

Intelligent Dimmable LED Driver New Products

Date: 2026.7



1. 22mm Ultra-thin Compact DALI DT8 LED Driver **BCD-A**



2. 22mm Ultra-thin Compact DALI DT6 LED Driver **BCD020B**



3. 35mm Hole Compact Triac Dimmable LED Driver **BCT013B**



4. Isolated DALI NFC Programmable CC LED Driver **GSD080YI**



5. 22mm Wide Voltage DALI LED Driver **BUD**



1. 22mm Ultra-thin Compact DALI DT8 LED Driver BCD-A

1. 22mm Ultra-thin Compact DALI DT8 LED Driver BCD-A

Input voltage: 220-240Vac

Features:

1. Compact design, supports detachable large/small end covers
2. DALI/PUSH dimmable
3. Advanced features: corridorDIM, EL, CLO
4. Supports DALI part 251/252/253
5. Parameters configurable via Lifud programmer
6. Surge protection: L-N:1kV(13W) 2kV(25/40W) push: 1kV
7. Current adjustable via DIP switch
8. Acc. to Zhaga Book 13 standard (25/40W)
9. Compatible with Class I/II luminaires (25/40W)
10. 5-year warranty, lifetime up to 100,000h
11. Certifications: CE ENEC RCM CB SAA



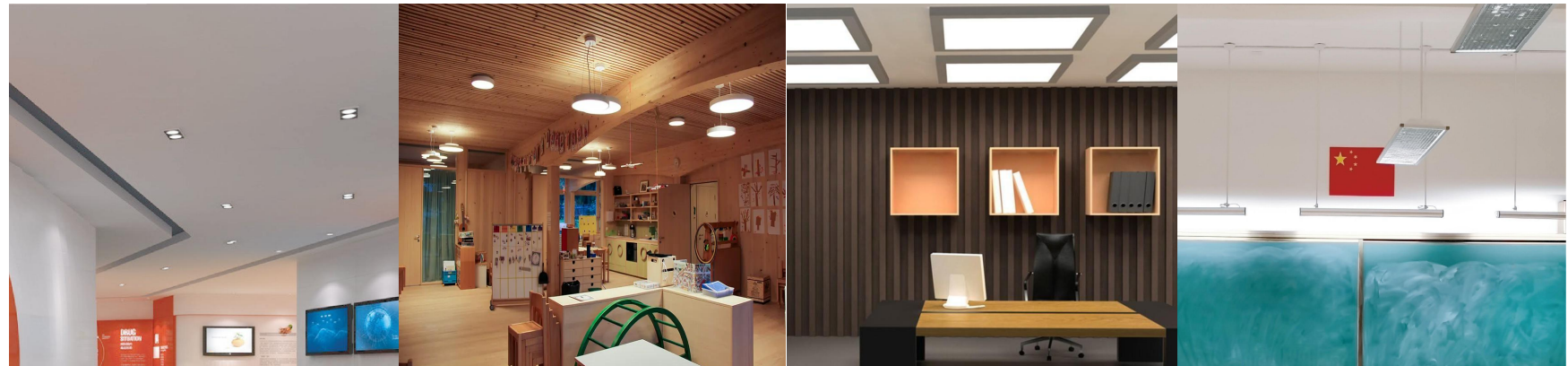
Model	Pout (W, Max.)	Vout (Vdc)	Iout (mA)	Efficiency	Current setting	Dimensions L*W*H/mm
LF-BCD013A-0350-42	13	15-42	100-350	82.5%	3-bit DIP	135*30.5*21
LF-BCD025A-0700-42	25	15-42	350-700	86.5%	3-bit DIP	97.8*43.2*21.8
LF-BCD040A-1050-42	40	15-42	700-1050	89.5%	3-bit DIP	125*43.2*21.8

Application

Luminaires



Scenarios





2. 22mm Ultra-thin Compact DALI DT6 LED Driver **BCD020B**

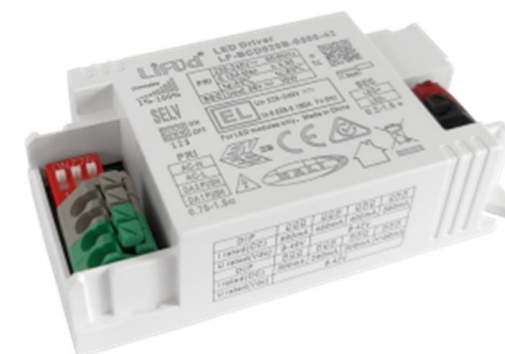


2. 22mm Ultra-thin Compact DALI DT6 LED Driver BCD-B

Input voltage: 220-240Vac

Features:

1. Ultra-thin compact design, supports detachable large/small end covers
2. DALI/PUSH dimmable
3. Advanced features: corridorDIM, EL, CLO
4. Supports DALI part 251/252/253
5. Parameters configurable via Lifud programmer; current adjustable via DIP switch
6. Surge protection: L-N: 2kV push: 1kV
7. Compatible with Class I/II luminaires
8. 5-year warranty, lifetime up to 100,000h
9. Certifications: CE ENEC RCM CB SAA



