

PRODUCT CATALOGUE 2023

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Contact Your Local Distributor

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COMPANY PROFILE

Lifud Technology Co., Ltd. is an enterprise aspiring to be the world's leading supplier of LED drivers and intelligent system solutions. Since its establishment in 2007, Lifud has always been adhering to the core values of "integrity, responsibility and dedication", putting them into action. It is also committed to technological innovation, developing energy-saving, healthy and environmental products to achieve the mission of improving the human living environment, the quality of people's life and the long-term vision of making energy more efficient and cleaner.

Known as Guangdong Engineering Technology Research Center, National "Specialized, Fine, Unique and Innovative" Enterprise and one of the Top 100 Intelligent Lighting Enterprises, Lifud owns 180+ personnel engaged in technical research and product development. Besides, it has established its own UL authorized laboratory, DALI certified laboratory and CNAS laboratory to conduct more than 100 items.

Over the past 16 years, all staff in Lifud have been forging ahead with determination and hard work. Through leading technology, high-quality LED driver and intimate service, Lifud has been continuously creating value for nearly 10,000 clients around the world. In addition, Lifud has attained multiple certificates, including the latest "ISO9001:2015" Quality Management System Certificate, "ISO14001:2015" Environmental Management System Certificate and Intellectual Property Management System Certificate and various honorary titles and awards such as "Guangdong Famous brand", "Sichuan famous brand", "National 'Specialized, Fine, Unique and Innovative' Small Giant Enterprise", "Gaogong Annual Best Employer", "TOP10 Global Competitiveness of China's LED Driver Enterprises" and so on.

It is Lifud's supreme pursuit that is to be a century-old enterprise lighting up one third of the world and building a world-class independent brand with mutual benefit and common growth with its clients.

LIFUD PHILOSOPHY

- Vision:** make energy more efficient and cleaner
- Mission:** committed to technological innovation, improving the human living environment and the quality of people's life
- Core value:** integrity, responsibility and dedication
- Quality policy:** create value for clients with excellent quality, continuous innovation and thoughtful service
- Cooperation concept:** one should treat others as one would like to be treated



 Technology

Adhere to technological innovation for developing competitive products

- Independently design 2-in-1 master chips, DDM01 dimming chips, etc.
- Established the second R&D center in Chengdu to specialize in intelligent system
- Theoretical research + application innovation + supply chain integration to continually support technological innovation
- Invested millions of CNY for new equipment to build environment / safety-standard / EMC / intelligent system testing labs
- Magnetic integration technique—the revolutionary and innovative patent leads the world, and the developed products won the Best Product Award of LpS Digital

 Quality

Meticulous design + rigorous test + strict management + sophisticated equipment

- Brought in the IPD management system
- BCA+PD+EVT+DVT+PVT conducted design review and test verification at each stage: 100+ testing items
- Accelerated lifetime test—80°C high temp. burn-in test (2000 hours) & double 85 test (85°C Temp. & 85%RH Hum.)
- All core components supplied from famous brands
- Automated production processes such as SMT, AI, potting, burn-in and so on to ensure the consistency of product quality
- AOI and ATE automatic testing systems fully applied to ensure manual inspection tests.
- Burn-in test for all Lifud LED drivers to ensure product reliability
- Owns UL WTDP lab, DALI lab and CNAS lab

 Service

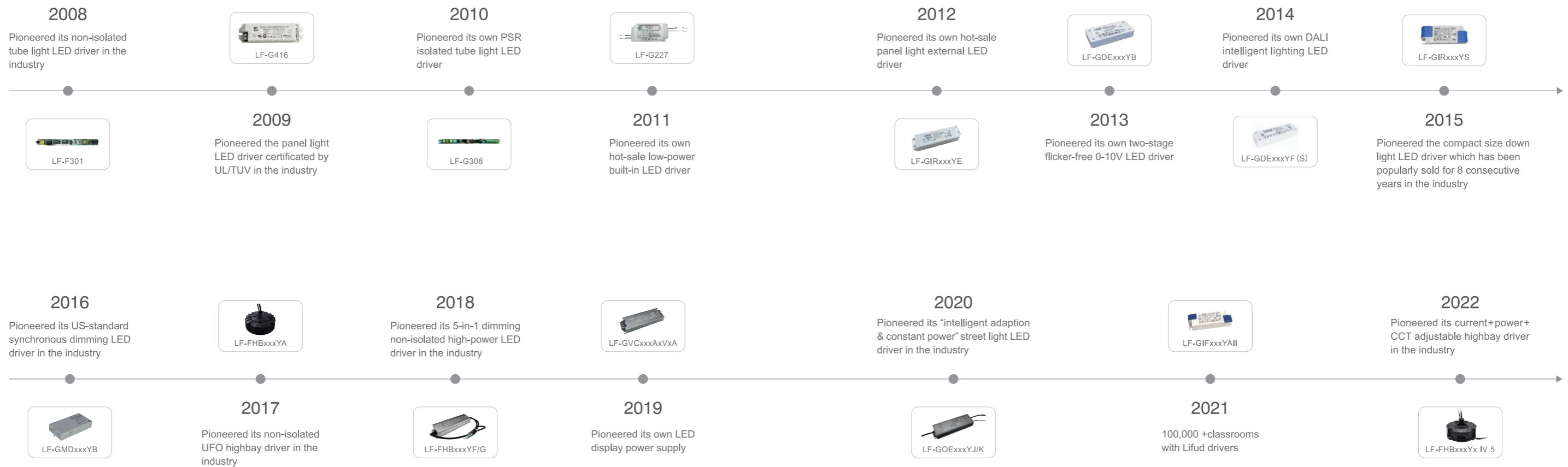
Customized service to achieve 100% satisfaction

- Provide VIP clients with professional and private custom service
- 90 sales professionals, 19 overseas distributors to offer 24/7 service responsively to customers around the world
- Various LED driver models; ex-stock delivery
- Product customization available

LIFUD HISTORY



PRODUCT HISTORY



LIGHTING PROJECT



The Office of the British Royal
Embassy of Los Angeles, California
Citibank Tower
New York Stock Exchange
Bangkok Grand Palace
Great Hall of the People

Dusseldorf Airport Garden Building
Xiamen Brics Conference Venue
Hangzhou Alibaba Building
Shenzhen Tencent Building
Shanghai Resources Building
Wuhan Fiberhome Telecommunication R&D Center

Sheraton Qiandao Lake Resort
Pullman Fuzhou Tahoe
New Century Hangzhou Grand Hotel
Sanya Hainan Five-star Hotel
Hangzhou Jinyu-Guanlan Era—Yundi
Guiyang Yueshan Lake Villa Area

Some Europe BMW Production Shops
Indonesia Nike OEM Factory
Hokkaido Railway Station
Thailand Exhibition Hall
Branch Factory of Fuxing Technology

Shanghai Metro Line 15
Fuzhou Metro Line 2
Chengdu Metro Line 5
Qingdao Metro Line 11
Changchun Urban Rail Line 1

Nanjing Yangtze River Bridge
Jiaozhou Bay Undersea Tunnel
Guangzhou Dongfeng Nissan Factory
Shenzhen Futian High Speed Railway Station
Dongfeng Liuzhou Automobile Factory

QUALIFICATION CERTIFICATE



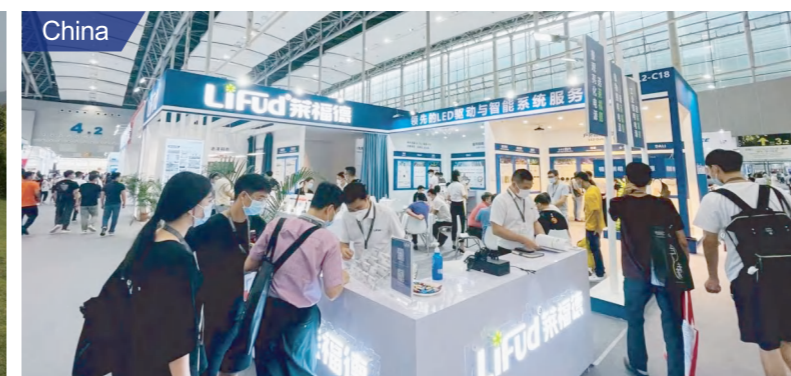
Patent for invention: a control circuit, control device and method for LED driver
 Patent for invention: a dimming signal processing system for LED driver
 Patent for invention: high-frequency transformer CN201610995019.3
 Patent for invention: high-frequency transformer CN201610994480.7
 Patent for invention: high-frequency transformer CN201610995018.9
 Patent for invention: control method and device of digital LED driver
 Patent for invention: multi-functional dimming circuit and device

Utility model: intelligent LED lighting control system
 Utility model: a flicker-free circuit
 Utility model: automatically-controlled LED driver circuit for heat dissipation
 Utility model: a double-tube flyback single-stage PFC LED circuit
 Utility model: a protective circuit for super junction MOS application
 Utility model: LED driver testing system
... and 114 patented technologies

National "Specialized, Fine, Unique and Innovative" Small Giant Enterprise
 National High-Tech Enterprise
 Shenzhen High-Tech Enterprise
 Guangdong Famous Brand
 Sichuan Famous Brand
 Meishan Municipal Government Quality Award
 40-Year Reform and Opening-up Influential Enterprise
 Guangdong Engineering Technology Center

LPS Digital Best Product Award
 ISO14001: 2015
 ISO9001
 Intellectual Property Management System Certification
 Gaogong LED Golden Ball Award
 Gaogong Annual Technical Innovation Award
 Gaogong Annual Best Employer Award
 The 6th LED Initiative Gold Award

ACTIVITY



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Indoor Non-dimmable LED Driver

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Content

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C.C. (constant current)
C.V. (constant voltage)
C.P. (constant power)







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Function Selectable Table













Input Voltage	Output Power	Model	Picture	Dimming Mode					Tunable White	Adjustable Current	12V AUX Output	IP Rating	Flicker Free	Warranty (years)	Certification	Page
				0-10V, PWM & Rx	DALI	Push	Zigbee	Bluetooth								

Indoor: LED panel light, down light, spot light, track light, ceiling light, grille light, etc.



220-240Vac	4-50W	LF-GSDxxxYK/YG			DT8	YG				√	√		IP20	√	5	DALI2.0, ENEC, CE, CB, RCM, CCC	27
	4-40W	LF-AADxxx			DT6	√					√		IP20	√	5	DALI2.0, ENEC, CE, CB, RCM, CCC	29
	11-60W	LF-GSDxxxYC		√	DT6	√					√		IP20	√	7	DALI2.0, ENEC, CE, CB, RCM, CCC	32
	8-30W	LF-BATxxx							√				IP20	√	5	ENEC, CE, CB, RCM, CCC	43
	4-40W	LF-AATxxx							√		√		IP20	√	5	ENEC, CE, CB, RCM, CCC	42
	2-30W	LF-GDExxxYG							√		√		IP20	√	5	ENEC, CE, CB, RCM, TUV, CCC	44
	4-40W	LF-AAAx		√							√		IP20	√	5	ENEC, CE, CB, RCM, CCC	34
	6-40W	LF-ABAxxx		√							√		IP20	√	5	ENEC, CE, CB, RCM, CCC	35
	4-40W	LF-AAZxxx					√				√		IP20	√	5	CE, CCC	46
	4-50W	LF-ABZxxx					√			√	√		IP20	√	5	CE, CCC	47
	4-40W	LF-AABxxx						√			√		IP20	√	5	CE, CCC	48
	4-50W	LF-ABBxxx						√		√	√		IP20	√	5	CE, CCC	49
	1-8W	LF-GIRxxxYS/YS(B) xxxxH/H(D)											IP20	√	3/4/5	CE, CB, RCM, CCC	62
	1-7W	LF-GIRxxxYSII xxxxH/H(D)											IP20	√	5	CE, CB, RCM, CCC	63
	4-24W	LF-GIRxxxYSxxxxH											IP20	√	5	CE, CB, RCM, TUV, CCC	64
	3-22W	LF-GIRxxxYMxxxxH											IP20		5	ENEC, CE, CB, RCM, TUV, CCC	57
	15-40W	LF-GIFxxxYF											IP20	√	5	ENEC, CE, CB, RCM, CCC	58
	14-40W	LF-GIFxxxYFIxxxxH											IP20	√	5	ENEC, CE, CB, RCM, CCC	59
	4-22W	LF-GIFxxxYAxxxxH											IP20	√	5	ENEC, CE, CB, RCM, CCC	65
	22-60W	LF-GIFxxxYAIxxxxH											IP20	√	5	ENEC, CE, CB, RCM, CCC	60
22-60W	LF-GIFxxxYSxxxxH											IP20	√	5	ENEC, CE, CB, RCM, CCC	61	




Input Voltage	Output Power	Model	Picture	Dimming Mode						Tunable White	Adjustable Current	12V AUX Output	IP Rating	Flicker Free	Warranty (years)	Certification	Page
				0-10V, PWM & Rx	DALI	Push	Zigbee	Bluetooth	Triac								
220-240Vac	8-40W	LF-GICxxxYSIIxxxxH										IP40	✓	5	ENEC, CE, CB, RCM, CCC	66	
100-120Vac	8-30W	LF-GDExxxYD							✓			IP20	✓	5	FCC, UL	45	
100-277Vac	15-50W	LF-GIRxxxYK										IP20		5	ENEC, CE, CB, RCM, FCC, UL	70	
	24-40W	LF-GIFxxxYC										IP20	✓	5	CE, CB, RCM, TUV	71	
	21-65W	LF-GMDxxxYSV		✓								IP20	✓	5	FCC, UL	36	
	13-65W	LF-GMDxxxYBV		✓								IP20		5	FCC, UL	37	

Indoor: LED linear light, tri-proof light, emergency light, etc.








220-240Vac	18-90W	LF-FSDxxxYA			✓	✓					✓		IP20	✓	5	ENEC, CE, CB, RCM, EL, UKCA	30
	4-80W	LF-GSDxxxYE			DT6	✓							IP20	✓	5	DALI2.0, ENEC, CE, CB, RCM, CCC	31
	13-80W	LF-BBDxxx			DT8	✓				✓	✓		IP20		5	DALI2.0, ENEC, CE, CB, RCM, CCC	28
	11-80W	LF-GLDxxxYExxxxH		✓									IP20	✓	5	CE, CB, RCM	39
	4-30W	LF-BAXxxx		✓	✓		✓			✓	✓			✓	5		72
	11-80W	LF-FMRxxxYS(xxxxH)											IP20	✓	5	ENEC, CE, CB, RCM, EL, CCC	67
	8-80W	LF-GMRxxxYSIIxxxxH											IP20	✓	5	ENEC, CE, CB, RCM, CCC	68
	8-60W	LF-GMRxxxYEIIxxxxH(U)											IP20		5	ENEC, CE, CB, RCM, CCC	69
120-277/120-347Vac	15-65W	LF-GMDxxxYM		✓						✓	✓	✓	IP20		5	FCC, UL	38
100-277Vac	13-55W	LF-GLDxxxYI		✓										✓	5	Complies with FCC, UL	41
	11-65W	LF-GLDxxxYSxxxxU		✓										✓	5	FCC, UL	40
	5/7/10/12W	LF-GSP012YH		For LED emergency light								✓		✓		CE, FCC, UL	73
	5/7/10/12W	LF-GSPxxxYG		For LED emergency light								✓		✓		CE, FCC, UL	74

Outdoor: LED highbay light











100-240/120-277Vac	84-240W	LF-FHBxxxYA/YB/YC IV 5								✓	✓	✓	IP65	✓	5	ENEC, CE, CB, RCM, FCC, UL	75
100-277/220-240Vac	56-240W	LF-FHBxxxYX/BXIV		✓							✓	✓	IP65	✓	5	ENEC, CE, CB, RCM, CCC, FCC, UL	76

Input Voltage	Output Power	Model	Picture	Dimming Mode						Tunable White	Adjustable Current	12V AUX Output	IP Rating	Flicker Free	Warranty (years)	Certification	Page
				0-10V, PWM & Rx	DALI	Push	Zigbee	Bluetooth	Triac								
220-240Vac	84-240W	LF-FHBxxxYK/BK			✓						✓		IP65	✓	5	DALI2.0, ENEC, CE, CB, RCM, CCC	77
120-347Vac	84-240W	LF-HBA/HBCxxx		✓						✓	✓	✓	IP65	✓	5	FCC, UL	78
	70-320W	LF-FCXxxx		✓							✓	✓	IP54	✓	5	FCC, UL	82

Outdoor: LED street light, tunnel light, flood light, grow light, etc.





100-277Vac	40-80W	LF-FXXxxx		✓							✓	✓	IP40	✓	5	ENEC, CE, CB, RCM, CCC, UL, FCC	80
	70-320W	LF-FAX/BXxxx		✓							✓	✓	IP54	✓	5	ENEC, CE, CB, RCM, FCC, UL	81
	70-1000W	LF-FDXxxx		✓	✓						✓	✓	IP67	✓	5	ENEC, CE, CB, RCM, CCC, UL, FCC	83
	77-240W	LF-GOExxxYH			✓						Intelligent Adaptation Constant Power	✓	IP67	✓	5	DALI2.0, ENEC, CE, CB, RCM, CCC, FCC, UL	86
	77-320W	LF-GOExxxYE/YF		YF							✓		IP67	✓	5	ENEC, CE, CB, RCM, CCC, FCC, UL	85
	240&320W	LF-EAxxx		✓							✓		IP65	✓	5	FCC, UL	90
220-240Vac/ 100-277Vac	15-100W	LF-GOExxx YF(E)/YE(E)		YF(E)						✓		IP67	✓	5	ENEC, CE, CB, RCM, CCC, FCC, UL	84	

Indoor/Outdoor: LED strip, light box, etc.



