



LIFUD®

LIFUD TECHNOLOGY CO., LTD.

LIFUD 莱福德

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Milestones



2007

Foundation

Pioneer in non-isolated tube driver

2009

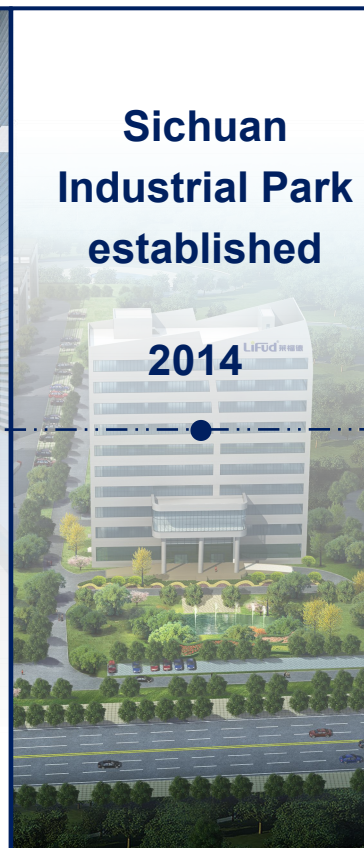


2013

Leading brand in panel LED driver

Sichuan Industrial Park established

2014



2017

Pioneer in non-isolated UFO driver

Focus on intelligent dimming driver

2020



Zhongshan Industrial Park established

2023



Leading Provider of LED Drivers and Intelligent System

Total staff
<2000

Engineers & R&D
30%

Monthly capacity
6.5M pcs



Shenzhen Headquarters

- ◆ Total area: **4,000+m²**
- ◆ R&D & marketing & sales



Chengdu R&D Center

- ◆ Specialized for intelligent drivers development



Sichuan Industrial Park

- ◆ Total area: **66,000m²**
- ◆ Monthly capacity: **6M pcs**
- ◆ Products: indoor drivers



Zhongshan Industrial Park

- ◆ Total area: **20,000m²**
- ◆ Monthly capacity: **500K pcs**
- ◆ Products: outdoor & industrial drivers