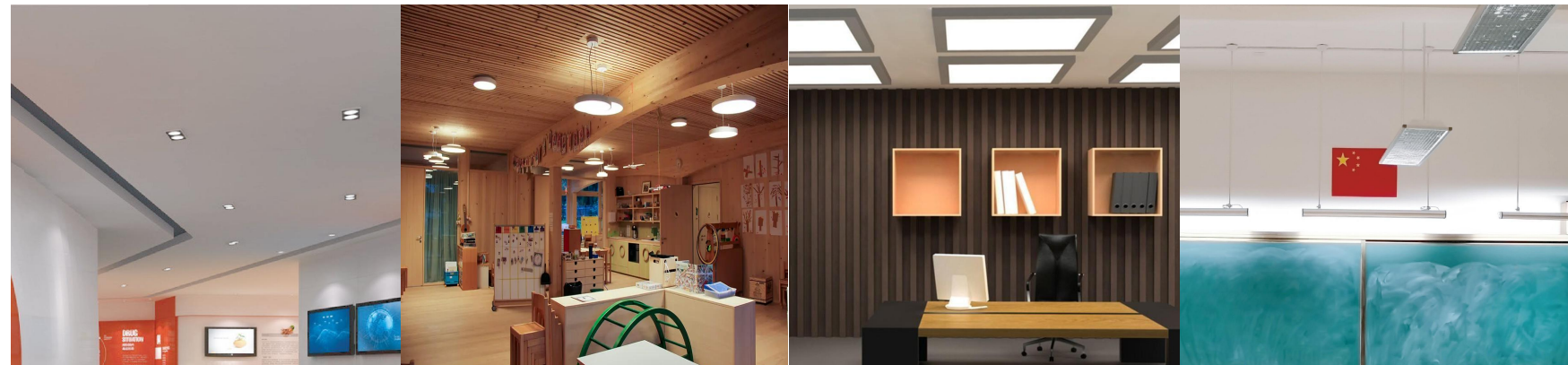
Model	Pout (W, Max.)	Vout (Vdc)	Iout (mA)	Efficiency	Current setting	Dimensions L*W*H/mm
LF-BCD020B-0500-42	20	9-42	150-500	87.5%	3-bit DIP	78*41.2*21.8
LF-BCD025B-0700-42	25	9-42	350-700	88.5%	3-bit DIP	97.8*43.2*21.8
LF-BCD030B-0750-42	30	9-42	400-750	89.5%	3-bit DIP	97.8*43.2*21.8
LF-BCD040B-1050-42	40	9-42	700-1050	89.5%	3-bit DIP	97.8*43.2*21.8
LF-BCD060B-1500-42	60	9-42	750-1500	92.0%	4-bit DIP	125*43.2*21.8

Application

Luminaires



Scenarios



3. 35mm Hole Compact Triac Dimmable LED Driver **BCT013B**

3. 35mm Hole Compact Triac Dimmable LED Driver **BCT013B**

Input voltage: 220-240Vac

Features:

1. Compact design, supports 35mm aperture
2. Screwless wiring & clamping design
3. Supports leading edge dimming and trailing edge dimming (MPS solution)
4. 1% dimming depth
5. Current adjustable via 3-bit DIP switch (100-350mA)
6. 5-year warranty, lifetime up to 100,000h
7. Certifications: CCC CE ENEC CB RCM SAA



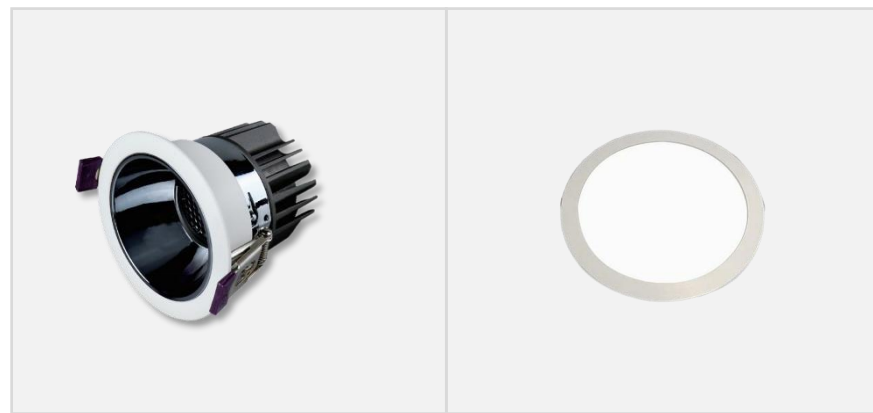
Model	Type	Pout (W, Max.)	Vin (Vac)	Vout (Vdc)	Iout (mA)	Efficiency	Current setting	Dimensions L*W*H/mm
LF-BCT013B-0350-42	Triac	13	220-240	25-42	100-350	81%	3-bit DIP	135*30.5*21
LF-BCT013B-0700-18	Triac	12.6	220-240	9-18	350-700	78%	3-bit DIP	135*30.5*21



Application



Luminares



Scenarios



**4. Isolated DALI NFC
Programmable
CC LED Driver GSD080YI**

4. Isolated DALI NFC Programmable CC LED Driver **GSD080YI (8.4-80W)**

Input voltage: 110-305Vac (Rated 120-277Vac)

Features:

1. DALI-2 DT6 +Push dimmable, push: 1kV
2. Output current, DALI parameters and other functions configurable via NFC
3. Support external NTC
4. Advanced features: corridorDIM, EL, CLO
5. Supports DALI part 251/252/253
6. Acc. to Zhaga Book 13, 24, 25 standard
7. Stand-by power<0.3W
8. 45° push terminals
9. Ta: -30°C ~ +60°C (65W) -30°C ~ +55°C(80W)
10. 5-year warranty
11. Certifications: UL FCC ENEC CE