220-240Vac	75&120&150W	LF-GSDxxxYV 012/024B			DT6	✓							IP20	✓	5	DALI2.0, ENEC, CE, CB, RCM, CCC	51
	75&120&150W	LF-GSDxxxYV 012/024A			DT8	✓							IP20	✓	5	DALI2.0, ENEC, CE, CB, RCM, CCC	50
	40&240W	LF-GADxxx		✓	✓	✓							IP20	✓	5	DALI2.0, ENEC, CE, CB, RCM, CCC	52
	75&150W	LF-GATxxx								✓			IP20	✓	5	ENEC, CE, CB, RCM, CCC	54
	75&120&150W	LF-GDExxxYV		✓									IP20	✓	5	ENEC, CE, CB, RCM, CCC	53
	150W	LF-GAZ150A/B					✓				GAZ150A		IP20	✓	5	ENEC, CE, RCM, CCC	55
	150W	LF-GAB150A/B						✓			GAB150A		IP20	✓	5	ENEC, CE, RCM, CCC	56
	150&240W	LF-KADxxx			✓								IP67	✓	5	DALI2.0, ENEC, CE, CB, RCM, CCC	87
100-240Vac	280-400W	LF-KAN400										IP42		3	Complies with CE, CCC	89	
100-277Vac	53-250W	LF-GOExxxYV 012/024A										IP67	✓	5	ENEC, CE, CB, RCM, FCC, UL, CCC	88	

Input Voltage	Output Power	Model	Picture	Dimming Mode						Tunable White	Adjustable Current	12V AUX Output	IP Rating	Flicker Free	Warranty (years)	Certification	Page
				0-10V, PWM & Rx	DALI	Push	Zigbee	Bluetooth	Triac								

LED display power supply

100-277Vac	184-300W	LF-GVCxxxxAxVxA													5	TUV, CB, CE, FCC, UL, CCC	91
	300W	LF-GVC0300A3V8AB													5	TUV, CB, CE, FCC, UL, CCC	92
	168W	LF-GVT0200A4V2A													5	CE, TUV	93
	170W	LF-GVT0200A3V8AB													5	CE, TUV	94

Accessory

DALI to 0-10V/PWM Signal Converter	LF-SCD010B/C		√	√	√							IP67		5	CE	79
DALI Bus Power Supply	LF-GSD005YD			√								IP20		5	CE	33

DALI

DALI-2 DT8 Tunable White LED Driver

LF-GSDxxxYK/YG (4-50W)



Feature

- DALI or PUSH dimmable (YG)
- Tunable white
- Constant current output and output current adjustable via a DIP switch
- 0%-100% dimming range; 0.1% dimming depth
- Flicker free
- Suitable for Class II light fixtures



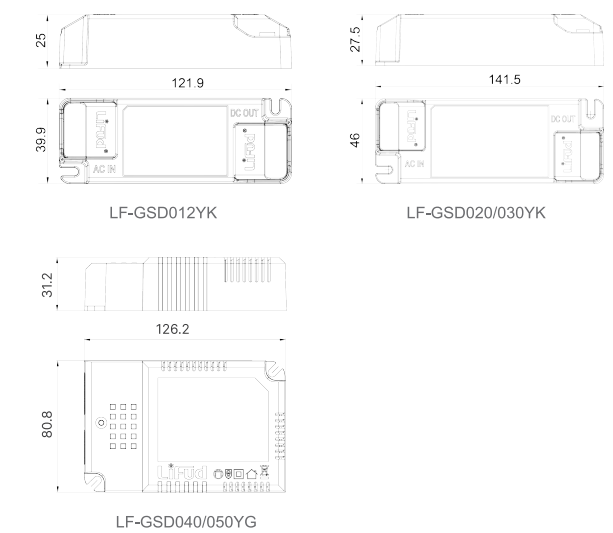
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GSD012YK	12	9-42	100-250	81%(230Vac)	0.93(230Vac)
LF-GSD020YK	20	9-42	350-450	84%(230Vac)	0.92(230Vac)
LF-GSD030YK	30	9-42	400-700	87%(230Vac)	0.94(230Vac)
LF-GSD040YG	40	20-42	550-1050	87%(230Vac)	0.95(230Vac)
LF-GSD050YG	50	20-42	900-1200	88.5%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac; 310-340Vdc
• Operating Voltage Limit	198-264Vac
• THD	≤15%
• Ta	-20°C ~ +45°C (YK) -30°C ~ +45°C (YG)
• Tc	89°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



DALI-2 DT8 Tunable White LED Driver

LF-BBDxxx (13-80W)



Feature

- DALI or PUSH dimmable
- CCT changeable
- Constant current output and output current adjustable via a DIP switch
- 0%-100% dimming range; 0.1% dimming depth
- Flicker free



Parameter

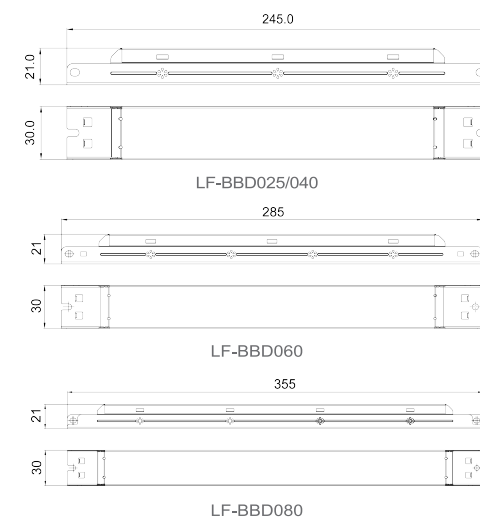
Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-BBD025	25	12-52	250-600	84%(230Vac)	0.95(230Vac)
LF-BBD040	40	12-52	650-1000	85%(230Vac)	0.95(230Vac)
LF-BBD060	60	12-52	1050-1400	86%(230Vac)	0.95(230Vac)
LF-BBD080	80	12-52	1450-1800	87%(230Vac)	0.95(230Vac)

This driver is going to be launched in Q3, 2023.

Specification

Item	Parameter
• Operating Voltage	220-240Vac
• Operating Voltage Limit	198-264Vac
• THD	≤15%
• Ta	-30 ~ +45°C
• Tc	90°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV <5mA 60S

Dimension



DALI-2 DT6 Dimmable LED Driver

LF-AADxxx (4-40W)



Feature

- DALI or PUSH dimmable
- Constant current output and output current adjustable via a DIP switch
- 0%-100% dimming range; 0.1% dimming depth
- Flicker free
- Suitable for Class II light fixtures



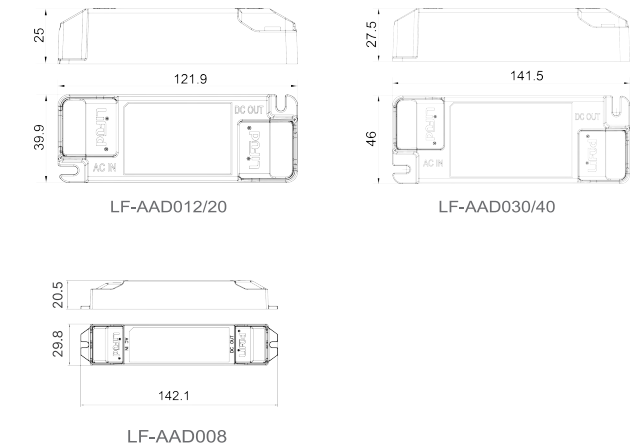
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-AAD008-0350-42	8	9-42	100-300	76%(230Vac)	0.94(230Vac)
LF-AAD008-0700-12	8	2-12	350-700	77%(230Vac)	0.92(230Vac)
LF-AAD012-0400-42	12	9-42	150-400	80%(230Vac)	0.92(230Vac)
LF-AAD020-0500-42	20	9-42	250-500	85%(230Vac)	0.96(230Vac)
LF-AAD030-0750-42	30	9-42	400-750	86%(230Vac)	0.97(230Vac)
LF-AAD040-1050-42	40	9-42	550-1050	88%(230Vac)	0.94(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac; 180-280Vdc
• Operating Voltage Limit	198-264Vac
• THD	≤15%
• Ta	-20°C ~ +45°C
• Tc	86°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



Non-isolated DALI DT6 Dimmable LED Driver

LF-FSDxxxYA (18-90W)



Feature

- DALI or PUSH dimmable
- High efficiency up to 93%
- Output current set via an exterior resistor or a programmer
- Constant lumen output set via a programmer
- Flicker free
- Supports 2 sets of light fixtures connected in series
- Suitable for Class I light fixtures



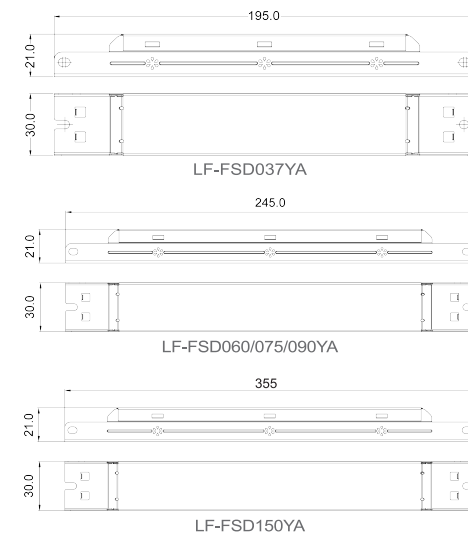
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-FSD037YA	37	54-240	75-400	90%(230Vac)	0.95(230Vac)
LF-FSD060YA	60	54-240	120-550	93%(230Vac)	0.95(230Vac)
LF-FSD075YA	75	54-240	125-900	92%(230Vac)	0.95(230Vac)
LF-FSD090YA	90	54-240	250-1050	93%(230Vac)	0.95(230Vac)
LF-FSD150YA	150	64-300	250-1000	95%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
Operating Voltage	220-240Vac; 180-264Vdc
Operating Voltage Limit	198-264Vac
THD	≤10%
Ta	-30 ~ +50°C/-30 ~ +60°C
Tc	90°C
IP Rating	IP20
Protection Characteristics	Open circuit, short circuit
Withstanding Voltage	I/P-PG: 1.5kV 5mA 60S

Dimension



DALI-2 DT6 Dimmable LED Driver

LF-GSDxxxYE (4-80W)



Feature

- DALI or PUSH dimmable
- Constant current output and output current adjustable via a DIP switch
- 0%-100% dimming range; 0.1% dimming depth
- Flicker free
- Suitable for Class I light fixtures



Parameter

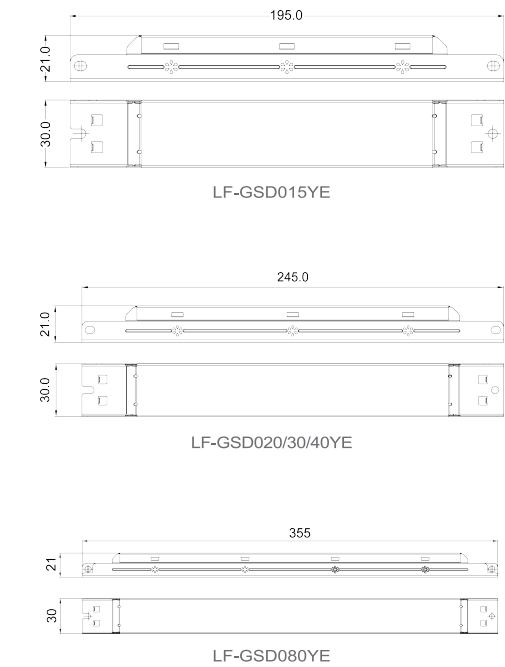
Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GSD015YE	15	25-42	100-350	83.5%(230Vac)	0.95(230Vac)
LF-GSD020YE	20	25-42	250-500	84.5%(230Vac)	0.95(230Vac)
LF-GSD030YE	30	25-42	550-750	86%(230Vac)	0.95(230Vac)
LF-GSD040YE	40	25-42	800-1050	86.5%(230Vac)	0.95(230Vac)
LF-GSD060YE	60	25-42	1100-1500	87%(230Vac)	0.95(230Vac)
LF-GSD080YE	80	25-42	1550-2000	88%(230Vac)	0.90(230Vac)

Specification

Item	Parameter
Operating Voltage	220-240Vac; 310-340Vdc
Operating Voltage Limit	198-264Vac
THD	≤15%
Ta	-30°C ~ +50°C
Tc	77°C
IP Rating	IP20
Protection Characteristics	Open circuit, short circuit
Withstanding Voltage	I/P-O/P(LED): 3.75kVac O/P(LED)-O/P(DIM): 500Vac I/P-O/P(DIM): 500Vac



Dimension



DALI-2 DT6 5-in-1 Dimming LED Driver

LF-GSDxxxYC (11-60W)



Feature

- DALI/PUSH/0-10V/PWM/Rx dimmable
- Synchronous dimming: up to 10 drivers share one IP address
- Constant current output and output current adjustable via a DIP switch
- 0%-100% dimming range; 0.1% dimming depth
- Flicker free
- Suitable for Class I & II light fixtures



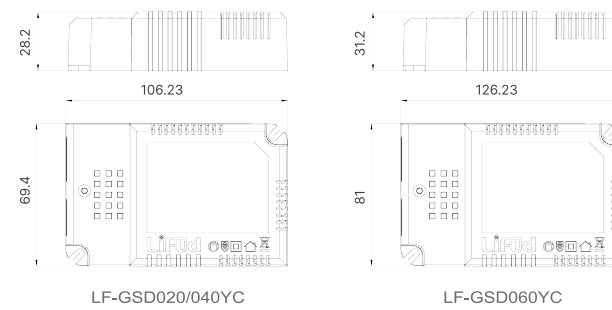
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GSD020YC	20	25-42	250-500	84%(230Vac)	0.94(230Vac)
LF-GSD040YC	40	25-42	250-1050	87.5%(230Vac)	0.95(230Vac)
LF-GSD060YC	60	25-42	1100-1500	88%(230Vac)	0.95(230Vac)

Specification

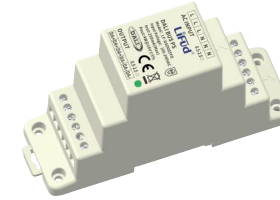
Item	Parameter
• Operating Voltage	220-240Vac; 310-340Vdc
• Operating Voltage Limit	198-264Vac
• THD	≤15%
• Ta	-30°C ~ +50°C
• Tc	83°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P(LED): 3.75kVac O/P(LED)-O/P(DA): 500Vac I/P-O/P(DA): 500Vac

Dimension



DALI Bus Power Supply

LF-GSD005YD



Feature

- Complies with DALI protocol IEC62386-101; GTIN: 00745560779026
- Installed inside the distribution box and mounted onto DIN rail
- Communication frequency: 1200bps
- Indicator light on: properly working
Indicator light flashes: control signal nearby
Indicator light off: DALI signal abnormal



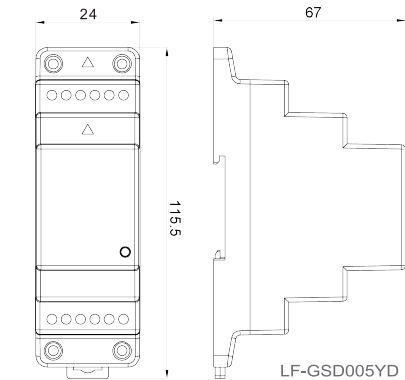
Parameter

Model	Input Voltage(Vdc)	Output Voltage(Vdc)	Output Current(mA)	Warranty Tc(°C)
LF-GSD005YD	100-240	16±5%	230±10	≤80

Specification

Item	Parameter
• Rated Input Voltage	100-240Vac; 90-264Vac
• DC Input Voltage	120-288V; 108-316Vdc
• Operating Temperature	-20°C~+50°C
• Tc	80°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV <5mA 60S

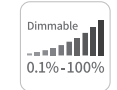
Dimension





3-in-1 Dimming LED Driver

LF-AAAxxx (4-40W)



Feature

- 0-10V/PWM/Rx dimmable
- Constant current output and output current adjustable via a DIP switch
- 0%-100% dimming range; 0.1% dimming depth
- Flicker free
- Suitable for Class II light fixtures



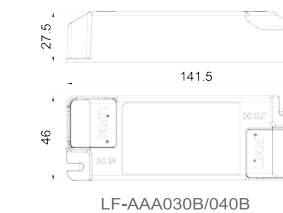
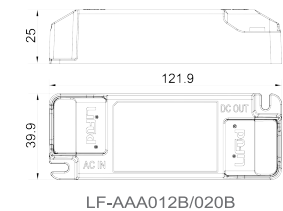
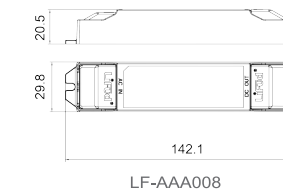
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-AAA008-0700-12	8	2-12	350-700	73%(230Vac)	0.90(230Vac)
LF-AAA008-0350-42	8	9-42	100-350	73%(230Vac)	0.90(230Vac)
LF-AAA012B0400-42	12	9-42	150-400	81%(230Vac)	0.93(230Vac)
LF-AAA020B0500-42	20	9-42	250-500	84%(230Vac)	0.94(230Vac)
LF-AAA030B0750-42	30	9-42	400-750	84%(230Vac)	0.90(230Vac)
LF-AAA040B1050-42	40	9-42	550-1050	86%(230Vac)	0.90(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac; 180-280Vdc
• Operating Voltage Limit	198-264Vac
• THD	≤15%
• Ta	-20°C ~ +45°C
• Tc	88°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P(LED): 3.75kVac O/P(LED)-O/P(DA): 500Vac I/P-O/P(DA): 500Vac

Dimension



3-in-1 Dimming LED Driver (affordable version)

LF-ABAxxx (6-40W)



Feature

- 0-10V/PWM/Rx dimmable
- Constant current output and output current adjustable via a DIP switch
- 0%-100% dimming range; 3% dimming depth
- Flicker free
- Suitable for Class II light fixtures