Facilities



Total area: 4,000+m²

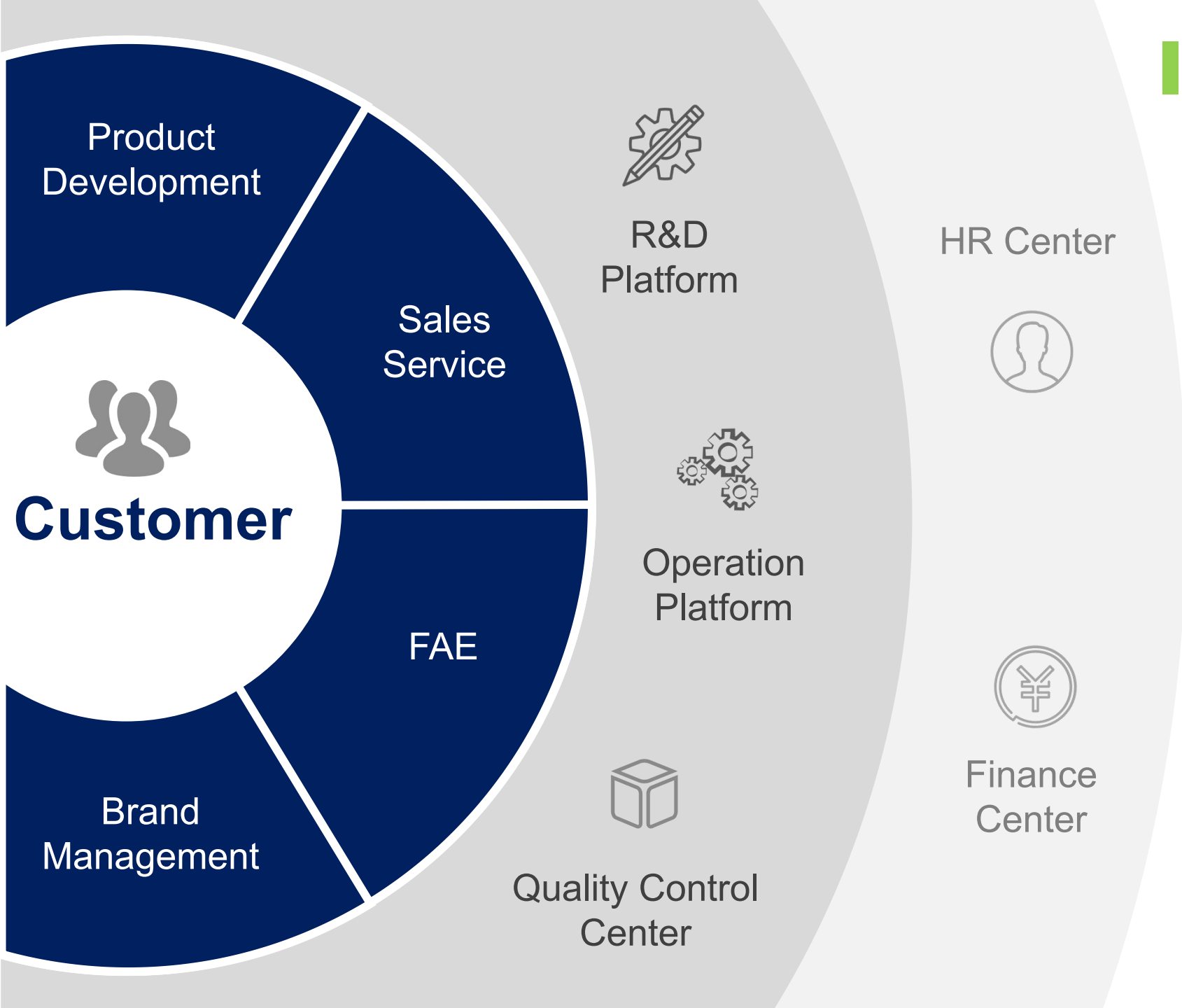


R&D & marketing & sales



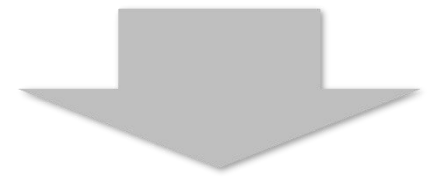
Leading Provider
of LED Drivers
and Intelligent
System





Organization

1 Purpose



Customer-first
Provide 100% Service
Gain 100% Recognition

Global Sales Network



1 headquarters, 3 branches & offices, and 20 distributors serving customers in 70+ countries and regions

General | Intelligent | High-power LED Drivers

on/off & dimmable; wired & wireless;
indoor & outdoor; CC & CV

3-1000W

Power Range

5

Categories

40+

Series

200+

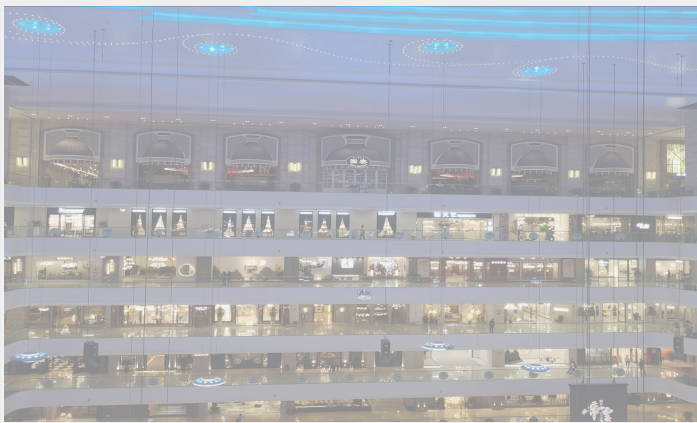
PNs

1600+

SKU



3 Product Lines



General Product Line

Indoor drivers (non dimmable)

- Panel light
- Down light
- Track light
- Linear light



Intelligent Product Line

Indoor drivers (dimmable)

- DALI DT6 & DT8
- 0-10V
- Triac
- Bluetooth, Zigbee



High-Power Product Line

- Industrial lighting
- Outdoor lighting
- Horticultural lighting
- Landscape lighting
- LED display