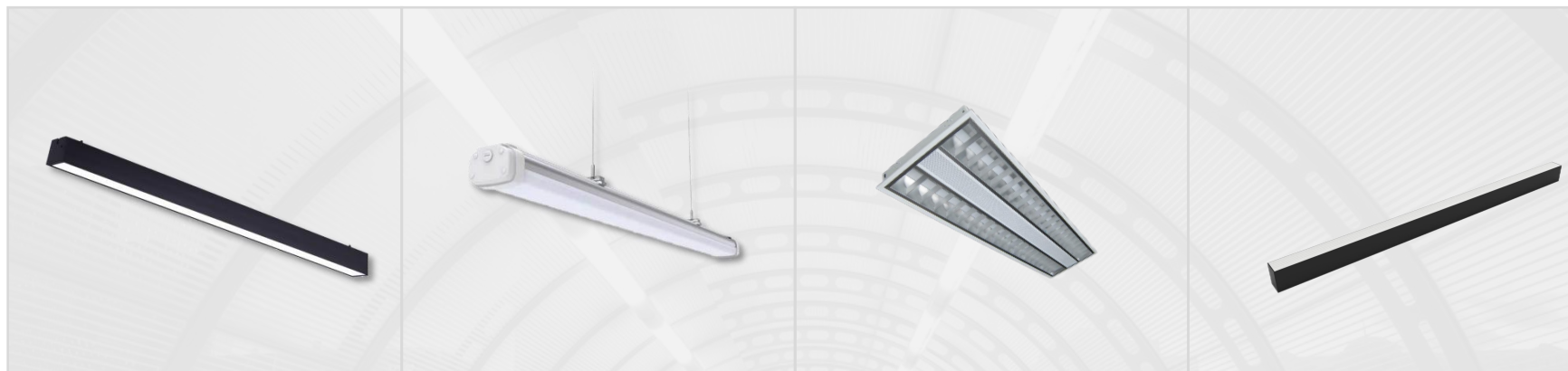
Model	Pout (W, Max.)	Vout (Vdc)	Iout (mA)	Efficiency	Dimensions L*W*H/mm	Positioning hole spacing
LF-GSD065YI	65	10-56	150-1400	91%	360*30*21	350mm
LF-GSD080YI	80	10-56	700-2400	91%	360*30*21	350mm



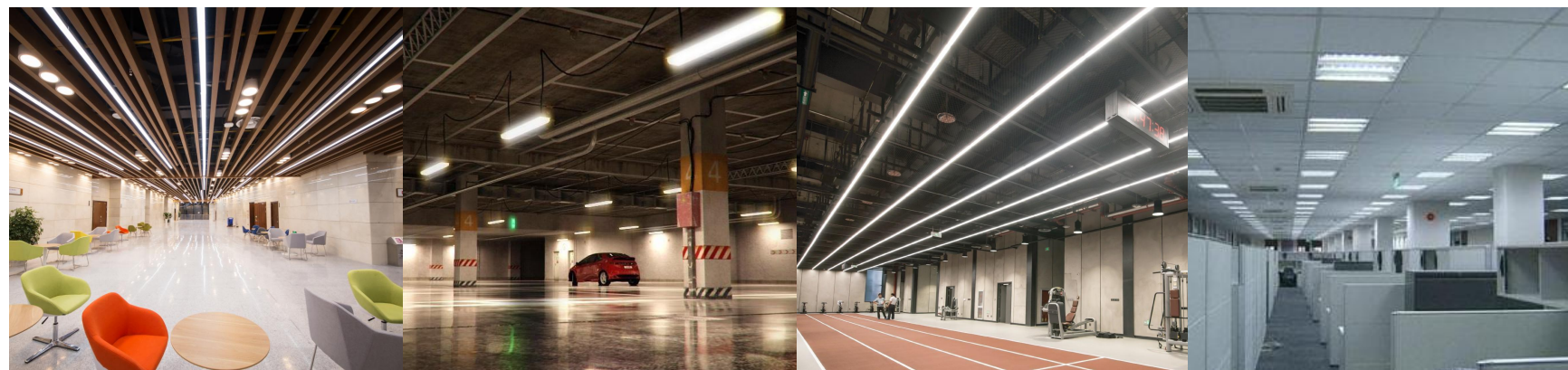
Application



Luminaires



Scenarios



5. 22mm Wide Voltage DALI LED Driver BUD

5. 22mm Wide Voltage DALI LED Driver BUD

Features:

1. Wide input voltage 100-305Vac
2. Ultra-thin 21.8mm compact design, supports detachable large/small end covers
3. Advanced features: corridorDIM, EL, CLO
4. Supports DALI part 251/252/253
5. Parameters configurable via Lifud programmer
6. Surge protection: L-N: 2kV push: 1kV
7. Acc. to Zhaga Book 13 standard
8. 5-year warranty, lifetime up to 100,000h
9. Certifications: CE ENEC RCM CB SAA