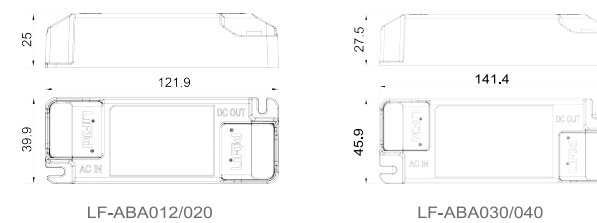
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-ABA012-0300-42	12	25-42	150-300	82.5%(230Vac)	0.92(230Vac)
LF-ABA020-0500-42	20	25-42	350-500	82.5%(230Vac)	0.95(230Vac)
LF-ABA030-0750-42	30	25-42	500-750	86%(230Vac)	0.95(230Vac)
LF-ABA040-1050-42	40	25-42	800-1050	87.5%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac; 180-280Vdc
• Operating Voltage Limit	198-264Vac
• THD	≤15%
• Ta	-20°C ~ +45°C
• Tc	87°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



3-in-1 Dimming Flicker-free LED Driver

LF-GMDxxxYSV (21-65W)



Feature

- 0-10V/PWM/Rx dimmable
- Complies with the latest safety standard (output circuit isolated from the dimming circuit)
- Complies with the latest DLC5.2 standard
- Synchronous dimming: up to 10 drivers
- Smooth dimming; dim to off
- Suitable for US-standard panel light



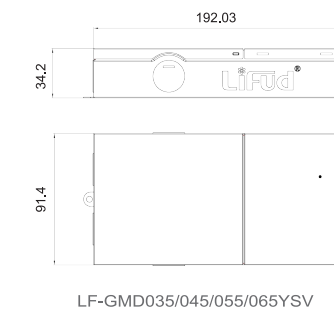
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GMD035YSVxxxxU	35	25-42	300-800	86%(120Vac)	0.95(120Vac)
LF-GMD045YSVxxxxU	45	25-42	800-1100	85%(120Vac)	0.95(120Vac)
LF-GMD055YSVxxxxU	55	25-42	1100-1300	86%(120Vac)	0.95(120Vac)
LF-GMD065YSVxxxxU	65	25-42	1100-1650	86%(120Vac)	0.99(120Vac)

Specification

Item	Parameter
• Operating Voltage	100-277Vdc
• THD	≤20%
• Ta	-30°C ~ +50°C
• Tc	77°C
• Protection Characteristics	Open circuit, short circuit, over voltage
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



3-in-1 Dimming LED Driver

LF-GMDxxxYBV (13-65W)



Feature

- 0-10V/PWM/Rx dimmable
- Complies with the latest safety standard (output circuit isolated from the dimming circuit)
- Synchronous dimming: up to 10 drivers
- Smooth dimming; dim to off
- Suitable for US-standard panel light



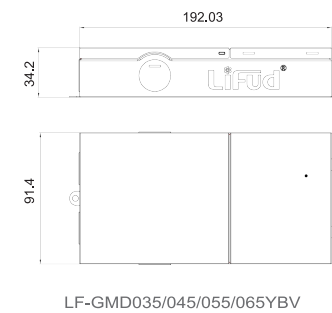
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GMD035YBVxxxU	35	25-42	300-800	88%(120Vac)	0.95(120Vac)
LF-GMD045YBVxxxU	45	25-42	800-1100	88%(120Vac)	0.95(120Vac)
LF-GMD055YBVxxxU	55	25-42	1100-1300	87%(120Vac)	0.95(120Vac)
LF-GMD065YBVxxxU	65	25-42	1100-1650	87%(120Vac)	0.95(120Vac)

Specification

Item	Parameter
• Operating Voltage	100-277Vdc
• THD	≤20%
• Ta	-30°C ~ +50°C
• Tc	72°C
• Protection Characteristics	Open circuit, short circuit, over voltage, under voltage, over current, over temperature
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



Current + CCT Adjustable LED Driver

LF-GMDxxxYM (15-65W)



Feature

- 0-10V dimmable; 12V AUX output
- CCT + current adjustable via external DIP switches
- Smooth dimming; dim to off
- Complies with the latest DLC 5.2 standard
- Suitable for Class I light fixtures



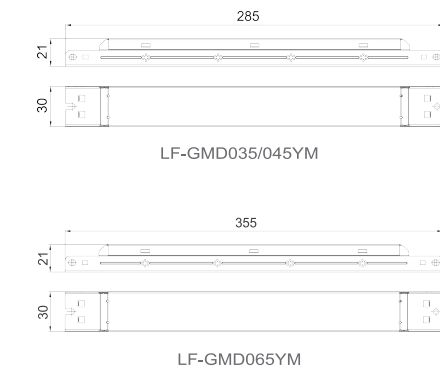
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GMD035YM-EYG/UYG	35	30-42	350-700	85%(230Vac)	0.98(230Vac)
LF-GMD035YM-EYJ/UYJ	35	30-42	400-650	85%(230Vac)	0.98(230Vac)
LF-GMD035YM0750-EY/UY	35	30-42	750	85%(230Vac)	0.98(230Vac)
LF-GMD045YM-EYA/UYA	45	30-42	700-1050	87%(230Vac)	0.98(230Vac)
LF-GMD045YM-EYB/UYB	45	30-42	450-800	87%(230Vac)	0.98(230Vac)
LF-GMD045YM0950-EY/UY	45	30-42	950	87%(230Vac)	0.98(230Vac)
LF-GMD065YM-EYB/UYB	65	30-42	700-1050	87%(230Vac)	0.98(230Vac)
LF-GMD065YM-EYC/UYC	65	30-42	700-1350	87%(230Vac)	0.98(230Vac)
LF-GMD065YM-EYD/UYD	65	30-42	900-1550	87%(230Vac)	0.98(230Vac)
LF-GMD065YM1500-EY/UY	65	30-42	1500	87%(230Vac)	0.98(230Vac)

Specification

Item	Parameter
• Operating Voltage	120-277/120-347Vac
• Operating Voltage Limit	108-305/108-382Vac
• THD	/
• Ta	-40°C ~ +50°C
• Tc	85°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S I/P-PG: 1.5kV 5mA 60S O/P-PG: 0.5kV 5mA 60S DIM+/DIM--PG: 0.5kV 5mA 60S

Dimension



3-in-1 Dimming LED Driver

LF-GLDxxxYExxxxH (11-80W)



Feature

- 0-10V/PWM/Rx dimmable
- 2 sets of input L & N terminals for loop-in and loop-out wiring
- Flicker free
- Suitable for Class I light fixtures



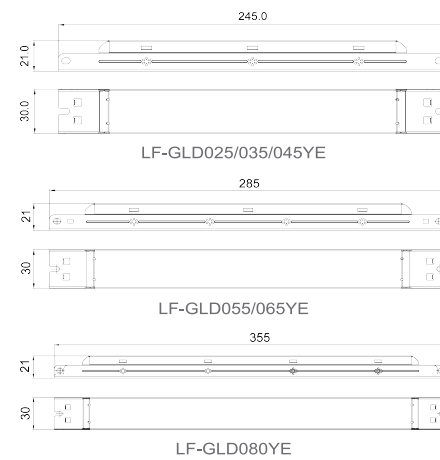
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GLD025YExxxxH	25	25-42	250-550	85%(230Vac)	0.90(230Vac)
LF-GLD035YExxxxH	35	25-42	600-800	86%(230Vac)	0.90(230Vac)
LF-GLD045YExxxxH	45	25-42	850-1050	87%(230Vac)	0.95(230Vac)
LF-GLD055YExxxxH	55	25-42	1100-1300	87%(230Vac)	0.95(230Vac)
LF-GLD065YExxxxH	65	25-42	1300-1500	87%(230Vac)	0.95(230Vac)
LF-GLD080YExxxxH	80	25-40	1550-2000	88%(230Vac)	0.90(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac; 310-340Vdc
• Operating Voltage Limit	200-264Vac; 198-264Vdc
• THD	≤20%
• Ta	-30°C ~ +50°C
• Tc	88°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



100-277Vac 3-in-1 Dimming LED Driver

LF-GLDxxxYSxxxxU (11-65W)



Feature

- 0-10V/PWM/Rx dimmable
- Flicker free
- Complies with the latest safety standard (output circuit isolated from the dimming circuit)
- Complies with the latest DLC 5.2 standard
- Suitable for Class I light fixtures



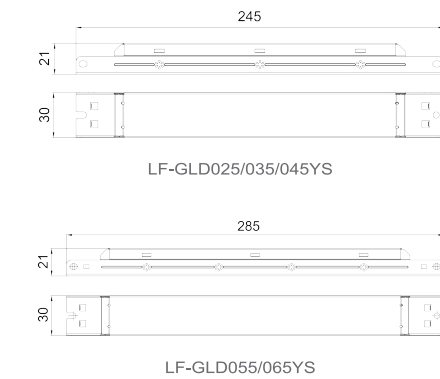
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GLD025YSxxxxU	25	25-42	250-550	84%(277Vac)	0.90(277Vac)
LF-GLD035YSxxxxU	35	25-42	600-800	85%(277Vac)	0.90(277Vac)
LF-GLD045YSxxxxU	45	25-42	800-1100	85%(277Vac)	0.90(277Vac)
LF-GLD055YSxxxxU	55	25-42	1100-1300	87%(277Vac)	0.90(277Vac)
LF-GLD065YSxxxxU	65	25-42	1300-1550	87%(277Vac)	0.90(277Vac)

Specification

Item	Parameter
• Operating Voltage	100-277Vac
• Operating Voltage Limit	90-305Vac
• THD	≤20%
• Ta	-30°C ~ +50°C
• Tc	73°C
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV <5mA 60S I/P-FG: 1.6kVac <5mA 60S O/P-FG: 0.5kVac <5mA 60S

Dimension



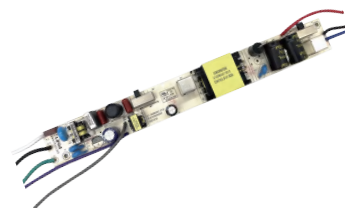
Backlit Panel Light LED Driver

LF-GLDxxxYI (13-55W)



Feature

- 0-10V/Rx dimmable
- CCT + current adjustable via DIP switches
- Smooth dimming; dim to off
- Flicker free
- Complies with the latest safety standard (output circuit isolated from the dimming circuit)
- Complies with the latest DLC 5.2 standard
- Suitable for US-standard backlit panel light



Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GLD035YIxxxE/U(T)	35	25-38	350-750	85%(230Vac)	0.90(230Vac)
LF-GLD035YIxxxE/U(V)	35	36-48	350-750	85%(230Vac)	0.90(230Vac)
LF-GLD045YIxxxE/U(T)	45	25-38	700-1100	86%(230Vac)	0.90(230Vac)
LF-GLD045YIxxxE/U(V)	45	36-48	600-1000	86%(230Vac)	0.90(230Vac)
LF-GLD055YIxxxU(T)	55	25-38	900-1300	86%(230Vac)	0.90(230Vac)
LF-GLD055YIxxxU(V)	55	36-48	650-1050	86%(230Vac)	0.90(230Vac)

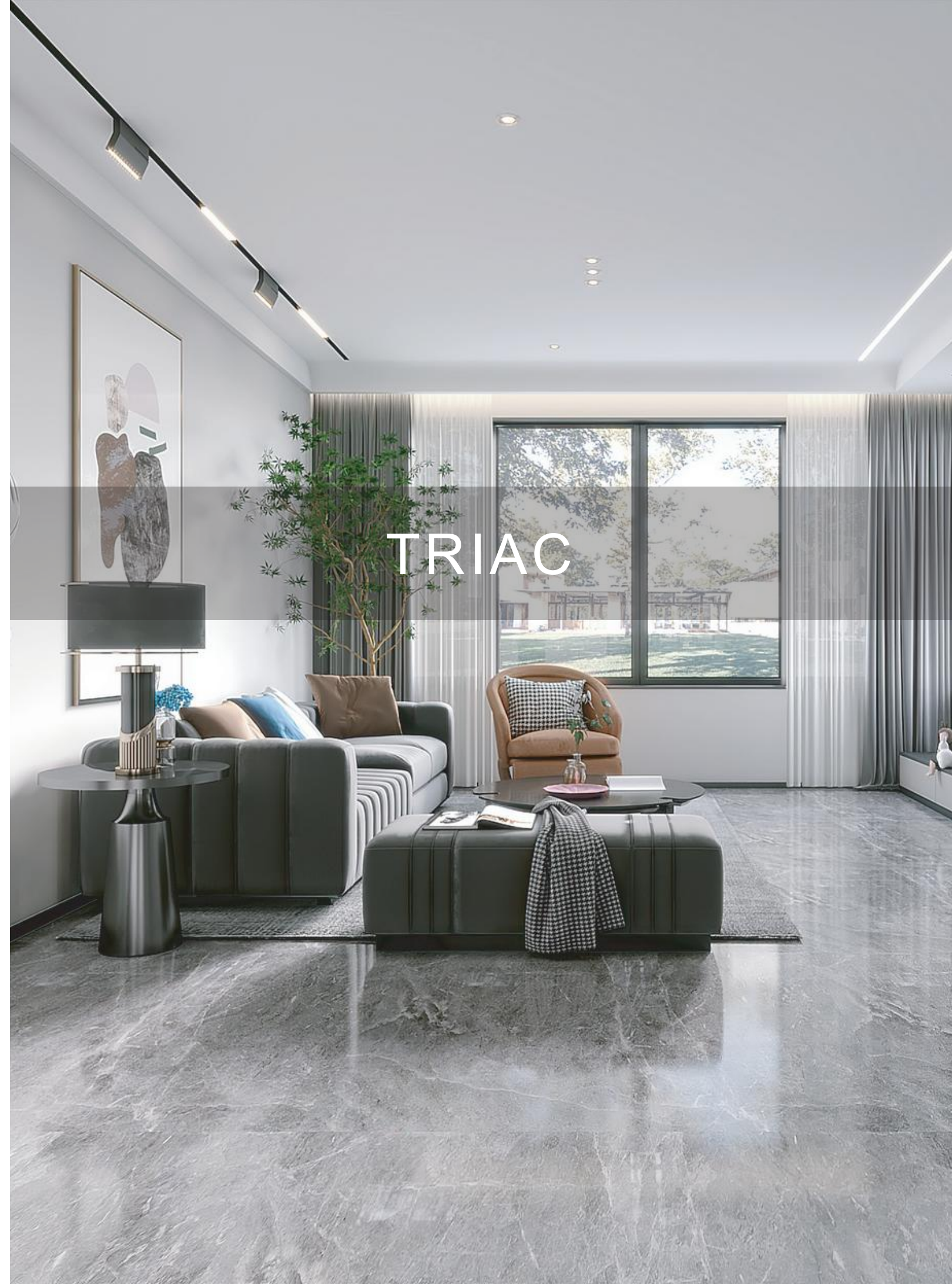
Specification

Item	Parameter
• Operating Voltage	100-277Vac/120-347Vdc
• THD	≤20%
• Ta	-30°C ~ +50°C
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S I/P-GND: 1.6kV 5mA 60S

Dimension



LF-GLD035/045/055YI



TRIAC

Triac Dimmable LED Driver

LF-AATxxx (4-40W)



Feature

- Triac dimmable; supports leading edge dimming and trailing edge dimming
- Compatible with multiple dimmers and dimming systems on the market (e.g. Siemens, Philips, ABB, CHNT, Bull, Honyar, etc.)
- Built-in MCU to set start-up time and fade time
- Constant current output and output current adjustable via a DIP switch
- 0%-100% dimming range; 0.1% dimming depth
- Flicker free
- Suitable for Class II light fixtures



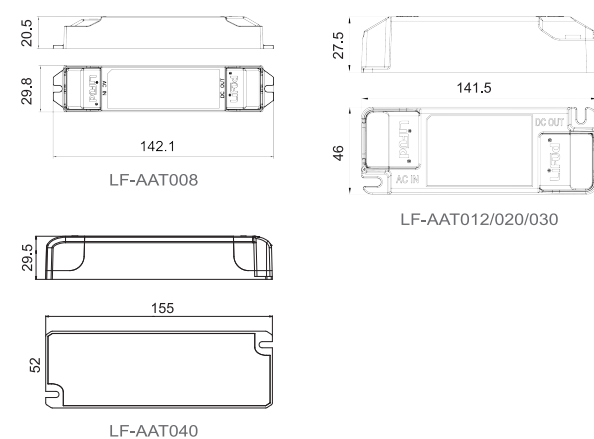
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-AAT008-0700-12	8	2-12	350-700	68%(230Vac)	0.90(230Vac)
LF-AAT008-0350-42	8	9-42	100-350	73%(230Vac)	0.90(230Vac)
LF-AAT012-0400-42	12	9-42	150-400	75%(230Vac)	0.90(230Vac)
LF-AAT020-0500-42	20	9-42	250-500	82%(230Vac)	0.90(230Vac)
LF-AAT030-0750-42	30	9-42	400-750	84%(230Vac)	0.90(230Vac)
LF-AAT040-1050-42	40	9-42	800-1050	83%(230Vac)	0.90(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac; 176-280Vdc
• Operating Voltage Limit	198-253Vac
• THD	<20%
• Ta	-20°C ~ +45°C
• Tc	90°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



Triac Dimmable LED Driver

LF-BATxxx (8-40W)



Feature

- Triac dimmable; supports trailing edge dimming
- Compatible with multiple dimmers and dimming systems on the market (e.g. Schneider, Legrand, Feidiao, Delixi, etc.)
- Ta: 60°C
- Flicker free
- Suitable for Class II light fixtures



Parameter

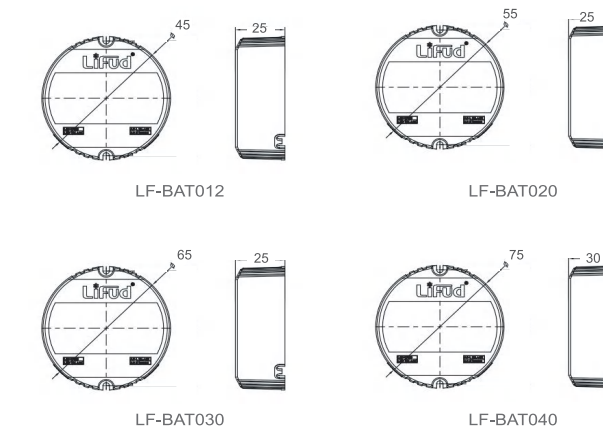
Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-BAT012-xxxx-40	12	25-40	200-300	81%(230Vac)	0.90(230Vac)
LF-BAT020-xxxx-40	20	25-40	350-500	83%(230Vac)	0.90(230Vac)
LF-BAT030-xxxx-xx	30	25-40	600-750	85%(230Vac)	0.90(230Vac)
LF-BAT030-xxxx-xx	30	25-38	800	85.5%(230Vac)	0.90(230Vac)
LF-BAT040-xxxx-xx	40	25-40	850-1050	86%(230Vac)	0.90(230Vac)

LF-BAT040-xxxx-xx is going to be launched in Q4, 2023.