One-stop Provider for LED Drivers

Leading Provider for LED Driver and Intelligent System

Full power range | All scenarios | Fully intelligent

Need Driver, Choose LIFUD

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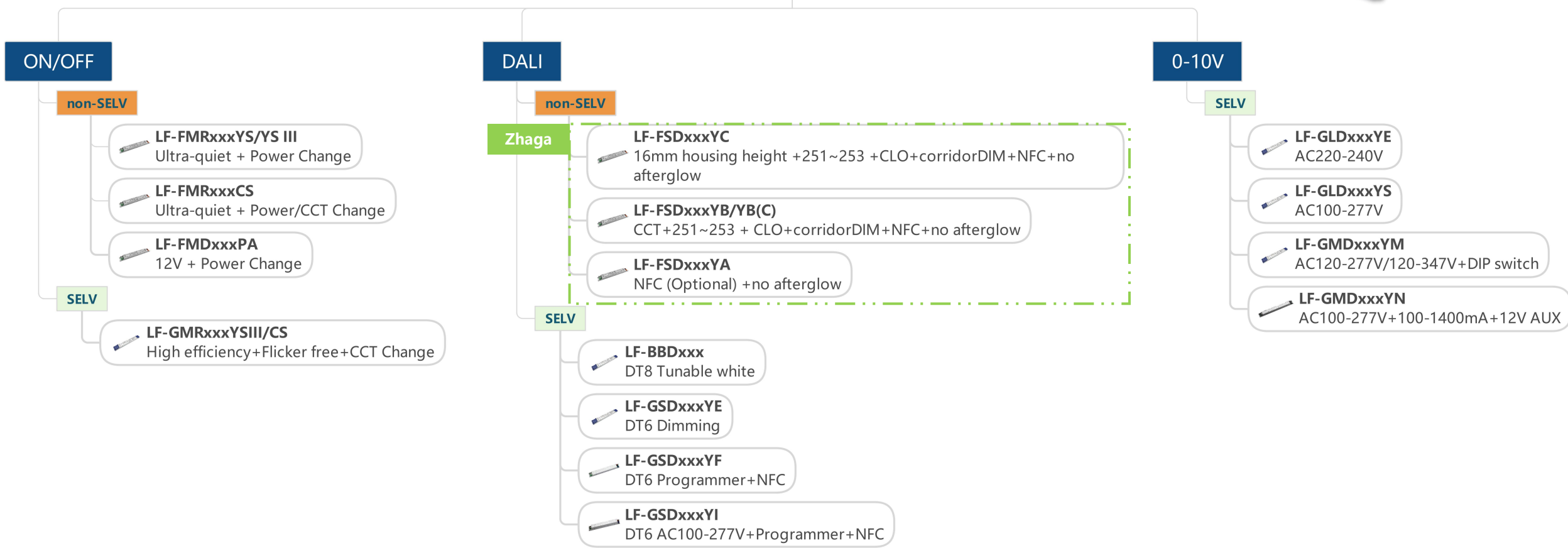


03 Discussion of Cooperation

01

Linear Drivers

Linear LED Driver Family (11-150W)



Linear Isolated Series LF-GMRxxxYS-ELS (40-65W)

Applications:
linear light, grille light, tri-proof light, etc.

➤ **Features:**

- ① Flicker free
- ② High efficiency up to 89%
- ③ Complies with the latest ErP and harmonic current emissions standards

➤ **Warranty: 5 years**



Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency (full load)	PF (full load)	Dimension L*W*H/mm
LF-GMR040YS-ELS001	40	220-240	80-150(250) 65-133(300) 65-114(350) 65-100(400)	250-400	88% (230Vac)	0.97 (230Vac)	195*30*21
LF-GMR065YS-ELS002	65	220-240	60-130(350-500) 60-145(450) 60-163(400) 60-186(350)	350-500	91% (230Vac)	0.97 (230Vac)	245*30*21
LF-GMR065YS-ELS003	65	220-240	40-93(700) 40-100(650) 40-110(600) 40-110(550)	550-700	91% (230Vac)	0.97 (230Vac)	245*30*21

*Please refer to the parameters specified the latest data sheets.



Linear Isolated Series LF-GMRxxxYSIII (8-80W)

Applications:
linear light, grille light, tri-proof light, etc.