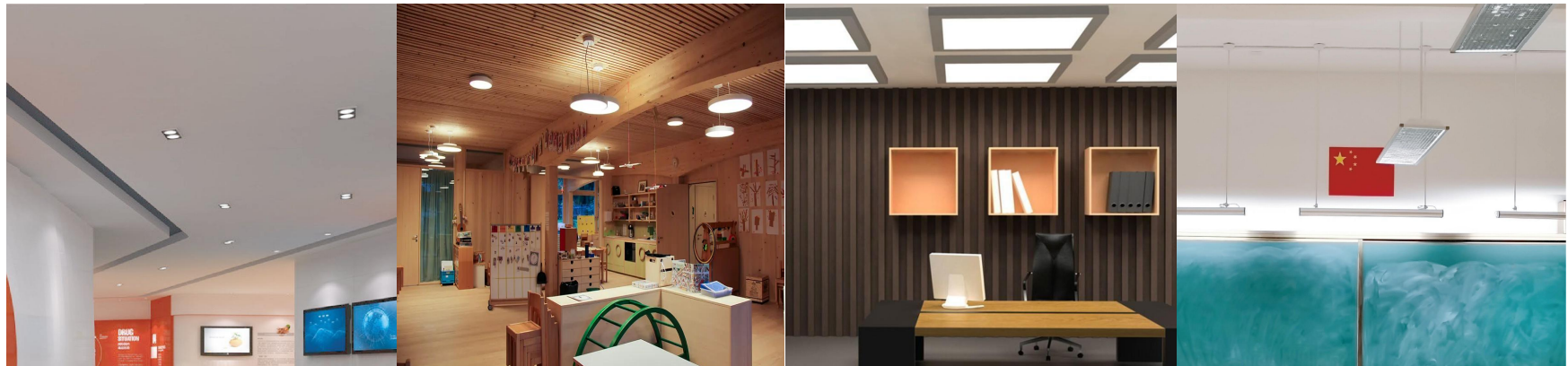
Model	Pout (W, Max.)	Vout (Vdc)	Iout (mA)	Efficiency	PF	Dimensions L*W*H/mm	Certifications
LF-BUD020-0500-42	21	9-42	150-500	88.5%	0.95	97.8*43.2*21.8	DALI2/ENEC/CB/CE/RCM/SAA
LF-BUD030-0750-42	31.5	9-42	400-750	89.5%	0.95	125*43.2*21.8	DALI2/ENEC/CB/CE/RCM/SAA
LF-BUD040-1050-42	40	9-42	700-1050	90.5%	0.95	125*43.2*21.8	DALI2/ENEC/CB/CE/RCM/SAA

Application

Luminaires



Scenarios



Non-dimmable LED Driver New Products

Date: 2026.7

- 1. Compact High-Efficiency LED Driver – LF-GIF*HA Series**
- 2. 22mm Ultra-slim LED Driver – LF-GIF040YW**
- 3. 22mm Ultra-slim High-Efficiency LED Driver – LF-GIF*HE Series**
- 4. Wide Voltage Compact LED Driver – LF-GIF*YK Series**



1. Compact High-Efficiency LED Driver (Fixed Current)

Features:

1. Efficiency up to 94%
2. Flicker-free; SELV
3. THD<10%
4. Compact size
5. 5 years warranty

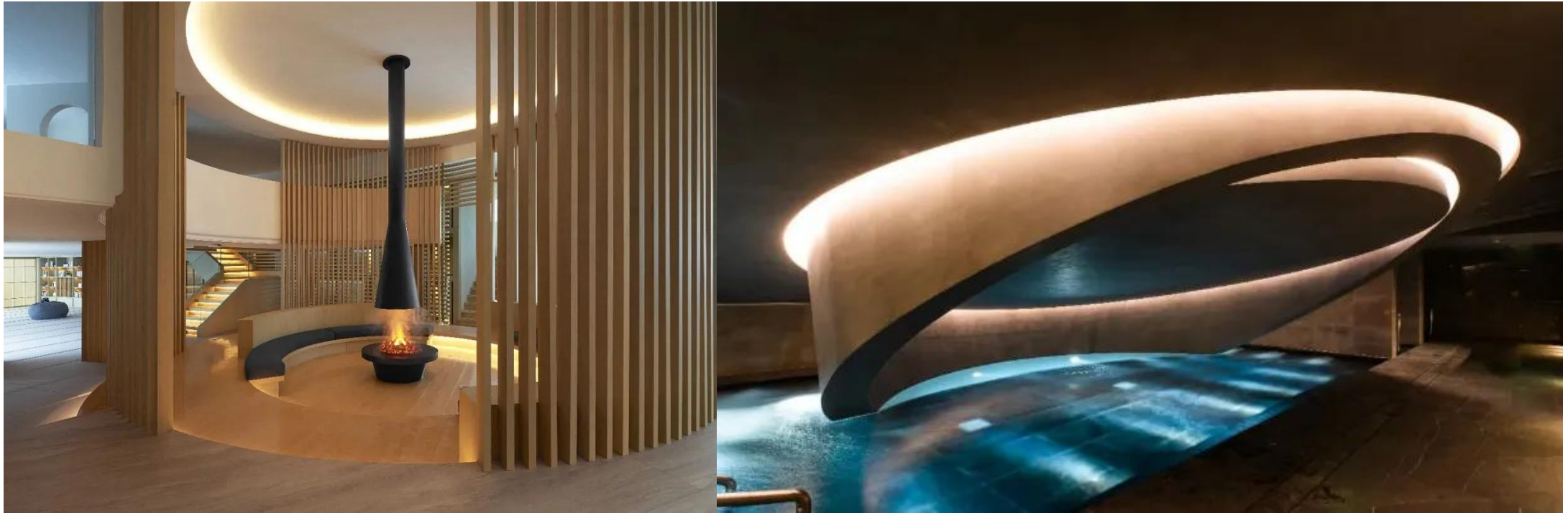


Model	Pout (W, Max.)	Vin (Vac)	Vout (Vdc)	Iout (A)	Efficiency	PF	Dimensions L*W*H/mm	Certifications
LF-GIF020HAxxxxH	21	220-240	25-42	0.25-0.5	92.5%	0.95	98*41*25.5	CCC CE ENEC CB RCM SAA
LF-GIF030HAxxxxH	30	220-240	25-42	0.55-0.7	93%	0.95	98*41*25.5	CCC CE ENEC CB RCM SAA
LF-GIF040HAxxxxH	44	220-240	25-42	0.75-1.05	93.5%	0.95	98*41*25.5	CCC CE ENEC CB RCM SAA
LF-GIF050HAxxxxH	50	220-240	25-42	1.1-1.3	94%	0.95	98*41*25.5	CCC CE ENEC CB RCM SAA

Applications

Mainly used in panel lights

For commercial lighting, home lighting, office lighting, etc.