Specification

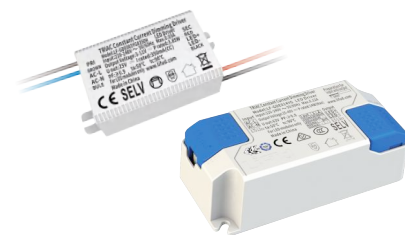
Item	Parameter
• Operating Voltage	220-240Vac; 180-280Vdc
• Operating Voltage Limit	200-264Vac
• THD	≤25%
• Ta	-20°C ~ +60°C
• Tc	86°C
• IP Rating	IP20
• Protection Characteristics	open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



Triac Dimmable LED Driver

LF-GDExxxYG (2-30W)



Feature

- Triac dimmable; supports trailing edge dimming
- Constant current output and output current adjustable via a DIP switch (LF-GDE003YG excluded)
- Flicker-free (LF-GDE003YG excluded)
- Suitable for Class II light fixtures



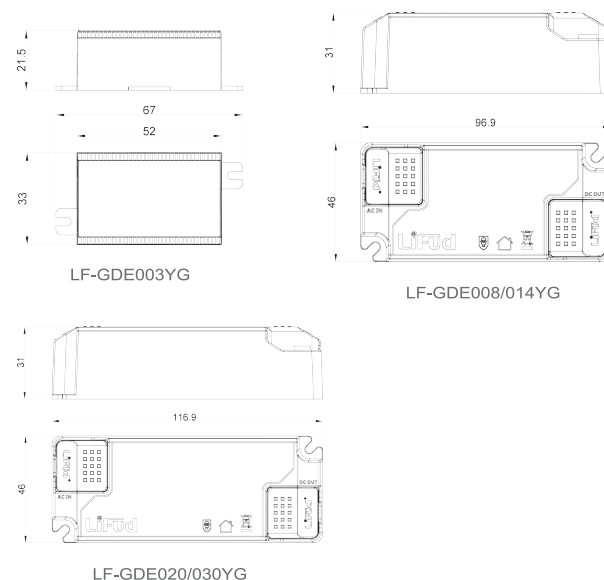
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GDE003YG	3	3-11	150-350	67%(230Vac)	0.90(230Vac)
LF-GDE008YG(H)	8	25-40	135-200	76%(230Vac)	0.90(230Vac)
LF-GDE008YG(L)	8	12-22	300-350	75%(230Vac)	0.90(230Vac)
LF-GDE014YG	14	25-40	200-350	79%(230Vac)	0.90(230Vac)
LF-GDE020YG	20	25-40	400-550	81%(230Vac)	0.90(230Vac)
LF-GDE030YG	30	25-40	550-700	82%(230Vac)	0.90(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac
• Operating Voltage Limit	198-264Vac
• THD	≤20%
• Ta	-30°C ~ +50°C
• Tc	87.4°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



100-120Vac Triac Dimmable LED Driver

LF-GDExxxYD (8-30W)



Feature

- Triac dimmable
- High efficiency up to 83%
- Suitable for Class I light fixtures



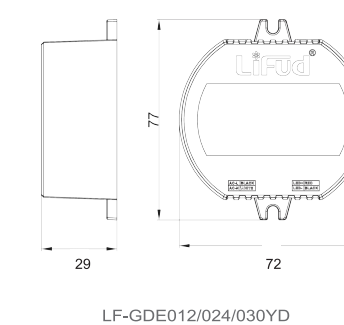
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GDE012YD	12	25-40	200-300	83%(120Vac)	0.90(120Vac)
LF-GDE024YD	24	25-40	350-450	83%(120Vac)	0.90(120Vac)
LF-GDE030YD	30	25-40	650-750	83%(120Vac)	0.90(120Vac)

Specification

Item	Parameter
• Operating Voltage	100-120Vac
• Operating Voltage Limit	100-140Vac
• THD	≤20%
• Ta	-30°C ~ +50°C
• Tc	75°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



ZIGBEE

Zigbee Dimmable LED Driver

LF-AAZxxx (4-40W)



Feature

- Zigbee dimmable
- Complies with the standard of Zigbee 3.0 protocol
- Constant current output and output current adjustable via a DIP switch
- Custom control module selectable
- Flicker free
- Suitable for Class II light fixtures



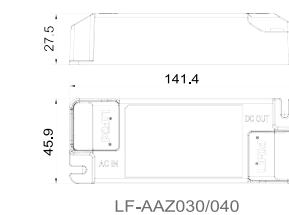
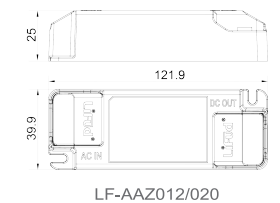
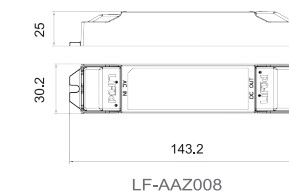
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-AAZ008-0350-42	8	9-42	100-350	81%(230Vac)	0.94(230Vac)
LF-AAZ008-0700-12	8	2-12	350-700	78%(230Vac)	0.91(230Vac)
LF-AAZ012-0400-42	12	20-42	150-400	83.5%(230Vac)	0.93(230Vac)
LF-AAZ020-0500-42	20	20-42	250-500	85%(230Vac)	0.94(230Vac)
LF-AAZ030-0750-42	30	20-42	400-750	87%(230Vac)	0.95(230Vac)
LF-AAZ040-1050-42	40	20-42	750-1050	87%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac
• Operating Voltage Limit	198-264Vac; 180-280Vdc
• THD	<15%
• Ta	-20°C ~ +45°C
• Tc	88.2°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



Zigbee Tunable White LED Driver

LF-ABZxxx (4-50W)



Feature

- Zigbee CCT changeable
- Complies with the standard of Zigbee 3.0 protocol
- Constant current output and output current adjustable via a DIP switch
- Custom control module selectable
- Flicker free
- Suitable for Class II light fixtures



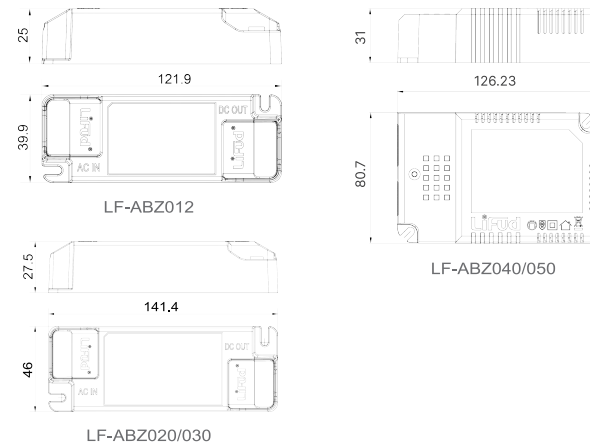
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-ABZ012-0350-42	12	9-42	100-350	82%(230Vac)	0.92(230Vac)
LF-ABZ020-0700-42	20	9-42	350-700	85%(230Vac)	0.93(230Vac)
LF-ABZ030-0750-42	30	9-42	600-750	86.5%(230Vac)	0.94(230Vac)
LF-ABZ040-1050-42	40	20-42	550-1050	87%(230Vac)	0.95(230Vac)
LF-ABZ050-1200-42	50	20-42	900-1200	88.5%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac
• Operating Voltage Limit	198-264Vac; 180-280Vdc
• THD	<15%
• Ta	-20°C ~ +45°C
• Tc	90°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



Bluetooth Dimmable LED Driver

LF-AABxxx (4-40W)



Feature

- Bluetooth dimmable
- Complies with the standard of Bluetooth LE 5.0 protocol
- Built-in MCU to set start-up time and fade time
- Constant current output and output current adjustable via a DIP switch
- Custom control module selectable
- Flicker free
- Suitable for Class II light fixtures



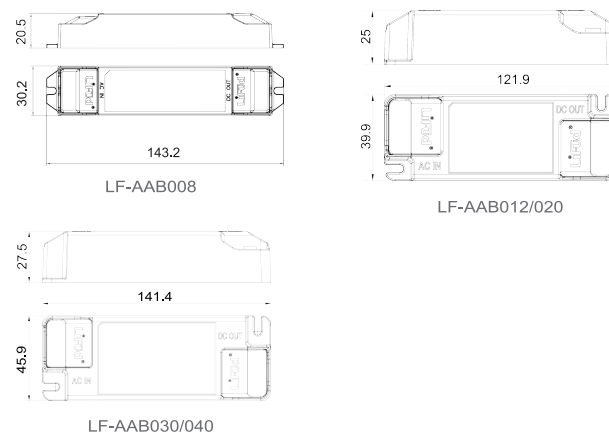
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-AAB008-0700-12	8	2-12	350-700	78%(230Vac)	0.91(230Vac)
LF-AAB008-0350-42	8	9-42	100-350	81%(230Vac)	0.94(230Vac)
LF-AAB012-0400-42	12	20-42	150-400	83.5%(230Vac)	0.93(230Vac)
LF-AAB020-0500-42	20	20-42	250-500	85%(230Vac)	0.94(230Vac)
LF-AAB030-0750-42	30	20-42	400-750	87%(230Vac)	0.95(230Vac)
LF-AAB040-1050-42	40	20-42	750-1050	87%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
Operating Voltage	220-240Vac
Operating Voltage Limit	198-264Vac; 180-280Vdc
THD	<15%
Ta	-20°C ~ +45°C
Tc	88.2°C
IP Rating	IP20
Protection Characteristics	Open circuit, short circuit
Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



Bluetooth Tunable White LED Driver

LF-ABBxxx (4-50W)



Feature

- Bluetooth CCT changeable
- Built-in MCU to set start-up time and fade time
- Complies with the standard of Bluetooth LE 5.0 protocol
- Constant current output and output current adjustable via a DIP switch
- Custom control module selectable
- Flicker free
- Suitable for Class II light fixtures



Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-ABB012-0350-42	12	9-42	100-350	82%(230Vac)	0.92(230Vac)
LF-ABB020-0700-42	20	9-42	350-700	85%(230Vac)	0.93(230Vac)
LF-ABB030-0750-42	30	9-42	600-750	86.5%(230Vac)	0.94(230Vac)
LF-ABB040-1050-42	40	20-42	550-1050	87%(230Vac)	0.95(230Vac)
LF-ABB050-1200-42	50	20-42	900-1200	88.5%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
Operating Voltage	220-240Vac; 180-280Vdc
Operating Voltage Limit	198-264Vac
THD	≤15%
Ta	-20°C ~ +45°C
Tc	90°C
IP Rating	IP20
Protection Characteristics	Open circuit, short circuit
Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

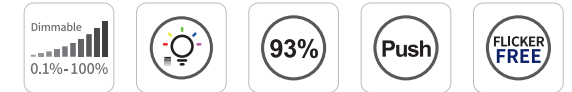
Dimension





Constant Voltage DALI-2 DT8 LED Driver

LF-GSDxxxYV012/024A (75 & 120 & 150W)



Feature

- DALI or PUSH dimmable
- CCT changeable
- 0%-100% dimming range; 0.1% dimming depth
- High efficiency up to 93%
- Flicker free
- Suitable for Class II light fixtures



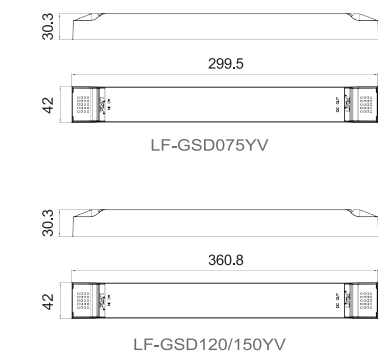
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-GSD075YV024A	75	24	0-3.125	88%(230Vac)	0.95(230Vac)
LF-GSD120YV012A	120	12	0-10	92%(230Vac)	0.95(230Vac)
LF-GSD150YV024A	150	24	0-6.25	93%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac; 282-340Vdc
• Operating Voltage Limit	198-264Vac; 255-373Vdc
• THD	≤10%
• Ta	-30°C ~ +50°C
• Tc	83°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit, over temperature
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



Constant Voltage DALI-2 DT6 LED Driver

LF-GSDxxxYV012/024B (75 & 120 & 150W)



Feature

- DALI or PUSH dimmable
- 0%-100% dimming range; 0.1% dimming depth
- High efficiency up to 93%
- Flicker free
- Suitable for Class II light fixtures



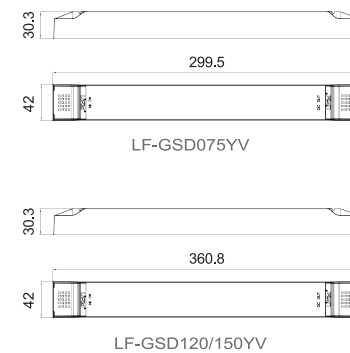
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-GSD075YV024B	75	24	0-3.125	88%(230Vac)	0.95(230Vac)
LF-GSD120YV012B	120	12	0-10	92%(230Vac)	0.95(230Vac)
LF-GSD150YV024B	150	24	0-6.25	93%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac; 282-340Vdc
• Operating Voltage Limit	198-264Vac
• THD	≤10%
• Ta	-20°C ~ +50°C
• Tc	83°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit, over temperature
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



Constant Voltage 5-in-1 Dimming LED Driver

LF-GADxxx (40 & 240W)



Feature

- DALI/PUSH/0-10V/PWM/Rx dimmable
- High efficiency up to 93%
- Smooth dimming
- Flicker free
- 0%-100% dimming range; 0.1% dimming depth



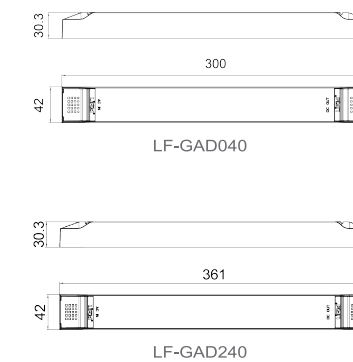
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-GAD040	40	24	0-1.65	88%(230Vac)	0.95(230Vac)
LF-GAD240	240	24	0-10	93%(230Vac)	0.95(230Vac)

Specification

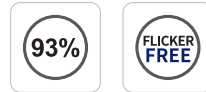
Item	Parameter
• Operating Voltage	220-240Vac; 310-340Vdc
• Operating Voltage Limit	198-264Vac; 280-374Vdc
• THD	≤10%
• Ta	-30°C ~ +50°C
• Tc	90°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



Constant Voltage 3-in-1 Dimming LED Driver

LF-GDExxxYV (75 & 120 & 150W)



Feature

- 0-10/PWM/Rx dimmable
- High efficiency up to 93%
- Flicker free
- Suitable for Class II light fixtures



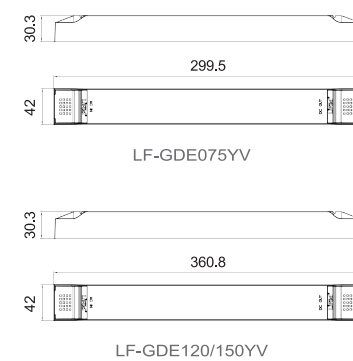
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-GDE075YV024	75	24	0-3.125	88%(230Vac)	0.95(230Vac)
LF-GDE120YV012	120	12	0-10	93%(230Vac)	0.95(230Vac)
LF-GDE150YV024	150	24	0-6.25	93%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac; 282-340Vdc
• Operating Voltage Limit	198-264Vac; 255-373Vdc
• THD	≤10%
• Ta	-20°C ~ +50°C
• Tc	85.5°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit, over temperature
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



Constant Voltage Triac Dimmable LED Driver

LF-GATxxx (75 & 150W)



Feature

- Triac dimmable
- Compatible with leading and trailing edge dimmers
- Flicker free
- Suitable for Class II light fixtures



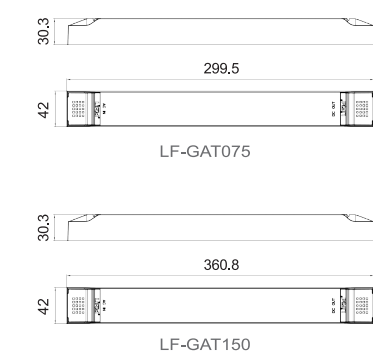
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-GAT075-3125-24	75	24	3.125	88%(230Vac)	0.95(230Vac)
LF-GAT150-6250-24	150	24	6.25	88%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac; 176-280Vdc
• Operating Voltage Limit	198-253Vac
• THD	≤18%
• Ta	-20°C ~ +45°C
• Tc	84°C
• IP Rating	IP20
• Protection Characteristics	Surge, open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



Constant Voltage Zigbee LED Driver

LF-GAZ150A/B (150W)



Feature

- Zigbee dimmable (B) or CCT changeable selectable (A)
- Complies with Zigbee LE 3.0 protocol
- High efficiency up to 92%
- Flicker free; dim to off
- Suitable for Class II light fixtures



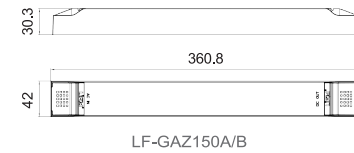
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-GAZ150A6250-24	150	24	0-6.25	92%(230Vac)	0.95(230Vac)
LF-GAZ150B6250-24	150	24	0-6.25	92%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac; 180-280Vdc
• Operating Voltage Limit	198-264Vac
• THD	<10%
• Ta	-20°C ~ +50°C
• Tc	88°C
• IP Rating	IP20
• Protection Characteristics	Over voltage, over, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