➤ Features:

- ① Flicker free
- ② High efficiency up to 90%
- ③ Complies with ZHAGA standard
- ④ Output current adjustable via DIP switch ((S) version only)

➤ Warranty: 5 years

Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency (full load)	PF (full load)	Dimension L*W*H/mm
LF-GMR020YSIII0350H	20	220-240	20-56	350	87%	0.93	168*30*21
LF-GMR020YS0350H(S)	20	220-240	20-56	200-350	87%	0.93	168*30*21
LF-GMR040YSIII0700H	40	220-240	20-56	700	88%	0.95	210*30*21
LF-GMR040YS0700H(S)	40	220-240	20-56	400-700	88%	0.95	210*30*21
LF-GMR060YSIII1050H	60	220-240	20-56	1050	90%	0.95	280*30*21
LF-GMR060YS1050H(S)	60	220-240	20-56	700-1050	90%	0.95	280*30*21
LF-GMR080YSIII1400H	80	220-240	20-56	1400	90%	0.95	280*30*21
LF-GMR080YS1400H(S)	80	220-240	20-56	1100-1400	90%	0.95	280*30*21

Coming soon

*Please refer to the parameters specified in the latest data sheets.



Linear Non-isolated Series LF-FMRxxxYSIII (8-150W)

Applications: linear light, grille light, etc.

➤ **Features:**

- ① Output current adjustable via a DIP switch
- ② Working without buzzing noise
- ③ Best energy savings by high efficiency up to 95.5%
- ④ Ripple current <5%

➤ **Warranty: 5 years**

Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency (full load)	PF (full load)	Dimension L*W*H/mm
LF-FMR020YSIII	20	220--240	25-75	200-350	87%(230Vac)	0.93(230Vac)	168*30*21
LF-FMR040YSIII	40	220--240	40-130	200-350	91%(230Vac)	0.95(230Vac)	168*30*21
LF-FMR060YSIII	60	220--240	80-200	200-350	93%(230Vac)	0.95(230Vac)	210*30*21
LF-FMR080YSIII	80	220--240	54-230	200-550	94%(230Vac)	0.97(230Vac)	210*30*21
LF-FMR120YSIII	120	220-240	54-230	350-750	94%(230Vac)	0.98(230Vac)	280*30*21
LF-FMR150YS	150	220-240	128-350	350-700	95.5%(230Vac)	0.98(230Vac)	280*30*21



*Please refer to the parameters specified in the latest data sheets.



Non-isolated DALI Dimmable LED Driver



Model: LF-FSDxxxYA (18-150W)

➤ **Features:**

- ① Supports DALI & PUSH dimming + **Corridor function**
- ② Output current set via an exterior resistor or a programmer or NFC (150W)
- ③ Constant lumen output set via a programmer
- ④ Supports 2 sets of light fixtures connected in series
- ⑤ **Dim to off without afterglow**
- ⑥ Flicker free
- ⑦ High efficiency up to 93%

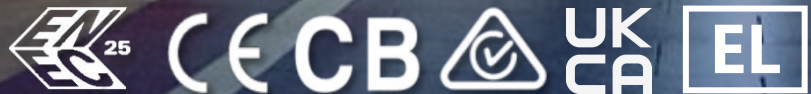


➤ **Warranty:** 5 years

Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency (full load)	PF (full load)	Dimension L*W*H/mm
LF-FSD037YA	37	220-240	54-240	75-400	90%(230Vac)	0.95(230Vac)	195*30*21
LF-FSD060YA	60	220-240	54-240	120-550	93%(230Vac)	0.95(230Vac)	245*30*21
LF-FSD075YA	75	220-240	54-240	125-900	92%(230Vac)	0.95(230Vac)	245*30*21
LF-FSD090YA	90	220-240	54-240	250-1050	93%(230Vac)	0.95(230Vac)	245*30*21
LF-FSD150YA(A)	150	220-240	64-300	250-1000	93%(230Vac)	0.95(230Vac)	355*30*21
LF-FSD150YA (NFC)	150	220-240	64-300	250-1000	93%(230Vac)	0.95(230Vac)	355*30*21



Programmable
SKUs Reduced



Main applications: tri-proof light, linear light, grille light, etc.

FSD-YB DT6 + NFC Series

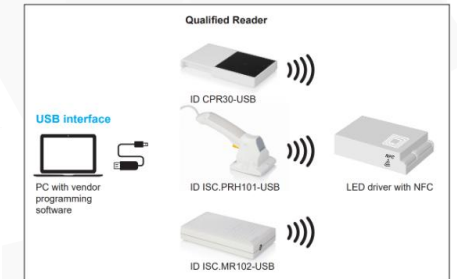


LF-FSDxxxYB (18-150W)

➤ Features:

1. DALI-2 DT6 +Push dimmable, support DALI **Part 251, 252, 253**
2. Output current, DALI parameters and advanced functions set via **FEIG NFC or Lifud NFC APP**
3. **CCT set via DIP switch in 3 shifts**
4. **Advanced functions: EL, corridorDIM, CLO**
5. Terminal blocks: 0° push terminals
6. Dimming off without afterglow; surge: PUSH: 1kV
7. Comply with ZHAGA Book 13, 24

➤ Warranty: 5 years



Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency	PF	Dimension L*W*H/mm
LF-FSD037YB	37W	220-240	54-240V	75-400	90%(230Vac)	0.95	210*30*21
LF-FSD060YB	65W	220-240	54-240V	120-550	93%(230Vac)	0.95	280*30*21
LF-FSD075YB	75W	220-240	54-240V	125-900	92%(230Vac)	0.95	280*30*21
LF-FSD090YB	90W	220-240	54-240V	250-1050	93%(230Vac)	0.95	280*30*21
LF-FSD150YB	150W	220-240	64-300V	250-1000	95%(230Vac)	0.98	360*30*21

* The index is subject to the Product Specification



FSD-YC 16mm DT6+NFC Series



LF-FSDxxxYC (40-60W)

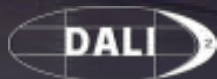
➤ Features:

1. DALI-2 DT6 +Push dimmable, **Ultra-thin height 16mm**
2. Output current, dimming curve, DALI address and other parameters set via **FEIG NFC or Lifud NFC APP**
3. Advanced functions: **EL, corridorDIM, CLO**
4. Support DALI **Part 251, 252, 253**
5. Dimming off without afterglow; surge: PUSH: 1kV
6. Comply with ZHAGA Book 13, 24

➤ Warranty: 5 years

* The index is subject to the Product Specification

Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency	PF	Dimension L*W*H/mm
LF-FSD040YC	40W	220-240	54-240V	75-400	90%(230Vac)	0.95	280*30*16
LF-FSD060YC	65W	220-240	54-240V	120-550	93%(230Vac)	0.95	280*30*16



DALI DT6 Series LF-GSDxxxYE (4-80W)

Applications: linear light, tri-proof light, etc.



➤ Features:

- ① Supports DALI & PUSH dimming; dimming curve selectable
- ② Output current adjustable via a DIP switch
- ③ Flexible installation: built-in or external method selectable
- ④ Flicker free
- ⑤ Dimming range: 0%-100%; dimming depth: 0.1%

➤ Warranty: 5 years

Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency (full load)	PF (full load)	Dimension L*W*H/mm
LF-GSD015YE	15W	220-240	25-42	100-350	85%(230Vac)	0.90(230Vac)	195*30*21
LF-GSD020YE	20W	220-240	25-42	200-500	87%(230Vac)	0.90(230Vac)	245*30*21
LF-GSD030YE	30W	220-240	25-42	550-800	87%(230Vac)	0.95(230Vac)	245*30*21
LF-GSD040YE	40W	220-240	25-42	800-1050	88%(230Vac)	0.95(230Vac)	245*30*21
LF-GSD060YE	60W	220-240	25-42	1100-1500	88%(230Vac)	0.95(230Vac)	285*30*21
LF-GSD080YE	80W	220-240	25-42	1550-2000	89%(230Vac)	0.95(230Vac)	355*30*21

*Please refer to the parameters specified the latest data sheets.



LF-GSDxxxYF (20-80W)

GSD-YF Isolated DALI NFC Driver

➤ Features:

1. DALI-2 DT6 +Push dimmable, support DALI **Part 251, 252, 253**
2. Output current, DALI parameters and advanced functions set via **FEIG NFC** or **Lifud NFC APP**
3. **Advanced functions: EL, corridorDIM, CLO**
4. Terminal blocks: 0° push terminals
5. Dimming off without afterglow; surge: PUSH: 1kV
6. Comply with ZHAGA Book 13, 24

➤ Warranty: 5 years

Model	Output Power (W, rated)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency	PF	Dimension L*W*H/mm
LF-GSD020YF	20W	220-240	15-56	150-500	86%	0.95	280*30*21
LF-GSD040YF	40W	220-240	15-56	500-1050	89%	0.95	280*30*21
LF-GSD060YF	60W	220-240	15-56	1000-1500	90%	0.95	280*30*21
LF-GSD080YF	80W	220-240	15-56	1400-2000	91%	0.95	360*30*21

* The index is subject to the Product Specification



Applications: linear light, tri-proof light, etc.