Product Difference Comparison

Item	Lifud HA	Lifud YS
Picture		
Model	LF-GIF*HAxxxxH	LF-GIF*YS Pro
Input voltage	220-240Vac	220-240Vac
Power	20/30/40/50W	20/30/40W
Efficiency	92.5-94%	92.5-93.5%
Ta	-20°C- 45°C	-30°C- 55°C
Dimensions	98*41*25.5	115*41*28
Output voltage	25-42Vdc	25-42Vdc
Output current	250-1300MA	250-1050MA
Warranty	5 years	5 years
PF	0.95	0.95
Certifications	CCC CE ENEC CB RCM	CCC CE ENEC CB RCM

2. 22mm Ultra-slim LED Driver

Features:

1. Ultra-thin 21.8mm compact design, supports detachable large/small end covers
2. Wide output voltage/current, compatible with various luminaires to reduce SKUs
3. 16-shift current adjustable via 4-bit DIP switch
4. Surge protection: L-N: 2kV
5. Flicker-free and isolated; supports EL function
6. 5 years warranty; lifetime up to 100,000h



Model	Pout (W, Max.)	Vin (Vac)	Vout (Vdc)	Iout (mA)	Efficiency	Current setting	Dimensions L*W*H/mm	Certifications
LF-GIF040YW1050H(S)	40	220-240	9-50 9-42 9-40 9-38	300-800 850-950 1000 1050	90%	4-bit DIP	97.8*43.2*21.8	CE/ENEC/CB/RCM/SAA/EL

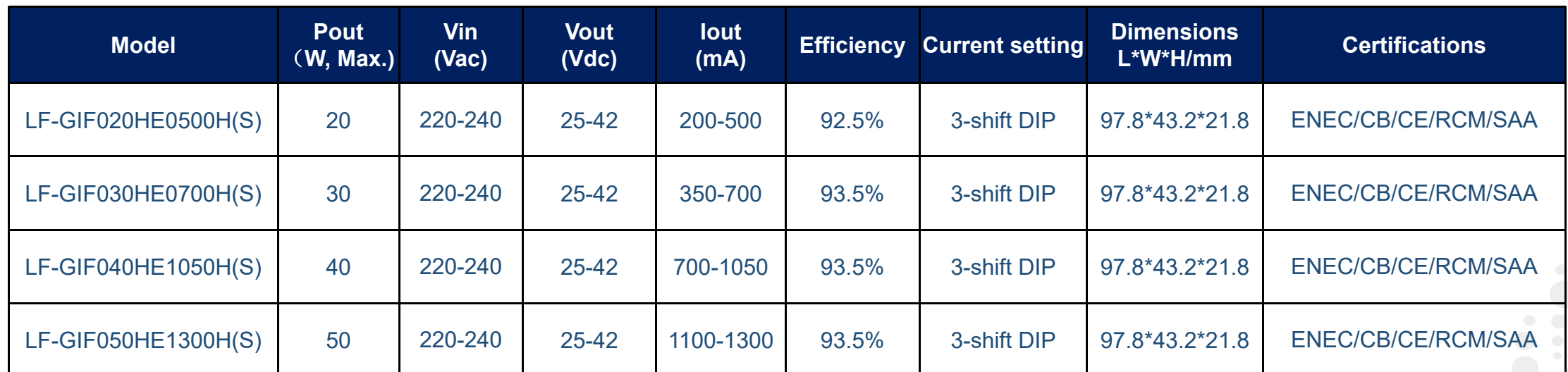
Applications

Mainly used in panel lights

For commercial lighting, home lighting, office lighting, etc.



1. Ultra-thin 21.8mm compact design, supports detachable large/small end covers
2. High efficiency up to 93.5%
3. Supports EL function
4. High PF, low THD<10%
5. Surge protection: L-N: 2kV
6. 5 years warranty; lifetime up to 100,000h
7. Certifications: CE CB ENEC RCM SAA



Applications

Mainly used in panel lights

For commercial lighting, home lighting, office lighting, etc.



3 Application Modes

Built-in



Large end cap



Input: Type E (DALI), Type F (on/off)
Output: Type D

Small end cap



Input: Type D
Output: Type D

End Cap Description

P/N	Name	Note
5.1.08000000004	Type D Small end cap	Compatible with 22mm high LED drivers, no tension plate required , 1 piece in BOM
5.1.08000000003	Type E Large end cap	Compatible with 22mm high LED drivers, including terminals and wires (for DALI version)
5.1.08000000005	Type F Large end cap	Compatible with 22mm high LED drivers, including terminals and wires (only for ON/OFF version)