Constant Voltage Bluetooth LED Driver

LF-GAB150A/B (150W)



Feature

- Bluetooth dimmable (B) or CCT changeable selectable (A)
- Complies with Bluetooth LE 5.0 protocol
- High efficiency up to 92%
- Flicker free; dim to off
- Suitable for Class II light fixtures



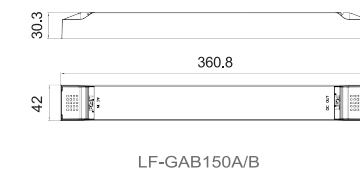
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-GAB150A6250-24	150	24	0-6.25	92%(230Vac)	0.95(230Vac)
LF-GAB150B6250-24	150	24	0-6.25	92%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac; 180-280Vdc
• Operating Voltage Limit	198-264Vac
• THD	<10%
• Ta	-20°C ~ +50°C
• Tc	88°C
• IP Rating	IP20
• Protection Characteristics	Over voltage, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension





EU-STANDARD LED PANEL LIGHT

Non-dimmable LED Driver

LF-GIRxxxYMxxxxH (3-22W)



Feature

- Screw-free end caps make wiring more efficient, which helps to save labor cost
- Suitable for Class II light fixtures



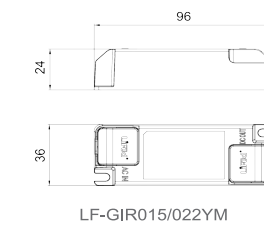
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GIR015YMxxxxH	15	25-40	110-350	83%(230Vac)	0.95(230Vac)
LF-GIR022YMxxxxH	22	25-40	400-550	85%(230Vac)	0.90(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac
• Operating Voltage Limit	180-264Vac
• THD	≤20%
• Ta	-30°C ~ +50°C
• Tc	90°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV <5mA 60S

Dimension



Built-in Track Light LED Driver

LF-GIFxxxYFxxxxH (15-40W)



Feature

- Output current adjustable via a DIP switch (optional)
- High efficiency up to 90.5%
- Ta: 55°C; TC:90°C
- Flicker free
- Suitable for Class II light fixtures (especially designed for split-type LED track light)



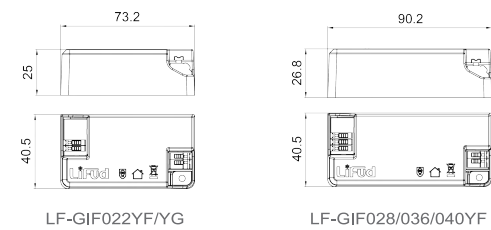
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GIF022YF(xxxxH)	22	30-42	350-500	88%(230Vac)	0.95(230Vac)
LF-GIF028YF(xxxxH)	28	30-42	550-700	90%(230Vac)	0.95(230Vac)
LF-GIF036YF(xxxxH)	36	30-42	750-900	90.5%(230Vac)	0.94(230Vac)
LF-GIF040YF(xxxxH)	40	30-42	950-1000	90%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac
• Operating Voltage Limit	200-264Vac
• THD	≤20%
• Ta	-30°C ~ +50°C
• Tc	87°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



Built-in Track Light LED Driver (the 2nd gen.)

LF-GIFxxxYFIIxxxxH (14-40W)



Feature

- 2 versions:
 - ① full external casing version (pioneer grille hole design for better heat dissipation);
 - ② bare board driver with a fixed bottom casing version
- Ta: 55°C
- Flicker free
- Suitable for Class II light fixtures (especially designed for split-type LED track light)



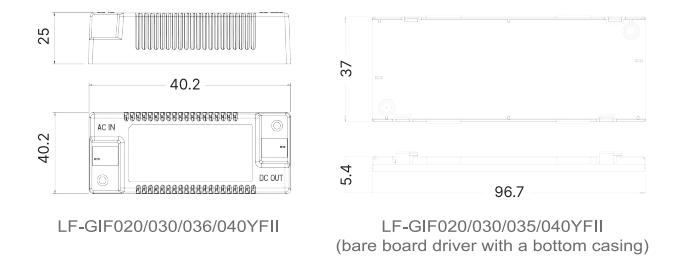
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GIF020YFIIxxxxH	20	30-40	350-500	87%(230Vac)	0.90(230Vac)
LF-GIF030YFIIxxxxH	30	30-40	550-750	87%(230Vac)	0.90(230Vac)
LF-GIF036YFIIxxxxH	36	30-40	800-900	87.5%(230Vac)	0.95(230Vac)
LF-GIF040YFIIxxxxH	40	30-40	950-1050	88%(230Vac)	0.95(230Vac)

Specification

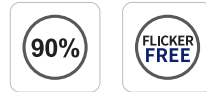
Item	Parameter
• Operating Voltage	220-240Vac
• Operating Voltage Limit	198-264Vac
• Ta	-30°C ~ +55°C
• Tc	82.7°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



High-efficiency Panel Light LED Driver

LF-GIFxxxYAllxxxxH (22-60W)



Feature

- High efficiency up to 90%
- Flicker free
- Suitable for Class II light fixtures



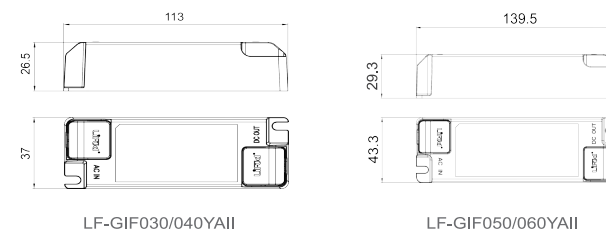
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GIF030YAllxxxxH	30	33-40	550-800	90%(230Vac)	0.95(230Vac)
LF-GIF040YAllxxxxH	40	33-40	850-1000	90%(230Vac)	0.95(230Vac)
LF-GIF040YAllxxxxH	40	33-38	1050	90%(230Vac)	0.95(230Vac)
LF-GIF040YAll(H)xxxxH	40	35-42	900-1000	90%(230Vac)	0.95(230Vac)
LF-GIF040YAll(D)xxxxH	40	33-40	1050	90%(230Vac)	0.95(230Vac)
LF-GIF050YAllxxxxH	50	33-40	1100-1300	90%(230Vac)	0.95(230Vac)
LF-GIF060YAllxxxxH	60	33-40	1350-1550	90%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac
• Operating Voltage Limit	180-264Vac
• THD	≤15%
• Ta	-30°C ~ +45°C
• Tc	85°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



Flicker-free Panel Light LED Driver

LF-GIFxxxYSxxxxH (22-60W)



Feature

- Flicker free
- Suitable for Class II light fixtures



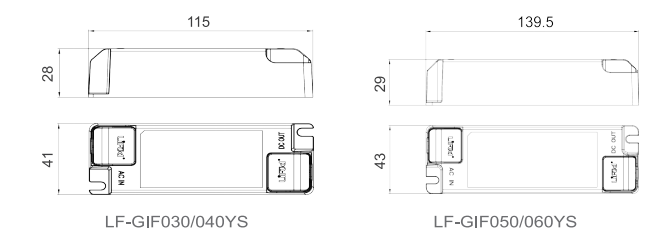
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GIF030YSxxxxH	30	25-38/33-40	550-750	87%(230Vac)	0.90(230Vac)
LF-GIF030YS(D)xxxxH	30	25-42	550-750	87%(230Vac)	0.90(230Vac)
LF-GIF040YSxxxxH	40	25-38/33-40	800-1050	88%(230Vac)	0.95(230Vac)
LF-GIF040YS(D)xxxxH	40	25-42	800-1050	88%(230Vac)	0.95(230Vac)
LF-GIF040YS(H)xxxxH	40	33-42	800-1000	88%(230Vac)	0.95(230Vac)
LF-GIF050YSxxxxH	50	30-40	1100-1300	89%(230Vac)	0.95(230Vac)
LF-GIF060YSxxxxH	60	30-40	1350-1550	89%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac
• Operating Voltage Limit	198-264Vac
• THD	≤20%
• Ta	-30°C ~ +50°C
• Tc	89°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension





EU-STANDARD LED DOWN LIGHT / SPOT LIGHT
/ TRACK LIGHT / WALL LIGHT

Mini LED Driver

LF-GIRxxxYS/YS(B)xxxxH/H(D) (1-8W)



Feature

- Compact size; min. oblique diameter: 2.435cm
- Flicker free
- Suitable for Class II light fixtures



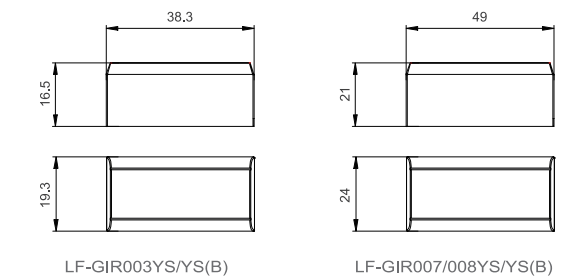
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GIR003YS/YS(B)xxxxH	3	2-4	300-700	65%(230Vac)	0.43(230Vac)
LF-GIR003YS/YS(B)xxxxH(D)	3	5-10	300	70%(230Vac)	0.40(230Vac)
LF-GIR007YS/YS(B)xxxxH	7	5-10	350-700	74%(230Vac)	0.45(230Vac)
LF-GIR007YS/YS(B)xxxxH	7	30-40	70-180	81%(230Vac)	0.47(230Vac)
LF-GIR008YS/YS(B)xxxxH	8	2-4	1200-1800	71%(230Vac)	0.45(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac, 280-340Vdc
• Operating Voltage Limit	198-264Vac
• Ta	-20°C ~ +50°C
• Tc	78°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV <5mA 60S

Dimension



Mini LED Driver (the 2nd gen.)

LF-GIRxxxYSIIxxxxH/H(D) (1-7W)



Feature

- Compact size; min. oblique diameter \approx 2.5cm
- Moistureproof semi-glue filling design (optional)
- Equipped with terminals for convenient wiring
- Flicker free
- Suitable for Class II light fixtures



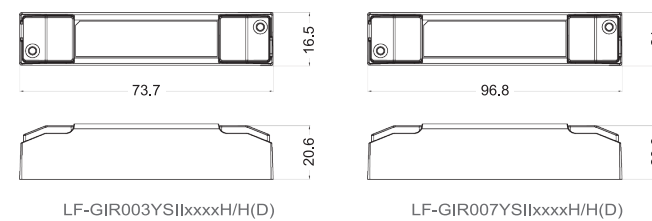
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	DF(full load)
LF-GIR003YSIIxxxxH	3	2-4	300-700	65%(230Vac)	0.5(230Vac)
LF-GIR003YSIIxxxxH(D)	3	5-10	300	70%(230Vac)	0.5(230Vac)
LF-GIR007YSIIxxxxH	7	30-40	70-180	80%(230Vac)	0.5(230Vac)
LF-GIR007YSIIxxxxH(D)	7	5-10	350-700	76%(230Vac)	0.5(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac
• Operating Voltage Limit	198-264Vac
• Ta	-20°C ~ +50°C
• Tc	79°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV <5mA 60S

Dimension



Flicker-free LED Driver

LF-GIRxxxYSxxxxH (4-24W)



Feature

- Flicker free
- Screw-free end caps make wiring more efficient, which helps to save labor cost
- Suitable for Class II light fixtures



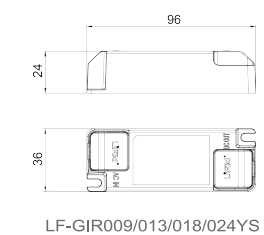
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GIR009YSxxxxH	9	25-42	135/160/180/200	79%(230Vac)	0.50(230Vac)
LF-GIR009YS0250H	9	25-36	250	79%(230Vac)	0.50(230Vac)
LF-GIR009YSxxxxH	9	14-24	300/350	79%(230Vac)	0.50(230Vac)
LF-GIR009YSxxxxH(L)	9	8-13	500/600/700	79%(230Vac)	0.50(230Vac)
LF-GIR013YSxxxxH(G4)	13	25-42	250/300	83%(230Vac)	0.50(230Vac)
LF-GIR013YS0350H(G4)	13	25-38	350	83%(230Vac)	0.50(230Vac)
LF-GIR013YSxxxxH(G4)	13	14-24	500/550	83%(230Vac)	0.50(230Vac)
LF-GIR013YS0600H(G4)	13	14-22	600	83%(230Vac)	0.50(230Vac)
LF-GIR018YSxxxxH(G2)	18	25-42	300/350/400/450	86%(230Vac)	/
LF-GIR024YSxxxxH(G3)	24	25-42	400/450/500/550	87%(230Vac)	0.50(230Vac)
LF-GIR024YS0600H(G3)	24	25-39	600	87%(230Vac)	0.50(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac
• Operating Voltage Limit	198-264Vac
• Ta	-30°C ~ +50°C
• Tc	80°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV <5mA 60S

Dimension



Flicker-free LED Driver

LF-GIFxxxYAxxxxH (4-22W)



Feature

- Flicker free
- Suitable for Class II light fixtures



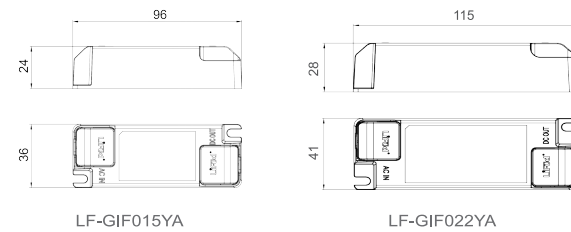
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GIF015YAxxxxH(G3)	15	25-40	100-350	83%(230Vac)	0.90(230Vac)
LF-GIF015YA0350H(G3)	15	23-34	350	83%(230Vac)	0.90(230Vac)
LF-GIF015YAxxxxH(G4)	15	25-40	100-350	86%(230Vac)	0.90(230Vac)
LF-GIF022YAxxxxH(G2)	22	25-40	400-500	85%(230Vac)	0.90(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac
• Operating Voltage Limit	180-264Vac
• Ta	-30°C ~ +50°C
• Tc	82°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



Ta 70°C Built-in Track Light LED Driver

LF-GICxxxYSIIxxxxH (8-40W)



Feature

- Ta: 70°C
- Compact size
- High efficiency up to 90%
- Flicker free
- Suitable for Class I & II light fixtures



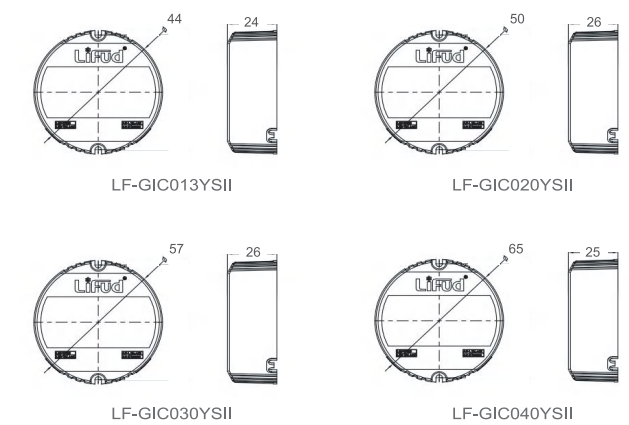
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GIC013YSIIxxxxH	13	27-40	200-350	85%(230Vac)	/
LF-GIC020YSIIxxxxH	20	33-40	400-550	88%(230Vac)	0.90(230Vac)
LF-GIC030YSIIxxxxH	30	30-40	600-750	90%(230Vac)	0.90(230Vac)
LF-GIC040YSIIxxxxH	40	33-40	800-1000	90%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac
• Operating Voltage Limit	200-264Vac
• THD	≤20% (013YSII excluded)
• Ta	-20°C ~ +70°C
• Tc	95°C
• IP Rating	IP40
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV <5mA 60S

Dimension





EU-STANDARD LED LINEAR LIGHT / TRI-PROOF LIGHT

Non-isolated Flicker-free LED Driver

LF-FMRxxxYS(xxxxH) (11-80W)



Feature

- High efficiency up to 93%
- Constant current output and output current adjustable via a DIP switch (optional)
- Flicker free
- Suitable for Class I light fixtures (especially designed for EL certified emergency light)



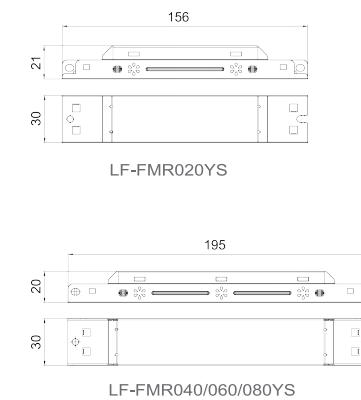
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-FMR020YS(xxxxH)(G2)	20	25-57	200-350	85%(230Vac)	0.90(230Vac)
LF-FMR040YS(xxxxH)(G3)	40	58-114	200-350	90%(230Vac)	0.90(230Vac)
LF-FMR060YS(xxxxH)(G3)	60	115-172	200-350	91%(230Vac)	0.90(230Vac)
LF-FMR080YS(xxxxH)	80	170-230	200-350	93%(230Vac)	0.95(230Vac)
LF-FMR080YS(H)	80	90-200	375-550/350-550	93%(230Vac)	0.95(230Vac)

Specification

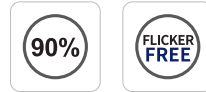
Item	Parameter
• Operating Voltage	220-240Vac;180-264Vdc
• Operating Voltage Limit	198-264Vac
• THD	≤20%
• Ta	-30°C ~ +50°C
• Tc	75°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-FG: 1.5/1.6kV 5mA 60S

Dimension



Non-dimmable Flicker-free LED Driver

LF-GMRxxxYSIIxxxxH (8-80W)