BBD DT8 Tunable White Series



LF-BBDxxx (20-60W)

➤ Features:

1. DALI-2 DT8 + Push tunable white
2. Color temperature range: 2700-6500K
3. Output current adjustable via a DIP switch (50mA)
4. Dimming depth: 0.1%; smooth dimming; flicker free
5. Supports 2-channel addresses and 2-channel outputs, suitable for separate dimming control of up and down lighting fixtures

➤ Warranty: 5 years

* The index is subject to the Product Specification

Model	Output Power (W, max)	Output Voltage (Vdc)	Output Current (mA)	PF	Efficiency	Dimension L*W*H/mm
LF-BBD040-1050-42	40W	12-42	650-1000	0.95	87%	245*30*21
LF-BBD060-1400-42	60W	12-42	1050-1400	0.95	88%	355*30*21

C.V. 24V LED Driver

Real Full Power Design



Model: LF-GHYxxx (45-240W)

➤ **Features:**

- ① Real full power design for durable application
- ② 93% high efficiency for more energy-saving lighting environment
- ③ Dynamic load regulation
- ④ Slim size with M&M Certification for wider and safer application

➤ **Warranty: 5 years**

Model	Output Power (W, max)	Output Voltage (Vdc)	Output Current (A)	Efficiency (full load)	PF (full load)	Dimension L*W*H/mm
LF-GHY045H24	45	24	0-1.875	88%	0.95(230Vac)	251*30.7*19
LF-GHY075H24	75	24	0-3.125	91%	0.95(230Vac)	316*30.7*22.8
LF-GHY100H24	100	24	0-4.25	93%	0.95(230Vac)	316*30.7*22.8
LF-GHY150H24	150	24	0-6.25	93%	0.95(230Vac)	336*30.7*22.8
LF-GHY180H24	180	24	0-7.5	93%	0.95(230Vac)	361*33.1*22.8
LF-GHY240H24	240	24	0-10	93%	0.95(230Vac)	361*33.1*22.8



Main application: LED strips, etc.

DALI DT6 CV 5-in-1 Dimming Series LF-GADxxx (40/240W)

Applications: LED strip light, etc.

➤ **Features:**

- ① Supports DALI/PUSH/0-10V/PWM/Rx dimming; dimming curve selectable
- ② Smooth dimming curve; dimming range: 0%-100%; dimming depth: 0.1%
- ③ High efficiency up to 93%
- ④ THD <10%; flicker free

➤ **Warranty: 5 years**

Model	Output Power (W, max)	Pout (Vdc)	Vout (Vdc)	Iout(A)	Efficiency (full load)	PF (full load)	Dimension L*W*H/mm
LF-GAD040	40W	220-240	24	0-1.65	91%(230Vac)	0.95(230Vac)	285*30*21
LF-GAD240	240W	220-240	24	0-10	93%(230Vac)	0.95(230Vac)	411*50*38



*Please refer to the parameters specified the latest data sheets.



DALI CV Flicker-free Series LF-GSDxxxYVxxxA/B (75-150W)



Applications: LED strip light, etc.



➤ Features:

- ① Supports DALI & PUSH dimming; dimming curve selectable
- ② Flicker free
- ③ Dimming range: 0%-100%; dimming depth: 0.1%
- ④ Surge: L-N: 2kV; THD ≤10%

➤ Warranty: 5 years

*Please refer to the parameters specified the latest data sheets.

Model	Output Power (W, max)	Pout (Vdc)	Vout (Vdc)	Iout(A)	Efficiency (full load)	PF	Dimension L*W*H/mm
LF-GSD075YV024A/B	75W	220-240	24±2%	0-3.125	91%(230Vac)	0.95	300*42*30
LF-GSD120YV012A/B	120W	220-240	12±2%	0-10	93%(230Vac)	0.95	361*42*30
LF-GSD150YV024A/B	150W	220-240	24±2%	0-6.25	93%(230Vac)	0.95	361*42*30

Remark: A version is DT8 tunable white; B version is DT6 DALI dimmable version.



0-10V Dimming CV Driver LF-GDExxxYV

Applications: LED strip, etc.