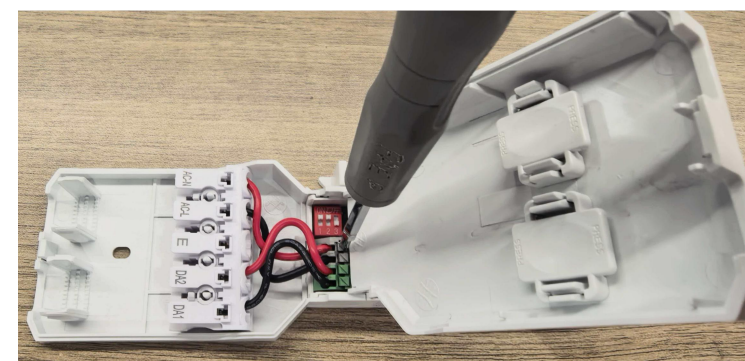
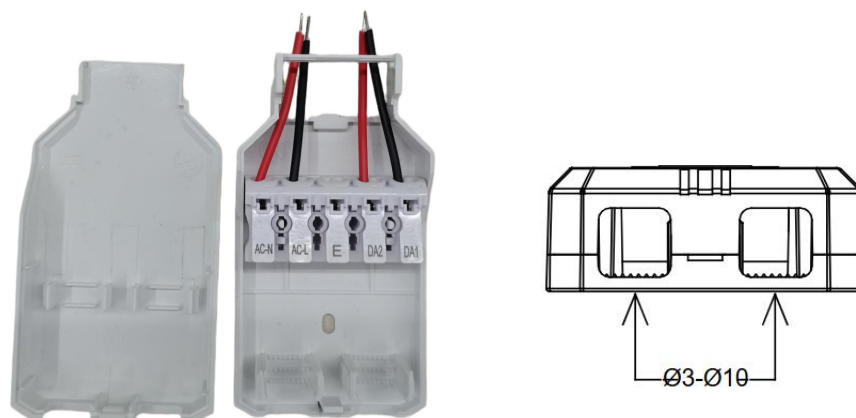
The details are specified in the datasheet

Small end cap



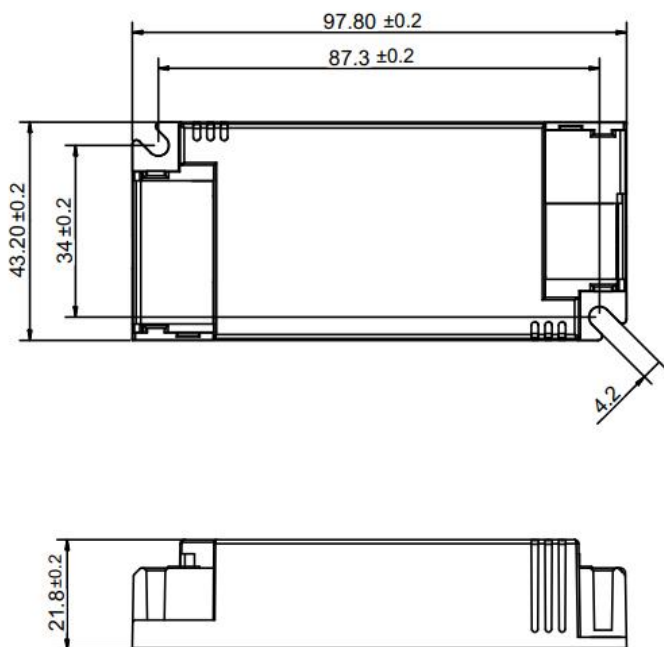
Small end cap, no tension plate required
No interference with wiring connection