Feature

- High efficiency up to 90%
- Flicker free
- Suitable for Class I light fixtures



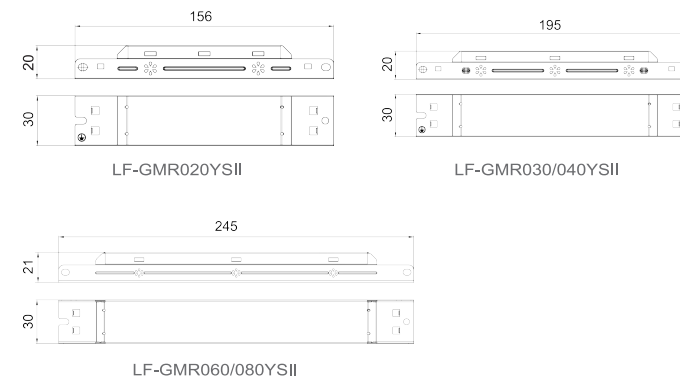
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GMR020YSIIxxxxH(G3)	20	34-42	200-500	86%(230Vac)	0.90(230Vac)
LF-GMR030YSIIxxxxH(G3)	30	34-42	600-750	87%(230Vac)	0.90(230Vac)
LF-GMR040YSIIxxxxH(G3)	40	34-42	800-1050	88%(230Vac)	0.90(230Vac)
LF-GMR060YSIIxxxxH	60	34-42	1100-1550	90%(230Vac)	0.94(230Vac)
LF-GMR080YSIIxxxxH	80	34-42	1600-2000	89%(230Vac)	0.94(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac
• Operating Voltage Limit	198-264Vac
• THD	≤20%
• Ta	-30°C ~ +50°C
• Tc	83°C
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S I/P-FG: 1.5kV 5mA 60S O/P-FG: 0.5kV 5mA 60S

Dimension



Non-dimmable LED Driver

LF-GMRxxxYEIIxxxxH(U) (8-60W)



Feature

- High efficiency up to 88%
- Suitable for Class I light fixtures



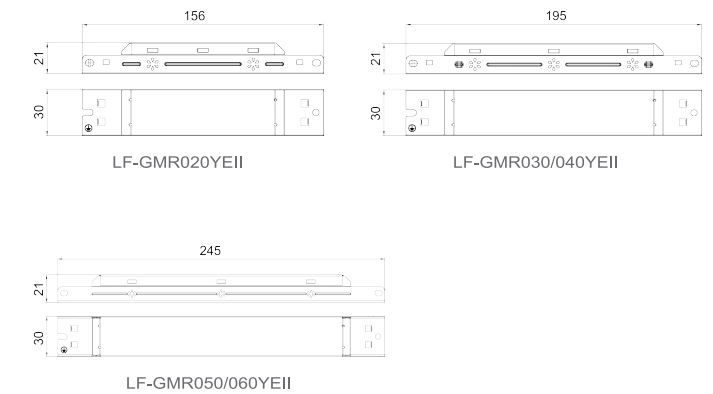
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GMR020YEIIxxxxH(U)	20	27-40	200-500	87%(230Vac)	0.95(230Vac)
LF-GMR030YEIIxxxxH(U)	30	27-40	550-750	88%(230Vac)	0.95(230Vac)
LF-GMR040YEIIxxxxH(U)	40	27-40	800-1000	88%(230Vac)	0.95(230Vac)
LF-GMR050YEIIxxxxH(U)	50	27-40	1000-1250	88%(230Vac)	0.95(230Vac)
LF-GMR060YEIIxxxxH(U)	60	27-40	1300-1500	88%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	220-240Vac
• Operating Voltage Limit	198-264Vac
• THD	≤20%
• Ta	-30°C ~ +50°C
• Tc	90°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S I/P-FG: 1.5kV 5mA 60S O/P-FG: 0.5kV 5mA 60S

Dimension





US-STANDARD LED PANEL LIGHT / GRILLE LIGHT

Non-dimmable LED Driver

LF-GIRxxxYK (15-50W)



Feature

- High efficiency up to 88%
- Suitable for Class II light fixtures



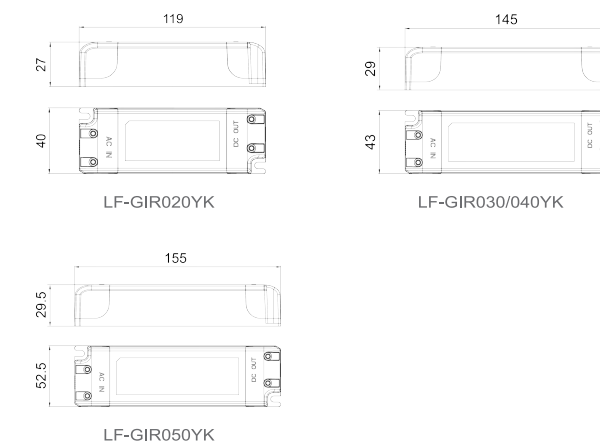
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GIR020YK	20	27-42	350-500	86%(230Vac)	0.92(230Vac)
LF-GIR030YK	30	27-42	550-750	88%(230Vac)	0.95(230Vac)
LF-GIR040YK	40	27-42	800-1000	89%(230Vac)	0.96(230Vac)
LF-GIR050YK	50	27-42	1200-1300	88%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	100-240Vac, 277Vac
• Operating Voltage Limit	90-305Vac
• THD	≤18%
• Ta	-30°C ~ +50°C
• Tc	75°C
• IP Rating	IP20
• Protection Characteristics	No load, open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



Flicker-free LED Driver

LF-GIFxxxYC (24-40W)



Feature

- High efficiency up to 88%
- Flicker free
- Suitable for Class I and II light fixtures



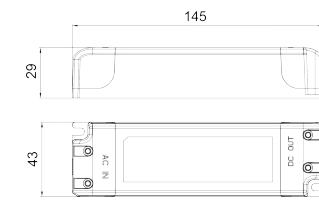
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)	PF(full load)
LF-GIF030YC	30	27-40	600-750	88%(230Vac)	0.95(230Vac)
LF-GIF040YC	40	27-40	900-1050	88%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	100-240Vac, 277Vac
• THD	≤18%
• Ta	-30°C ~ +50°C
• Tc	75°C
• IP Rating	IP20
• Protection Characteristics	Open circuit, short circuit
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



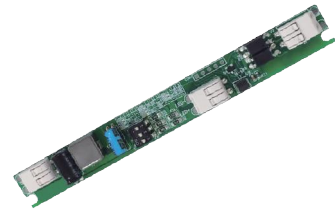
LF-GIF030/040YC



MAGNETIC LIGHT

Magnetic Light LED Driver

LF-BAXxxx (4-30W)



Feature

- Various dimming modes selectable: DALI/0-10V/Triac/Zigbee/non-dimmable
- Constant current output and output current adjustable via a DIP switch
- Flicker free
- Especially designed for magnetic light



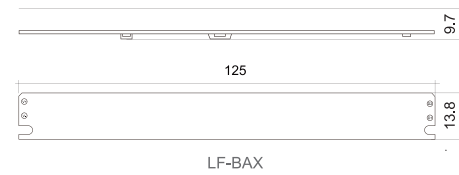
Parameter

Model	Dimming Mode	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Efficiency(full load)
LF-BAA016-0400-42	0-10V/PWM/Rx	16.8	9-42	100-400	91%(230Vac)
LF-BAA028-0700-42	0-10V/PWM/Rx	29.8	9-42	350-700	92%(230Vac)
LF-BAT016-0400-42	Triac	16.8	9-42	100-400	91%(230Vac)
LF-BAT028-0700-42	Triac	29.8	9-42	350-700	92%(230Vac)
LF-BAD016-0400-42B	DALI DT6	16.8	9-42	100-400	90%(230Vac)
LF-BAD028-0700-42B	DALI DT6	29.8	9-42	350-700	93%(230Vac)
LF-BAD016-0400-42A	DALI DT8	16.8	9-42	100-400	90%(230Vac)
LF-BAD028-0700-42A	DALI DT8	29.8	9-42	350-700	93%(230Vac)
LF-BAZ016-0400-42	Zigbee	16.8	9-42	100-400	90%(230Vac)
LF-BAZ028-0700-42	Zigbee	29.8	9-42	350-700	93%(230Vac)
LF-BAN016-0400-42	Non-dimmable	16.8	9-42	100-400	91%(230Vac)
LF-BAN028-0700-42	Non-dimmable	29.8	9-42	350-700	92%(230Vac)

Specification

Item	Parameter
• Output Voltage	9-42V
• Ta	-20°C ~ +60°C
• Protection Characteristics	Short circuit, over load, no load, anti-reverse connection

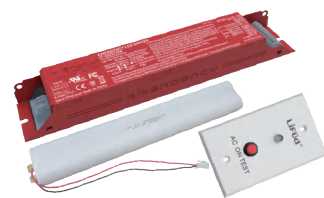
Dimension



EMERGENCY KIT

Emergency Kit (independent battery version)

LF-GSP012YH (5/7/10/12W)



Feature

- Constant power output and output power adjustable via a DIP switch
- Constant power delivered for different LED loads
- Flicker free
- Independent battery
- Installed inside the light fixture



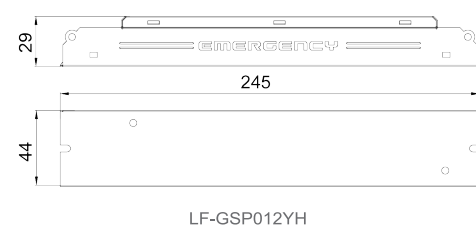
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Spec of Battery
LF-GSP012YH	12	25-48	≤500	Ni-Cd 14.4V 28.8WH

Specification

Item	Parameter
• Operating Voltage	100-277Vac
• Output Current	≤500mA
• Ta	0 ~ 50°C
• Protection Characteristics	Open circuit, short circuit

Dimension



Emergency Kit (built-in battery version)

LF-GSPxxxYG (5/7/10/12W)



Feature

- Constant power output and output power adjustable via a DIP switch
- Constant power delivered for different LED loads
- Flicker free
- Built-in battery
- Installed outside the light fixture



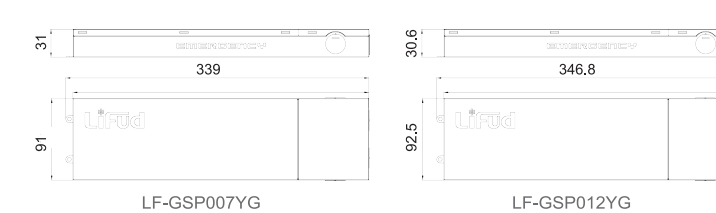
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(mA)	Specs of battery
LF-GSP007YG	7	25-48	≤300	Ni-Cd 14.4V 1200mAH
LF-GSP012YG	12	25-48	≤500	Ni-Cd 14.4V 28.8WH

Specification

Item	Parameter
• Operating Voltage	100-277Vac
• Emergency Current	≤300mA
• Ta	0 ~ 50°C
• Protection Characteristics	Open circuit, short circuit

Dimension





INDUSTRIAL LIGHTING

Current + Power + CCT Adjustable Highbay Driver

LF-FHBxxxYA/YB/YCIV 5 (84-240W)



Feature

- 3 versions selectable: non-dimmable (YB), 0-10V/PWM/Rx dimming (YC) & 0-10V/PWM/Rx dimming + 12 AUX output (YA)
- High efficiency up to 96%
- Output current adjusted via a DIP switch and fine-tuned via a potentiometer
- CCT adjustable via a DIP switch (optional)
- Dim to off without afterglow (optional and for YA series only)
- IP65; flicker free
- Surge protection: L-N: 6kV; L/N-GND: 6kV
- Especially designed for circular highbay light



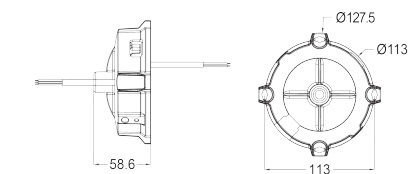
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-FHB120YA/YB/YCIV 5	120	180-260	0.30-0.50	95%(230Vac)	0.95(230Vac)
LF-FHB150YA/YB/YCIV 5	150	180-260	0.37-0.75	95.3%(230Vac)	0.95(230Vac)
LF-FHB200YA/YB/YCIV 5	200	180-260	0.5-0.9	96%(230Vac)	0.95(230Vac)
LF-FHB240YA/YB/YCIV 5	240	180-260	0.6-1.1	96%(230Vac)	0.95(230Vac)

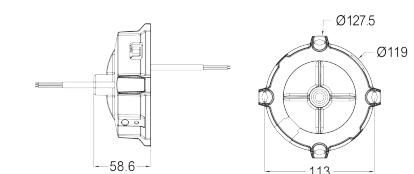
Specification

Item	Parameter
• Operating Voltage	100-240/120-277Vac; 141-276Vdc
• THD	≤15%
• Ta	-40 ~ +90°C
• Tc	88°C
• IP Rating	IP65
• Protection Characteristics	Surge, open circuit, short circuit
• Withstanding Voltage	L-N/PG: 1.5kVac <5mA 60S L-N/DIM: 3kVac <5mA 60S DIM/PG: 500Vac <5mA 60S

Dimension



LF-FHB120/150YA/B/CIV 5



LF-FHB200/240YA/B/CIV 5



Non-isolated 3-in-1 Dimming Highbay Driver

LF-FHBxxxYX/BXIV (56-240W)



Feature

- 3 versions selectable: non-dimmable (YB), 0-10V/PWM/Rx dimming (YC) & 0-10V/PWM/Rx dimming + 12 AUX output (YA)
- High efficiency up to 95%
- Output current adjustable via a DIP switch or a potentiometer
- Dim to off without afterglow (optional)
- IP65; flicker free
- Surge protection: L-N: 4kV/6kV (optional); L/N-GND: 6kV
- Especially designed for circular highbay light



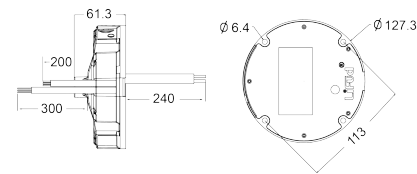
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-FHB080YD/YE/YJ/BD/BE/BJIV	80	180-260	0.20-0.35	94%(230Vac)	0.95(230Vac)
LF-FHB120YD/YE/YJ/BD/BE/BJIV	120	180-260	0.30-0.50	94.5%(230Vac)	0.95(230Vac)
LF-FHB150YD/YE/YJ/BD/BE/BJIV	150	180-260	0.50-0.75	94.5%(230Vac)	0.95(230Vac)
LF-FHB200YD/YE/YJ/BD/BE/BJIV	200	180-260	0.65-0.9	95%(230Vac)	0.95(230Vac)
LF-FHB240YD/YE/YJ/BD/BE/BJIV	240	180-260	0.75-1.1	95%(230Vac)	0.95(230Vac)
LF-FHB100YA/YB/YC/BA/BB/BCIV	100	180-260	0.25-0.40	94.5%(230Vac)	0.95(230Vac)
LF-FHB120YA/YB/YC/BA/BB/BCIV	120	180-260	0.30-0.50	94.5%(230Vac)	0.95(230Vac)
LF-FHB150YA/YB/YC/BA/BB/BCIV	150	180-260	0.50-0.75	94.5%(230Vac)	0.95(230Vac)
LF-FHB200YA/YB/YC/BA/BB/BCIV	200	180-260	0.65-0.9	95%(230Vac)	0.95(230Vac)
LF-FHB240YA/YB/YC/BA/BB/BCIV	240	180-260	0.75-1.1	95%(230Vac)	0.95(230Vac)

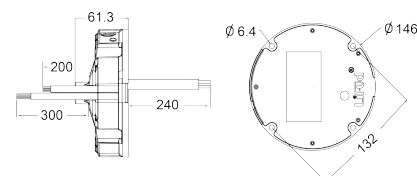
Specification

Item	Parameter
• Operating Voltage	100-277Vac; 141-276Vdc 220-240Vac; 176-276Vdc
• Operating Voltage Limit	90-305Vac; 176-305Vdc
• THD	≤15%
• Ta	-40°C~ +60°C
• Tc	82°C
• IP Rating	IP65
• Protection Characteristics	Surge, Open circuit, short circuit
• Withstanding Voltage	L-N/PG: 1.5kV <5mA 60S L-N/DIM: 1.6kV <5mA 60S DIM/PG: 500Vac <5mA 60S

Dimension



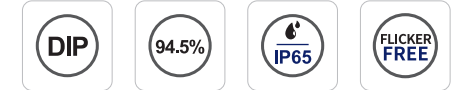
LF-FHB100/120/150/200YA/YB/YC/BA/BB/BCIV
LF-FHB080/120/150/200YD/YE/YJ/BD/BE/BJIV



LF-FHB200/240YA/YB/YC/BA/BB/BCIV
LF-FHB240YD/YE/YJ/BD/BE/BJIV

Non-isolated DALI DT6 Highbay Driver

LF-FHBxxxYK/BK (84-240W)



Feature

- DALI dimmable; flicker free; IP65
- High efficiency up to 94.5%
- Output current adjustable via a DIP switch or a potentiometer
- Dim to off without afterglow
- IP65; flicker free
- Surge protection: L-N: 6kV; L/N-GND: 6kV
- Especially designed for circular highbay light



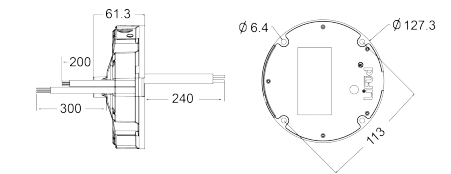
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-FHB120YK/BK	120	180-260	0.25-0.50	94%(230Vac)	0.95(230Vac)
LF-FHB150YK/BK	150	180-260	0.50-0.75	94.5%(230Vac)	0.95(230Vac)
LF-FHB200YK/BK	200	180-260	0.65-0.9	94.5%(230Vac)	0.95(30Vac)
LF-FHB240YK/BK	240	180-260	0.75-1.1	94.5%(230Vac)	0.95(230Vac)

