Power Consumption	≤0.5W						
Protective Feature	Open-Circuit Protection	<55V						
	Short-Circuit Protection	Hiccup mode (auto recovery)						
Environment Condition	Operating Temperature	-30℃ ~ +45℃				-30℃ ~ +40℃		
	Operating Humidity	20-90%RH (no condensation)						
	Storage Temperature/Humidity	-50℃ ~ +85℃ (six months under class I environment); 10-95%RH (no condensation)						
	Atmospheric Pressure	86KPa-106KPa						

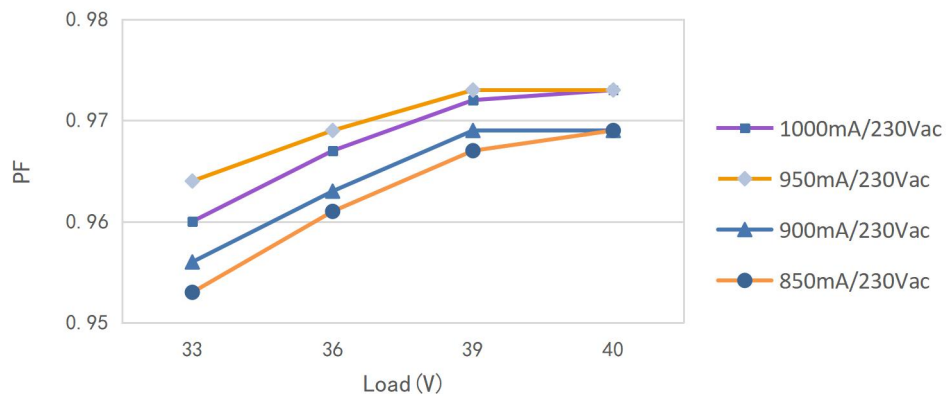
Safety & Norm	Certification	TUV-ENEC, CCC, RCM, CE, CB
	Withstand Voltage	I/P-O/P: 3.75kV 5mA 60S, I/P-PG: 1.5kV 5mA 60S
	Insulation Resistance	I/P-O/P: >100MΩ@500VDC
	Safety Standard	EN61347-1: 2015, EN 61347-2-13: 2014/A1: 2017, EN 62384: 2016/A1:2009 EN 61347-2-13: 2014/A1:2017, EN 61347-1:2015, EN 62493:2015 IEC 61347-1: 2015, IEC61347-2-3:2014, IEC 61347-2-13: 2014/AMD1:2016 GB19510.1-2009, GB19510.14-2009
	EMI	EN55015, EN61000-3-2, EN61000-3-3 GB/T17743, GB17625.1, GB17625.2
	EMS	EN61000-4-2,3,4,5(lightning strike1KV),6,11 GB/T17626.2,3,4,5(lightning strike 1KV),6,11
Others	IP Rating	/
	RoHS	RoHS 2.0 (EU) 2015/863
	Warranty Condition	5yrs (Tc≤82℃)
Remark	<p>1. It is recommended that customer should install over voltage and under voltage protection devices and surge protection devices in the power supply circuits of the light fixtures to ensure safety before connecting to electricity.</p> <p>2. As an accessory, the LED driver is not the only factor determining the EMC performance of the LED light fixture. The structure and the wiring of the light fixture are also relevant. Thus it's strongly recommended the LED light fixture manufacturer re-confirms the EMC of the whole LED light fixture.</p> <p>3. The test conditions of the circuit breaker configuration quantity are the same as that of the inrush current test.</p> <p>4. Unless otherwise stated, the parameters of the power factor, harmonic and efficiency were test results under the ambient temperature of 25℃, humidity of 50%, input voltage of 230V and full load.</p>	