Large end cap

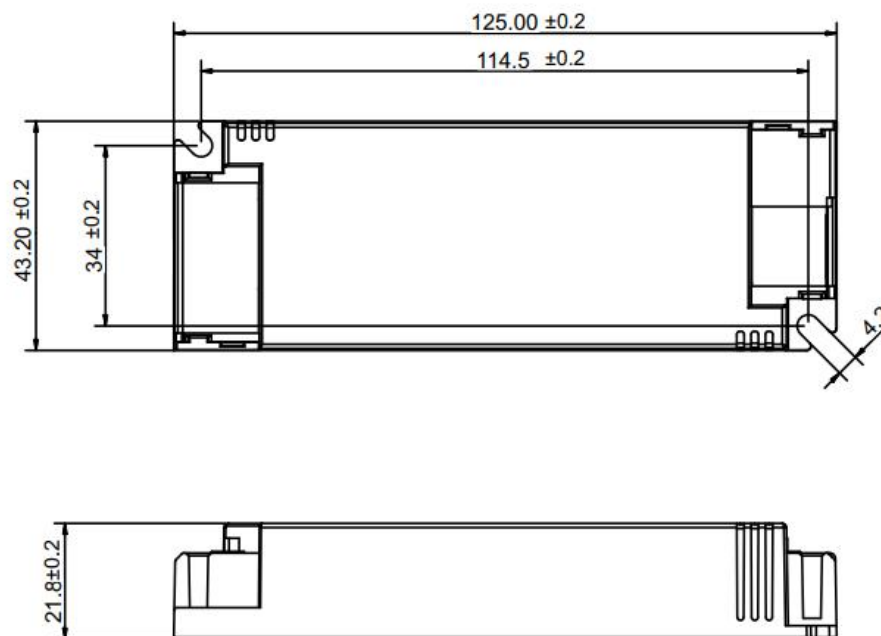




Casing



Casing 1: 97.8*43.2*21.8mm



Casing 2: 125*43.2*21.8mm

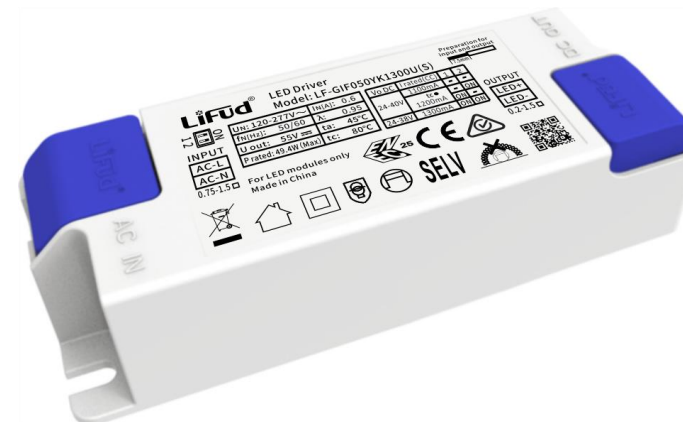
Designation	L	W	H	B	D	M
Z13-8-3b	128	82	34	115	75	M4
Z12-8-3a	116	76	33	100	65	M4
Z11-7-3a	107	68	31	95	59	M4
Z10-4-3a	98	44	31	90	35	M4
Z19-7-4a	188	68	41	173	34	M4
Z17-10-4a	171	101	41	161	90	M4
Z18-5-4a	178	47	38	144.3	27.35	M4
Z13-4-3a	131	44	31	114.5	33	M4
Z15-9-4b	151	91	41	134	70	M4
Z25-7-4a	252	70	41	227	42.9	M4

Acc. to Zhaga Book13 standard

4. Wide Voltage Compact LED Driver

Features:

1. Wide input voltage range 108–305 Vac
2. Full power range from 3W to 50W
3. Current adjustable via DIP switch
4. 5 years warranty; lifetime up to 100,000h
5. Certifications: CE CB ENEC RCM SAA



Model	Pout (W, Max.)	Vout (Vdc)	Iout (mA)	PF	Efficiency	Current setting	Dimensions L*W*H/mm	Certifications
LF-GIF003YK0350U	3	2.5-9	350	0.5	71%	Fixed	85*21*17	CE, ENEC, CB, RCM, SAA
LF-GIF003YK0700U	3	2.5-3	700	0.5	60%	Fixed	85*21*17	CE, ENEC, CB, RCM, SAA
LF-GIF009YK0220U(S)	9	24-42	135-220	0.95	82%	2-bit DIP	96*36*24	CE, ENEC, CB, RCM, SAA
LF-GIF009YK0700U	9	6-11	700	0.95	78%	Fixed	96*36*24	CE, ENEC, CB, RCM, SAA
LF-GIF013YK0350U(S)	13	24-42	200-350	0.95	84%	2-bit DIP	96*36*24	CE, ENEC, CB, RCM, SAA
LF-GIF020YK0550U(S)	20	24-42	400-550	0.95	87%	2-bit DIP	96*36*24	CE, ENEC, CB, RCM, SAA
LF-GIF030YK0800U(S)	30	24-42	600-800	0.95	91%	3-bit DIP	115*41*28	CE, ENEC, CB, RCM, SAA
LF-GIF040YK1050U(S)	40	24-42	800- 1050	0.95	91%	3-bit DIP	115*41*28	CE, ENEC, CB, RCM, SAA
LF-GIF050YK1300U(S)	50	24-40	1100-1300	0.95	91%	2-bit DIP	115*41*28	CE, ENEC, CB, RCM, SAA

High-power LED Driver New Products

Date: 2026.7



1. IP67 Universal Voltage Isolated Street Light LED Driver **A1 (40-240W)**

1.1 IP67 Dimmable Series (40-240W)

1.2 IP67 Non-dimmable Series (40-240W)



2. IP67 Universal Voltage CV LED Driver **V1 (100-200W)**



3. 500W Non-Isolated UFO Driver **H8 (500W)**

1. IP67 Isolated Street Light LED Driver (40-240W)

High efficiency, long lifespan, high reliability

Model Numbering

Model: LF-A1-xxx U-E xxx X X

1 2 3 4 5 6 7

Explanation:

1. LF: abbreviation of Lifud
2. A1 series: isolated street light LED driver series
3. Output power: 150: 150W
4. Input voltage: U: 120-277Vac (reduce power when <180Vac)
5. Max. output current: 420: 4200mA
6. X(dimming method): B: non-dimmable; C: 0-10V/PWM/Rx dimming
7. Other optional functions

1.1 IP67 Dimmable Isolated Street Light LED Driver

LF-A1-xxxU-ExxxC(67) (40-240W)

Input voltage: 90-305Vac (Input voltage at full load: 180-305Vac, automatically reduce power to 60% when <180Vac)

Features:

1. High reliability (featuring SiC technology & explosion-proof film capacitors)
2. Parameters/CLO/time dimming/OTP configurable via Lifud programmer (LF-SCS080A)
3. All-round protections: OTP, OVP, UVP, short circuit
4. Surge protection: 4/6kV (40/60W); 6/10kV (75-240W)
5. 0-10V, PWM, Rx, timing control, and CLO
6. IP67; Ta: -40~55°C, housing temp: -40~90°C