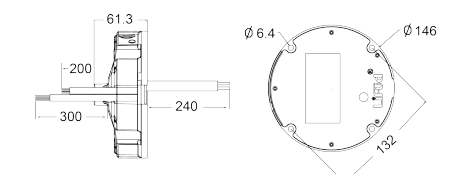
Specification

Item	Parameter
• Operating Voltage	100-277Vac; 141-276Vdc
• Operating Voltage Limit	90-305Vac
• THD	≤15%
• Ta	-40°C~ +60°C
• Tc	83°C
• IP Rating	IP65
• Protection Characteristics	Surge, open circuit, short circuit
• Withstanding Voltage	L-N/PG: 1.5kV <5mA 60S L-N/DALI: 3kV <5mA 60S DALI/PG: 500Vac <5mA 60S

Dimension



LF-FHB120/150YK/BK



LF-FHB200/240YK/BK



120-347Vac Power + CCT Adjustable Highbay Driver

LF-HBA/HBCxxx (84-240W)



Feature

- 2 versions selectable: 0-10V/PWM/Rx dimming & 0-10V/PWM/Rx dimming + 12 AUX output
- High efficiency up to 95%
- Output current adjusted via a DIP switch and fine-tuned via a potentiometer
- CCT adjustable via a DIP switch (optional)
- Dim to off without afterglow (optional and for HBA series only)
- IP65; flicker free
- Surge protection: L-N: 6kV; L/N-GND: 6kV
- Especially designed for circular highbay light



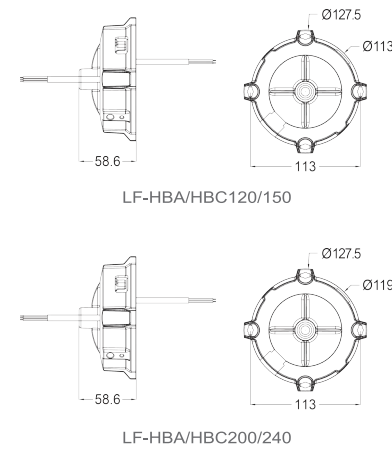
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-HBA/HBC120	120	180-260	0.25-0.5	94.5%(347Vac)	0.90(347Vac)
LF-HBA/HBC150	150	180-260	0.37-0.75	94.5%(347Vac)	0.90(347Vac)
LF-HBA/HBC200	200	180-260	0.50-0.9	95%(347Vac)	0.90(347Vac)
LF-HBA/HBC240	240	180-260	0.6-1.1	95%(347Vac)	0.90(347Vac)

Specification

Item	Parameter
• Operating Voltage	120-347Vac; 141-400Vdc
• THD	≤20%
• Ta	-40 ~ +50°C
• Tc	85°C
• IP Rating	IP65
• Protection Characteristics	Surge, open circuit, short circuit
• Withstanding Voltage	L-N/PG: 1.5kVac <5mA 60S L-N/DIM: 3kVac <5mA 60S DIM/PG: 500Vac <5mA 60S

Dimension



DALI to 0-10V/PWM Signal Converter

LF-SCD010B/C



Feature

- 0-10V/PWM dimming signal output; IP67
- Synchronous dimming: up to 10 drivers
- DALI or PUSH dimmable; dim to off
- 10%-100% dimming range



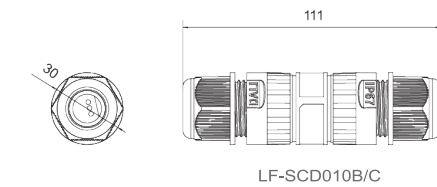
Parameter

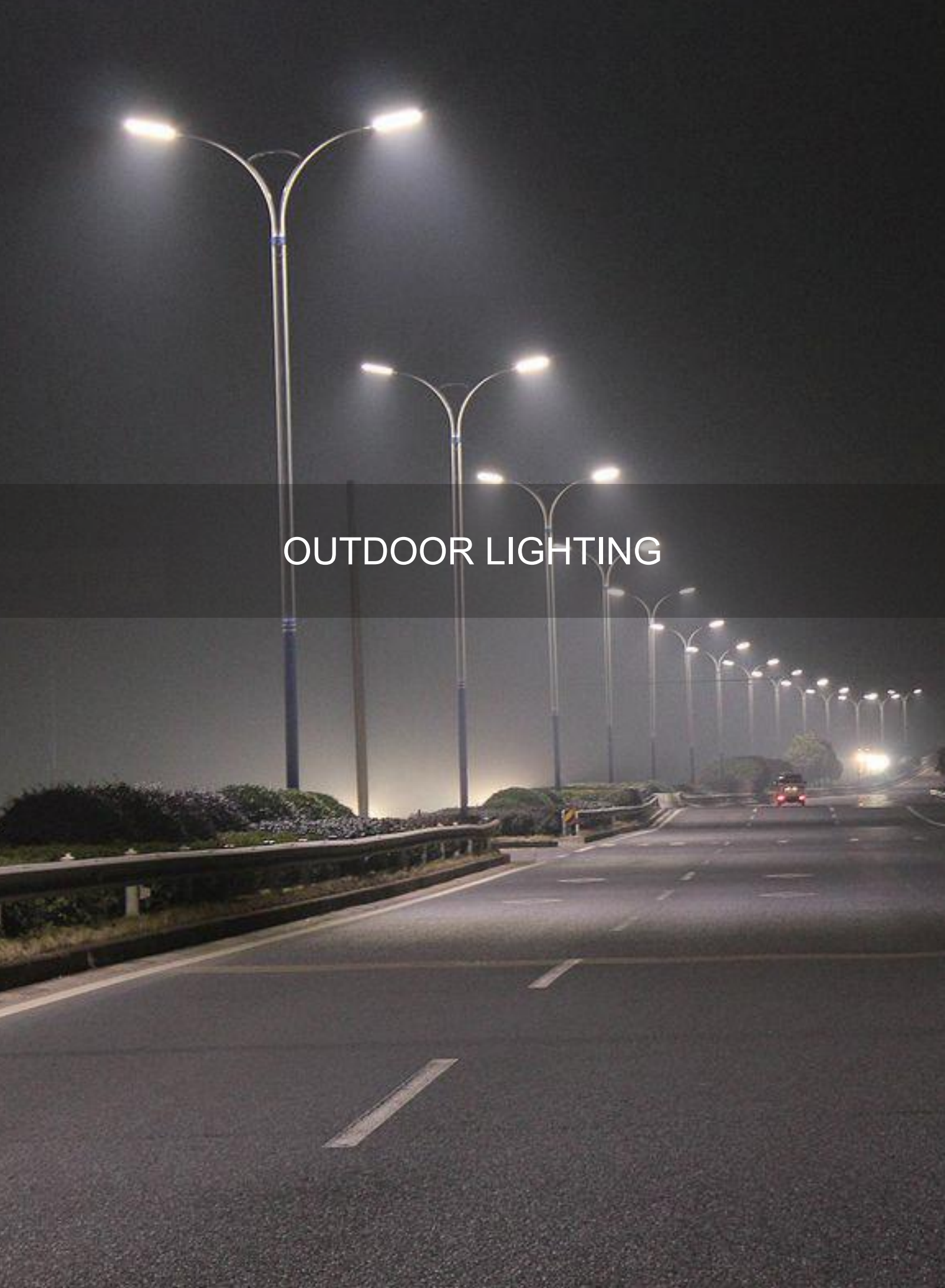
Model	Input Voltage(Vdc)	Output Voltage(Vdc)	Input Current(mA)	Output Current(mA)	Output Source Current(mA)
LF-SCD010B	11-13	0-10	≤50	4	25
LF-SCD010C	10-22.5	10	≤5	0	5

Specification

Item	Parameter
• Operating Temperature	-30°C~+60°C
• Operating Humidity	20-90%RH (no condensation)
• IP Rating	IP67
• 0-10V Tolerance	±5%
• Start-up Time	<1S@12/16Vdc
• DALI Standard	IEC 62386-101, 102, 103, 107

Dimension





OUTDOOR LIGHTING

IP40 Non-isolated LED Driver

LF-FXXxxx (40-80W)



Feature

- More versions selectable: non-dimmable, 0-10V/PWM/Rx dimming, 0-10V/PWM/Rx dimming + 12 AUX output, etc.
- High efficiency up to 92%
- Residual voltage <2kV to protect LEDs
- IP40; flicker free
- Surge protection: L-N: 4kV; L/N-GND: 6kV



Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-FXX040	40	80-130	0.2-0.4	90%(277Vac)	0.90(277Vac)
LF-FXX060	60	80-130	0.35-0.6	91%(277Vac)	0.90(277Vac)
LF-FXX080	80	80-130	0.55-0.8	92%(277Vac)	0.90(277Vac)

This driver is going to be launched in Q3, 2023.

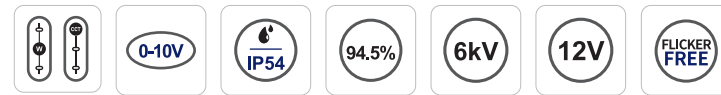
Specification

Item	Parameter
• Operating Voltage	100-277Vac
• Operating Voltage Limit	90-305Vdc
• THD	≤15%
• Ta	-40 ~ +50°C
• Tc	90°C
• IP Rating	IP40
• Protection Characteristics	Surge, open circuit, short circuit
• Withstanding Voltage	L/N-PE: 1.6kV 5mA 60S L/N-DIM: 3000Vac 5mA 60S



IP54 Non-isolated LED Driver

LF-FAX/BXxxx (70-320W)



Feature

L F - F A/B A/B/C

A: 3-in-1 dimming + optional 12V AUX output
B: non-dimmable
C: 3-in-1 dimming + light sensor

Product series number
A: flicker free (100/150/200/240/320W)
B: flicker (100/150W)

Non-isolated design



- 3 versions selectable: non-dimmable, 3-in-1 dimming, 3-in-1 dimming + optional 12 AUX output
- High efficiency up to 94.5%
- Output current adjustable via a potentiometer
- Residual voltage <2kV to protect LEDs
- IP54; flicker free
- All-aluminum casing design with faster heat-transfer rate to ensure the lifetime of LED driver

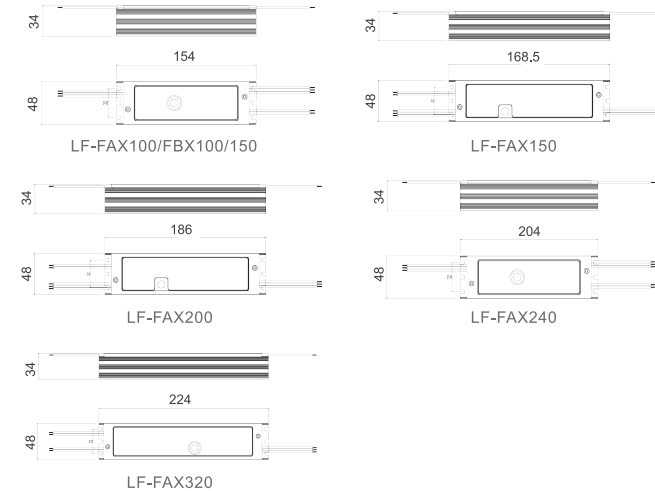
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-FBA/BB/BC100	100	90-130	0.65-0.90	93%(230Vac)	0.95(230Vac)
LF-FBA/BB/BC150	150	90-130	0.90-1.25	93%(230Vac)	0.95(230Vac)
LF-FAA/AB/AC100	100	180-260	0.25-0.5	93%(230Vac)	0.95(230Vac)
LF-FAA/AB/AC150	150	180-260	0.5-0.75	93%(230Vac)	0.95(230Vac)
LF-FAA/AB/AC200	200	180-260	0.65-0.90	94.5%(230Vac)	0.95(230Vac)
LF-FAA/AB/AC240	240	180-260	0.75-1.1	94.5%(230Vac)	0.95(230Vac)
LF-FAA/AB/AC320	320	180-260	1.1-1.5	94.5%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	100-277Vac
• Operating Voltage Limit	90-305Vac; 141-276Vdc
• THD	≤15%
• Ta	45°C
• Tc	85°C
• IP Rating	IP54
• Protection Characteristics	Surge, open circuit, short circuit
• Withstanding Voltage	L-N/PG: 1.5kV <5mA 60S

Dimension



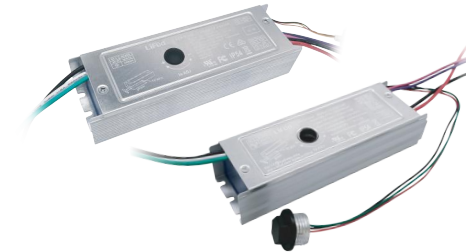
120-347Vac IP54 Non-isolated LED Driver

LF-FCXxxx (70-320W)



Feature

- High efficiency up to 96%; flicker free; IP54
- Super-wide input voltage ranging from 120 to 347Vac
- Output current adjustable via a potentiometer
- 12V AUX output to connect to smart module
- Compatible with external DIP switch for adjustable power and module for adjustable CCT



Parameter

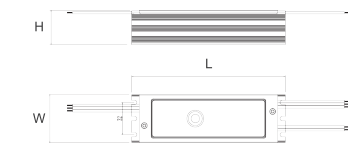
Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-FCX100	100	180-260	0.25-0.5	93%(347Vac)	0.90(347Vac)
LF-FCX150	150	180-260	0.5-0.75	93%(347Vac)	0.90(347Vac)
LF-FCX200	200	180-260	0.65-0.9	95%(347Vac)	0.90(347Vac)
LF-FCX240	240	180-260	0.75-1.1	96%(347Vac)	0.90(347Vac)
LF-FCX320	320	180-260	1.1-1.5	96%(347Vac)	0.90(347Vac)

This driver is going to be launched in Q3, 2023.

Specification

Item	Parameter
• Operating Voltage	120-347Vac
• Operating Voltage Limit	108-380Vdc
• THD	≤15%
• Ta	-40 ~ +50°C
• Tc	90°C
• IP Rating	IP54
• Protection Characteristics	Surge, open circuit, short circuit
• Withstanding Voltage	L/N-PE: 1.7kV L/N-DIM: 3000Vac 5mA 60S

Dimension



Model	L	W	H
LF-FAx100	154	48	34
LF-FAx150	168.5	48	34
LF-FAx200	186	48	34
LF-FAx240	204	48	34
LF-FAx320	224	48	34



IP67 Non-isolated LED Driver

LF-FDXxxx (70-1000W)



Feature

- More versions selectable: 0-10V/PWM/Rx dimming + 12V; DALI dimmable + 12V, etc.
- High efficiency up to 97%; flicker free; IP67
- Output current adjustable via a programmer
- Residual voltage <2kV to protect LEDs
- AC277V input available for dimming port (for 0-10V/PWM/Rx dimming version only)
- Dim to off without afterglow
- Surge protection: L-N: 6kV; L/N-GND: 10kV



Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-FDX100	100	180-260	0.25-0.5	93%(277Vac)	0.90(277Vac)
LF-FDX150	150	180-260	0.5-0.75	93%(277Vac)	0.90(277Vac)
LF-FDX200	200	180-260	0.65-0.9	95%(277Vac)	0.90(277Vac)
LF-FDX240	240	180-260	0.75-1.1	96%(277Vac)	0.90(277Vac)
LF-FDX320	320	180-260	1.1-1.5	96%(277Vac)	0.90(277Vac)
LF-FDX400	400	180-260	1.4-1.8	96%(277Vac)	0.90(277Vac)
LF-FDX420	420	180-260	1.2-2	96%(277Vac)	0.90(277Vac)
LF-FDX600	600	180-260	1.8-3	96.5%(277Vac)	0.90(277Vac)
LF-FDX800	800	180-260	2.4-4	96.5%(277Vac)	0.90(277Vac)
LF-FDX1000	1000	180-260	3-5	97%(277Vac)	0.90(277Vac)

This driver is going to be launched in Q2, 2023.