Product Feature Curve

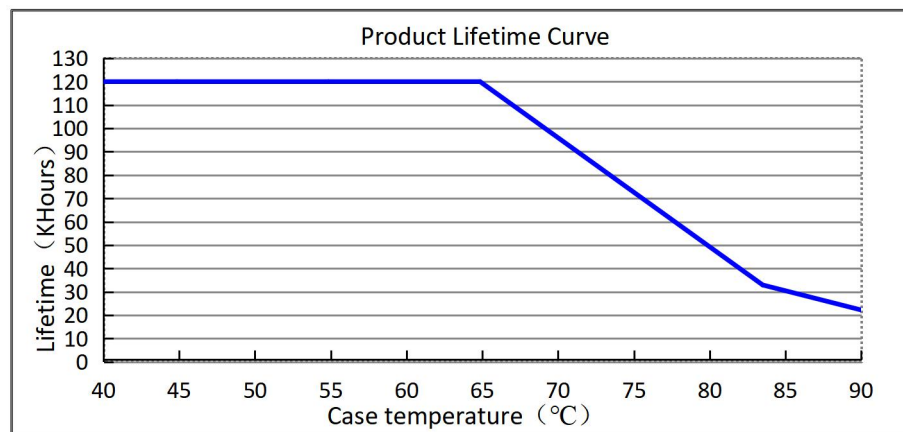
■ PF curve



■ Efficiency curve



■ Lifetime curve



Definition of the Driver's Terminals

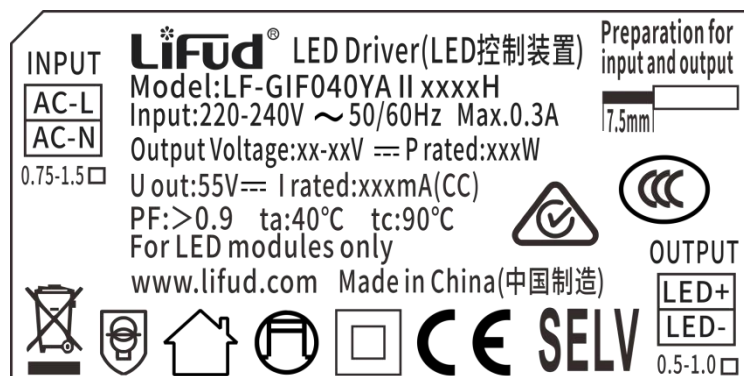
INPUT

AC-L	Input terminal of AC live wire
AC-N	Input terminal of AC neutral wire

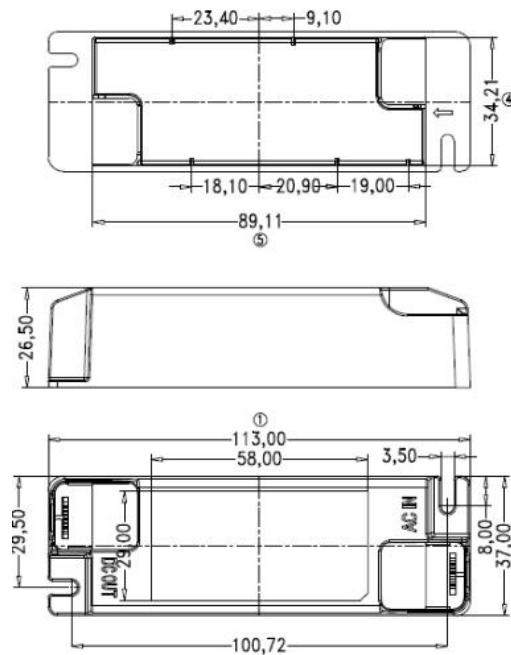
OUTPUT

LED+	The driver's positive electrode output
LED-	The driver's negative electrode output

Label



Dimensions (Unit: mm)



Packaging Specification

Model	LF-GIF040YA II xxxxH
Packaging dimensions	385*285*210 mm (L*W*H)
Quantities	14 pcs/layer; 7 layers/ctn; 98 pcs/ctn
Weights	81 g/pc; 8.28 kg/ctn

Transportation & Storage

■ Transportation

- Suitable transportation means: vehicles, boats and aircraft.
- During transportation, there should be awnings for rain protection and sun protection. Civilized loading and unloading are required. There should be no severe vibration or impact.

■ Storage

- Storage in accordance with the provisions of the Class I environment. For products which have been stored for more than six months, they mustn't be used until they pass the re-inspection.

Attention

- Please use this product according to its specifications otherwise there may be malfunction.
- Use light fixtures that have not been certified or are not compatible with the LED drivers may cause fire or other hazards.
- Man-made damage, any use beyond the specification and non-original-factory modification are not covered by warranty.

Remark: The final interpretation right of the contents of this data sheet belongs to Lifud Technology Co., Ltd.