Warranty: 50000H@Tc 85°C@full load

Certifications: ENEC, CE, CB, RCM, CCC



Model	Pout (W, max)	Vout (Vdc)	Iout (A)	Efficiency	PF	THD	Dimensions L*W*H/mm
LF-A1-040U-E110C(67)	40	27-56	0.3-1.1	89%	>0.95	<10%	120*66*37
LF-A1-060U-E167C(67)	60	27-56	0.35-1.67	90%	>0.95	<10%	120*66*37
LF-A1-075U-E210C(67)	75	27-56	0.8-2.1	90%	>0.95	<10%	130*66*37
LF-A1-100U-E280C(67)	100	27-56	1.3-2.8	90%	>0.95	<10%	135*66*37
LF-A1-150U-E420C(67)	150	27-56	1.8-4.2	91.5%	>0.95	<10%	170*66*39
LF-A1-200U-E560C(67)	200	27-56	2.6-5.6	93.5%	>0.95	<10%	177*66*39
LF-A1-240U-E670C(67)	240	27-56	3.5-6.7	93.5%	>0.95	<10%	192*66*39

1.2 IP67 Non-dimmable Isolated Street Light LED Driver

LF-A1-xxxU-ExxxB(67) (40-240W)

Input voltage: 90-305Vac (Input voltage at full load: 180-305Vac, automatically reduce power to 60% when <180Vac)

Features:

1. High reliability (featuring SiC technology & explosion-proof film capacitors)
2. Parameters adjustable via potentiometer
3. All-round protections: OVP, UVP, short circuit
4. Surge protection: 4/6kV (40/60W); 6/10kV (75-240W)
5. **IP67**; Ta: -40~55°C, housing temp: -40~90°C

Warranty: 50000H@Tc 85°C@full load

Certifications: ENEC, CE, CB, RCM, CCC



Model	Pout (W, max)	Vout (Vdc)	Iout (A)	Efficiency	PF	THD	Dimensions L*W*H/mm
LF-A1-040U-E110B(67)	40	27-56	0.3-1.1	89%	>0.9	<10%	120*66*37
LF-A1-060U-E167B(67)	60	27-56	0.35-1.67	89%	>0.9	<10%	120*66*37
LF-A1-075U-E210B(67)	75	27-56	0.8-2.1	90%	>0.9	<10%	130*66*37
LF-A1-100U-E280B(67)	100	27-56	1.3-2.8	90%	>0.9	<10%	135*66*37
LF-A1-150U-E420B(67)	150	27-56	1.8-4.2	91.5%	>0.9	<10%	170*66*39
LF-A1-200U-E560B(67)	200	27-56	2.6-5.6	93%	>0.9	<10%	177*66*39
LF-A1-240U-E670B(67)	240	27-56	3.5-6.7	93%	>0.9	<10%	192*66*39

- 产品特性

设备信息

全部

工作电流

光衰补偿

0~10V调光设置

定时调光

全部

光衰补偿

使能

打开

亮度等级

808386909397100%

运行时间

1000050005000500050005000h

运行时间

累计运行时间

0s

重置

Time (h)	Output Level (%)
0	80
4000	82
8000	84
12000	86
16000	88
20000	90
24000	92
28000	94
32000	96
36000	98
40000	100

2. IP67 Isolated CV LED Driver (100-200W)

IP67, high efficiency, high reliability

2. IP67 High Efficiency Non-dimmable Isolated CV LED Driver

LF-V1-xxxU-E24B(67) (100/200W)

Input voltage: 90-305Vac (Input voltage at full load: 180-305Vac, automatically reduce power to 60% when <180Vac)

Features:

1. High reliability (featuring SiC technology & explosion-proof film capacitors)
2. High efficiency, no-load power <0.5W
3. All-round protections: OVP, UVP, short circuit
4. Surge protection: 6/10kV
5. **IP67**; Ta: -40~60°C, housing temp: -40~90°C

Warranty: 50000H@Tc 85°C@full load

Certifications: ENEC, CE, CB, RCM, CCC

Applications: Outdoor decorative lighting, landscape lighting, architectural lighting, advertising light boxes



Model	Pout (W, max)	Input Voltage(V)	Vout (Vdc)	Iout (A)	Efficiency	THD	Dimensions L*W*H/mm
LF-V1-100U-E24B(67)	100	180-277	24	0-4.17	92.5%	<10%	135*66*37
	60	100-277	24	0-2.5			
LF-V1-200U-E54B(67)	200	180-277	24	0-8.33	94.5%	<10%	177*66*39
	120	100-277	24	0-5.0			

A decorative triangle in the top left corner, pointing right, with a light blue and green gradient. It contains two vertical bars, one green and one blue.

3. 500W Non-isolated UFO Driver



3. 500W Non-isolated UFO Driver **LF-H8-500V300Ax (500W)**

Input voltage: 120-347Vac (limit: 180-380Vac)

Features:

1. 0-10V/PWM/Rx dimming+12V AUX (12V, max. 200mA)
2. Efficiency up to 97%, no-load power <0.5W
3. Standard version: 3-shift DIP switch for power adjustment (can be set via LF-SCS080C);
Optional functions: 3-shift CCT adjustment, 3-shift beam angle adjustment, without afterglow
4. All-round protections: OTP, OVP, UVP, short circuit; IP65
5. Residual voltage: <2kV, to protect LEDs from high voltage damage
6. Surge protection: L-N 6kV, L/N-GND 6kV

Warranty: 50000H@Tc 85°C@full load Certification: CE

Applications: UFO high bay light



Model	Pout (W, max)	Vout (Vdc)	Iout (A)	Efficiency	PF	THD	Dimensions (φ*H/mm)
LF-H8-500V300Ax	500	180-300	0-4.17	97%	>0.98	<10%	173*66 Mounting length: 162mm

NEED DRIVER CHOOSE LIFUD

Leading Provider
for LED Driver and Intelligent System

- Full power range (1-1000W)
- All scenarios
- Fully intelligent