Specification

Item	Parameter
• Operating Voltage	100-277Vac
• Operating Voltage Limit	90-305Vdc
• THD	≤10%
• Ta	-40~+40°C (100-200Vac) -40~+50°C (200-277Vac)
• Tc	90°C
• IP Rating	IP67
• Protection Characteristics	Surge, open circuit, short circuit
• Withstanding Voltage	L/N-PE: 1.6kV 5mA 60S L/N-DIM: 3000Vac 5mA 60S



Outdoor LED Driver

LF-GOExxxYF(E)/YE(E) (15-100W)



Feature

- 2 versions selectable: non-dimmable [YE(E)] & 0-10V/PWM/Rx dimming version [YF(E)]
- High efficiency up to 91%
- Output current adjustable via a potentiometer
- IP67; flicker free
- Surge protection: L/N: 6kV; L/N-GND: 10kV



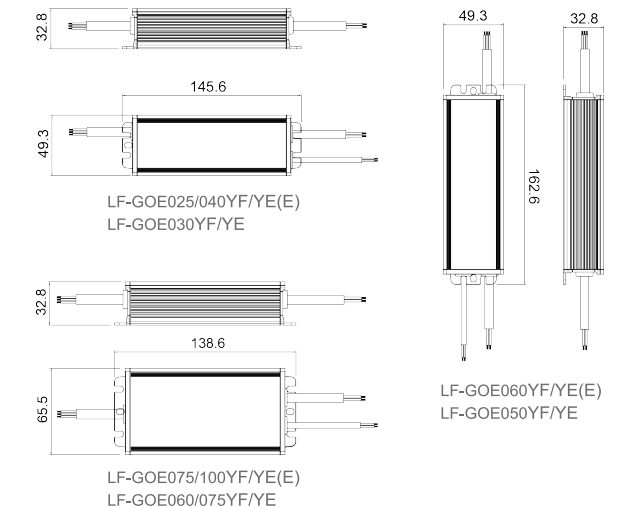
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-GOE025YF/YE(E)	25	44-52	0.35-0.52	88%(230Vac)	0.95(230Vac)
LF-GOE040YF/YE(E)	40	30-54	0.35-1.2	89%(230Vac)	0.95(230Vac)
LF-GOE060YF/YE(E)	60	30-54	0.6-1.7	89%(230Vac)	0.95(230Vac)
LF-GOE075YF/YE(E)	75	30-54	1.2-2.1	90%(230Vac)	0.95(230Vac)
LF-GOE100YF/YE(E)	100	30-54	1.6-2.8	90%(230Vac)	0.95(230Vac)
LF-GOE015YE	15	30-52	0.22-0.35	85%(230Vac)	0.95(230Vac)
LF-GOE026YE	26	30-52	0.35-0.6	86%(230Vac)	0.95(230Vac)
LF-GOE030YF/YE	30	30-52	0.35-0.85	89%(230Vac)	0.95(230Vac)
LF-GOE042YE	42	30-52	0.65-1.05	88%(230Vac)	0.95(230Vac)
LF-GOE050YF/YE	50	30-54	0.6-1.4	89%(230Vac)	0.95(230Vac)
LF-GOE060YF/YE	60	30-54	1.1-1.7	91%(230Vac)	0.95(230Vac)
LF-GOE075YF/YE	75	30-54	1.35-2.1	91%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	YF/YE(E) 220-240Vac; 311-339Vdc YF/YE 100-277Vac; 141-391Vdc YE 220-240Vac
• Operating Voltage Limit	YF/YE(E) 180-264Vac YF/YE 90-305Vac
• THD	≤15%
• Ta	-40°C ~ +60°C
• Tc	80°C
• IP Rating	IP67
• Protection Characteristics	Open circuit, short circuit, surge
• Withstanding Voltage	I/P-O/P: 3.75kVac 5mA 60S I/P-FG: 1.6kVac 5mA 60S O/P-FG: 0.5kVac 5mA 60S

Dimension



Outdoor LED Driver

LF-GOExxxYE/YF (77-320W)



Feature

- 2 versions selectable: non-dimmable (YE) & 0-10V/PWM/Rx dimming (YF)
- Output current adjustable via a potentiometer
- High efficiency up to 93.5%
- IP67; two-stage flicker-free design; dim to off
- Surge protection: L/N: 6kV (2KΩ); L/N-GND: 10kV (2KΩ/12KΩ)



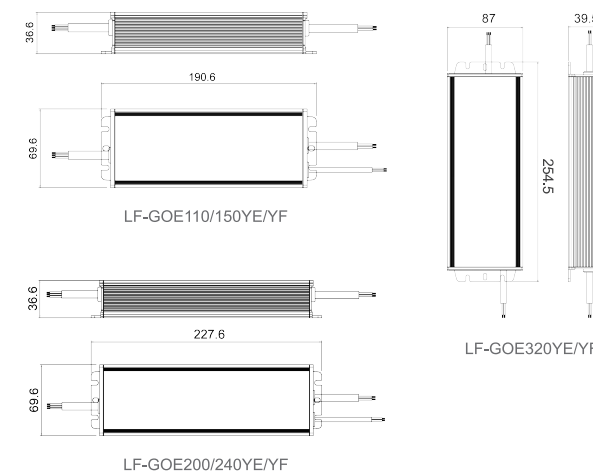
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-GOE110YE/YF3000-56	110	27-56	1.5-3.0	91%(230Vac)	0.95(230Vac)
LF-GOE150YE/YF4200-56	150	27-56	1.8-4.2	92%(230Vac)	0.90(230Vac)
LF-GOE200YE/YF5500-56	200	27-56	3.0-5.5	93.5%(230Vac)	0.95(230Vac)
LF-GOE240YE/YF6700-65	240	27-56	3.5-6.7	93.5%(230Vac)	0.95(230Vac)
LF-GOE320YE/YF8900-56	320	27-56	4.0-8.9	93%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	100-277Vac; 141-391Vdc
• Operating Voltage Limit	90-305Vac; 127-431Vdc
• THD	≤10%
• Ta	-40°C~ +60°C (200-277Vac) -40°C~ +50°C (100-200Vac)
• Tc	86°C
• IP Rating	IP67
• Protection Characteristics	Open circuit, short circuit, surge, over temperature
• Withstanding Voltage	I/P-O/P: 3.75kVac 5mA 60S I/P-FG: 1.5kVac 5mA 60S O/P-FG: 0.5kVac 5mA 60S

Dimension



Outdoor DALI DT6 LED Driver

LF-GOExxxYH (77-240W)



Feature

- DALI dimmable; dim to off; IP67
- High efficiency up to 93.5%
- Two-stage flicker-free design; "intelligent adaptation" & "constant power" design
- 12V/200mA AUX output selectable
- Surge protection: L/N: 6kV (2KΩ); L/N-GND: 10kV (2KΩ/12KΩ)



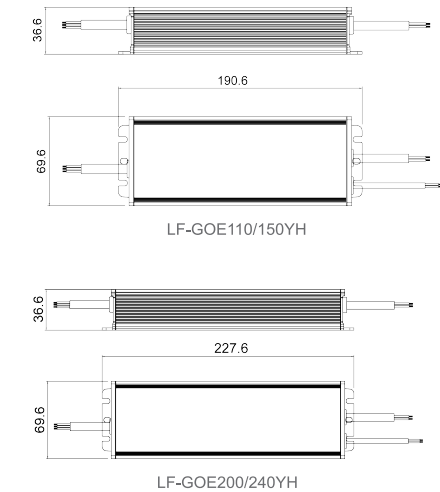
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-GOE110YH3000-56	110	27-56	1.5-3.0	91%(230Vac)	0.95(230Vac)
LF-GOE150YH4200-56	150	27-56	1.8-4.2	92%(230Vac)	0.95(230Vac)
LF-GOE200YH5500-56	200	27-56	3.0-5.5	93.5%(230Vac)	0.95(230Vac)
LF-GOE240YH6700-56	240	27-56	3.5-6.7	93.5%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	100-277Vac; 141-391Vdc
• Operating Voltage Limit	90-305Vac; 127-431Vdc
• THD	≤10%
• Ta	-40°C~ +60°C (200-277Vac) -40°C~ +50°C (100-200Vac)
• Tc	86°C
• IP Rating	IP67
• Protection Characteristics	Open circuit, short circuit, surge, over temperature
• Withstanding Voltage	I/P-O/P: 3.75kVac 5mA 60S I/P-FG: 1.5kVac 5mA 60S O/P-FG: 0.5kVac 5mA 60S

Dimension





LANDSCAPE LIGHTING

Constant Voltage IP67 DALI DT6 LED Driver

LF-KADxxx (150 & 240W)



Feature

- DALI dimmable
- 0%-100% dimming range; 0.1% dimming depth
- IP67; flicker free
- Surge protection: L/N: 4kV; L/N-GND: 6kV



Parameter

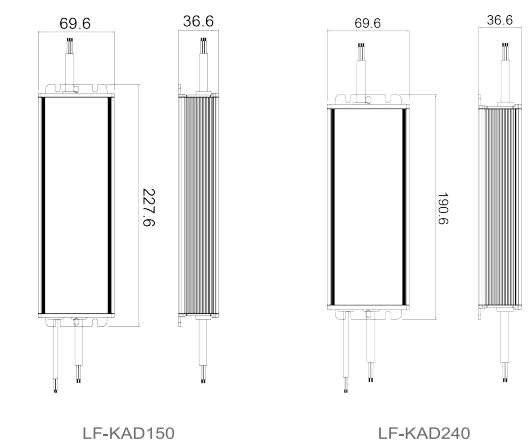
Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-KAD150	150	24	0-6.25	92%(230Vac)	0.95(230Vac)
LF-KAD240	240	24	0-10	93%(230Vac)	0.95(230Vac)

This driver is going to be launched in Q4, 2023.

Specification

Item	Parameter
• Operating Voltage	220-240Vac
• Operating Voltage Limit	198-264Vac
• THD	≤10%
• Ta	-20°C ~ +50°C
• Tc	90°C
• IP Rating	IP67
• Protection Characteristics	Open circuit, short circuit, surge, over temperature
• Withstanding Voltage	I/P-O/P: 3.75kV 5mA 60S

Dimension



Constant Voltage IP67 LED Driver

LF-GOExxxYV012/024A (53-250W)



Feature

- High efficiency up to 92%
- Constant voltage output and output voltage adjustable via a potentiometer
- IP67; flicker free
- Surge protection: L/N: 6kV; L/N-PE: 8kV



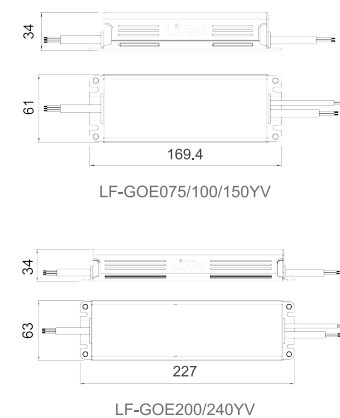
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-GOE075YV012A	75	11.04-12.96	6.25	87%(230Vac)	0.95(230Vac)
LF-GOE075YV024A	75	22.08-25.92	3.125	87.5%(230Vac)	0.95(230Vac)
LF-GOE100YV012A	100	11.04-12.96	8.34	87%(230Vac)	0.95(230Vac)
LF-GOE100YV024A	100	22.08-25.92	4.17	90%(230Vac)	0.95(230Vac)
LF-GOE150YV012A	138	11.04-12.96	11.5	89%(230Vac)	0.95(230Vac)
LF-GOE150YV024A	150	22.08-25.92	6.25	93%(230Vac)	0.95(230Vac)
LF-GOE200YV012A	200	11.04-12.96	16.67	89%(230Vac)	0.95(230Vac)
LF-GOE200YV024A	200	22.08-25.92	8.34	92%(230Vac)	0.95(230Vac)
LF-GOE250YV024A	250	22.08-25.92	10.42	92%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	100-277Vac; 141-391Vdc
• Operating Voltage Limit	90-305Vac; 127-431Vdc
• THD	≤15%
• Ta	-40°C ~ +60°C
• Tc	76°C
• IP Rating	IP67
• Protection Characteristics	Open circuit, short circuit, over voltage surge, over current
• Withstanding Voltage	I/P-O/P: 3.75kVac 5mA 60S I/P-FG: 1.5kVac 5mA 60S O/P-FG: 0.5kVac 5mA 60S

Dimension



Constant Voltage IP42 LED Driver

LF-KAN400 (280-400W)



Feature

- High efficiency up to 94%
- Semi-glue filling design
- IP42; natural cooling
- Complies with CE and CCC



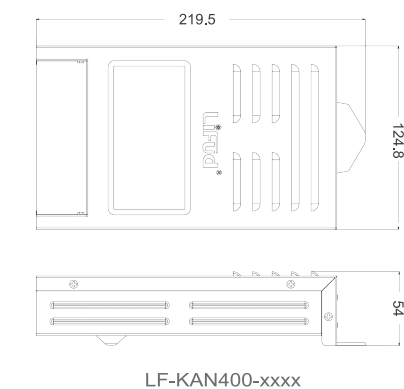
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-KAN400-48	400	48	0-8.3	94.5%(230Vac)	0.95(230Vac)
LF-KAN400-36	400	36	0-11.1	94%(230Vac)	0.95(230Vac)
LF-KAN400-24	400	24	0-16.7	94%(230Vac)	0.95(230Vac)
LF-KAN400-12	400	12	0-30	92%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	90-264Vac
• Ta	-30°C ~ +70°C
• IP Rating	IP42
• Protection Characteristics	Short circuit, over voltage, over temperature, over current

Dimension

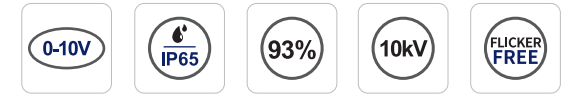




HORTICULTURAL LIGHTING

Horticultural Lighting LED Driver

LF-EAAxxx (240 & 320W)



Feature

- 0-10V dimmable
- High efficiency up to 93%
- Output current adjustable via a built-in potentiometer
- Dims up and down via a rotary knob switch
- IP65; two-stage flicker-free design



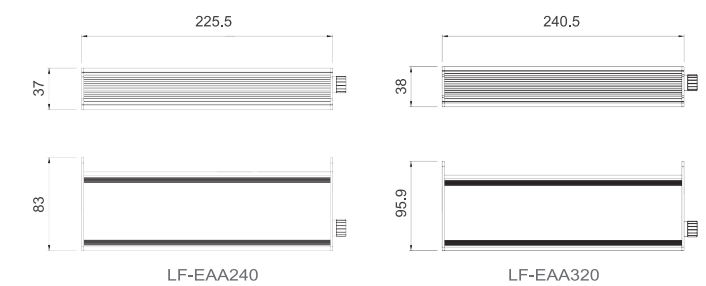
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-EAA240	240	27-56	3.5-6.7	93%(230Vac)	0.95(230Vac)
LF-EAA320	320	27-56	4.0-8.9	93%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
- Operating Voltage	100-277Vac; 141-391Vdc
- Operating Voltage Limit	90-305Vac; 127-431Vdc
- THD	≤10%
- Ta	-40°C~ +60°C
- Tc	78°C
- IP Rating	IP65
- Protection Characteristics	Open circuit, short circuit, over voltage
- Withstanding Voltage	I/P-O/P: 3.75kVac 5mA 60S I/P-FG: 1.5kVac 5mA 60S O/P-FG: 0.5kVac 5mA 60S

Dimension





LED Display Power Supply (two-channel output)

LF-GVC0300A3V8AB (236-267W)



Feature

- Super wide input voltage ranging from 90 to 305Vac
- Suitable for ambient temperature up to 85 C
- Compact size; long lifetime
- Complies with the EMC (Class B) certification



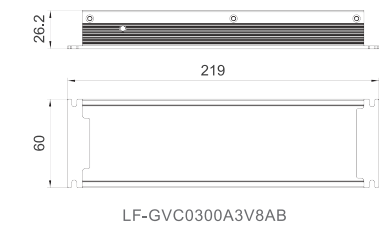
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-GVC0300A3V8AB	236-267	2.8-3.3	0-30	87%(230Vac)	0.95(230Vac)
LF-GVC0300A3V8AB	236-267	3.8-4.2	0-40	87%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	100-277Vac
• Operating Voltage Limit	90-305Vac
• Ta	-40°C ~ +85°C
• Protection Characteristics	Short circuit, over voltage, over temperature, over current
• Withstanding Voltage	L-N: ±1kV(inner resistance: 2Ω) L/N-G/VD: ±2kV(inner resistance: 12Ω)

Dimension



LED Display Power Supply (two-channel output)

LF-GVT0200A3V8AB*170W



Feature

- Super thin; compact size; long lifetime
- Super wide input voltage ranging from 90 to 264Vac
- Suitable for ambient temperature up to 85°C
- Complies with the EMC (Class B) certification



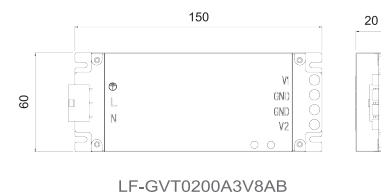
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-GVT0200A3V8AB	170	2.8	0-20	88%(230Vac)	0.95(230Vac)
LF-GVT0200A3V8AB	170	3.8	0-30	88%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	100-277Vac
• Operating Voltage Limit	90-264Vac
• Ta	-40°C ~ +85°C
• Protection Characteristics	Short circuit, over voltage, over temperature, over current
• Withstanding Voltage	L-N: ±1kV(inner resistance: 2Ω) L/N-G/VD: ±2kV(inner resistance: 12Ω)

Dimension



LED Display Power Supply (one-channel output)

LF-GVCxxxxAxVxA (184-300W)



Feature

- Super wide input voltage ranging from 90 to 305Vac
- High efficiency up to 92%
- Suitable for ambient temperature up to 85°C
- Compact size; long lifetime
- Complies with the EMC (Class B) certification



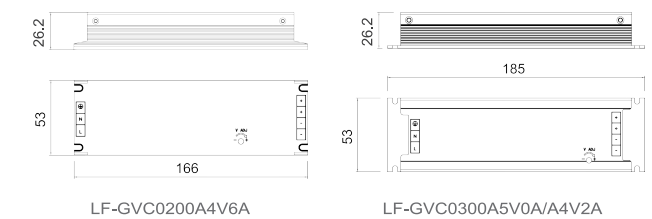
Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-GVC0200A4V6A	184	4.2-4.6	0-40	91%(230Vac)	0.95(230Vac)
LF-GVC0300A5V0A	300	4.6-5	0-60	92%(230Vac)	0.95(230Vac)
LF-GVC0300A4V2A	216-260	3.6-4.2	0-60	89%(230Vac)	0.95(230Vac)

Specification

Item	Parameter
• Operating Voltage	100-277Vac
• Operating Voltage Limit	90-305Vac
• Ta	-40°C ~ +85°C
• Protection Characteristics	Short circuit, over voltage, over temperature, over current
• Withstanding Surge	L-N: ±1kV(inner resistance: 2Ω) L/N-G/VD: ±2kV(inner resistance: 12Ω)

Dimension



LED Display Power Supply (one-channel output)

LF-GVT0200A4V2A (168W)

91%



Feature

- Super thin; compact size; long lifetime
- High efficiency up to 91%
- Super wide input voltage ranging from 90 to 264Vac
- Suitable for ambient temperature up to 85°C
- Complies with the EMC (Class B) certification



Parameter

Model	Output Power(W, max)	Output Voltage(V)	Output Current(A)	Efficiency(full load)	PF(full load)
LF-GVT0200A4V2A	168	4.2	0-40	91% (230Vac)	0.95 (230Vac)

Specification

Item	Parameter
• Operating Voltage	100-240Vac
• Operating Voltage Limit	90-264Vac
• Ta	-40°C ~ +85°C
• Protection Characteristics	Short circuit, over voltage, over temperature, over current
• Withstanding Voltage	L-N: ±1kV(inner resistance: 2Ω) L/N-G/VD: ±2kV(inner resistance: 12Ω)

Dimension



LF-GVT0200A4V2A