➤ **Features:**

- ① Supports 0-10V or PWM or Rx dimming
- ② Flicker free during the whole process of dimming
- ③ 0%-100% dimming range; 0.1% dimming depth

➤ **Warranty:** 5 years

P/N	Pout (Vdc)	Vout (Vdc)	Iout(A)	PF (full load)	Efficiency (full load)	Dimension L*W*H/mm
LF-GDE075YV	75	24	0-3.125	0.95(230Vac)	91%(230Vac)	300*42*30.3
LF-GDE120YV	120	12	0-10	0.95(230Vac)	93%(230Vac)	361*42*30.3
LF-GDE150YV	150	24	0-6.25	0.95(230Vac)	93%(230Vac)	361*42*30.3

*Please refer to the parameters specified the latest data sheets.



Triac Dimming CV Driver LF-GATxxx (75-150W)

Applications: LED strip, etc.



➤ Features:

- ① Supports leading edge dimming and trailing edge dimming
- ② Flicker free during the whole process of dimming
- ③ High compatibility
- ④ Built-in MCU for self-defined and gradually varied power-on functions
- ⑤ 1%-100% dimming range; 1% dimming depth
- ⑥ Surge protection: L-N: 1kV

➤ Warranty: 5 years

Model	Pout (Vdc)	Vout (Vdc)	Iout(A)	Efficiency (full load)	Dimension L*W*H/mm
LF-GAT075-3125-24	75	24	0-3.125	88%	300*42*30.3
LF-GAT150-6250-24	150	24	0-6.25	90%	360*42*30.3

*Please refer to the parameters specified the latest data sheets.



12V AUX Output LED Driver LF-FMDxxxPA (11-80W)

Applications: Tri-proof light, etc.



➤ **Features:**

- ① PWM dimmable
 - ② 12V AUX output for connecting external smart module to make light fixtures smarter
 - ③ Flicker free
- **Warranty: 5 years**

Model	Pout (Vdc)	Vout (Vdc)	Iout(mA)	Efficiency (full load)	PF (full load)	Dimension L*W*H/mm
LF-FMD020PA	30	27-57	200-350	87%(230Vac)	0.95(230Vac)	156*30*21
LF-FMD040PA	40	58-114	200-350	91%(230Vac)	0.95(230Vac)	195*30*21
LF-FMD060PA	60	115-172	200-350	92%(230Vac)	0.95(230Vac)	195*30*21
LF-FMD080PA	80	170-230	200-350	94%(230Vac)	0.95(230Vac)	195*30*21

*Please refer to the parameters specified the latest data sheets.



Magnetic Light LED Driver

Model: LF-BAXxxx (4-28W)

➤ **Features:**

- ① Various dimming modes for one-stop purchase
- ② Current adjustable via a DIP switch (in steps of 50mA) (except BAT series)
- ③ 1% dimming depth, smooth dimming
- ④ Flicker-free

➤ **Warranty:** 5 years

Model	Dimming Mode	Output Power (W, max)	Input Voltage (V)	Output Voltage (Vdc)	Output Current (mA)	Efficiency (full load)	Dimension D*H/mm
LF-BAN016	Non-dimmable	16	45-51	9-42	100-400	92%	125*14*10
LF-BAN028	Non-dimmable	28	45-51	9-42	350-700	95%	125*14*10
LF-BAT016	Triac	16	45-51	9-42	100-400	92%	125*14*10
LF-BAT028	Triac	28	45-51	9-42	350-700	95%	125*14*10
LF-BAA016	0-10V/PWM/Rx	16	45-51	9-42	100-400	92%	125*14*10
LF-BAA028	0-10V/PWM/Rx	28	45-51	9-42	350-700	95%	125*14*10
LF-BAD016 (B)	DALI DT6	16	45-51	9-42	100-400	92%	125*14*10
LF-BAD028 (B)	DALI DT6	28	45-51	9-42	350-700	95%	125*14*10
LF-BAD016 (A)	DALI DT8	16	45-51	9-42	100-400	92%	125*14*10
LF-BAD028 (A)	DALI DT8	28	45-51	9-42	350-700	95%	125*14*10
LF-BAZ016	Zigbee	16	45-51	9-42	100-400	92%	125*14*10
LF-BAZ028	Zigbee	28	45-51	9-42	350-700	95%	125*14*10

Various Dimming Options

DALI DT6/DALI DT8/0-10V/Triac/Zigbee...

Main applications: magnetic grille light, track spotlight, etc.

Mini Magnetic Light LED Driver



Model: LF-BBx (4-28W)

➤ **Features:**

① 3 options: 0-10V, Triac, ZigBee

② Mini size

③ Flicker-free

➤ **Warranty:** 5 years

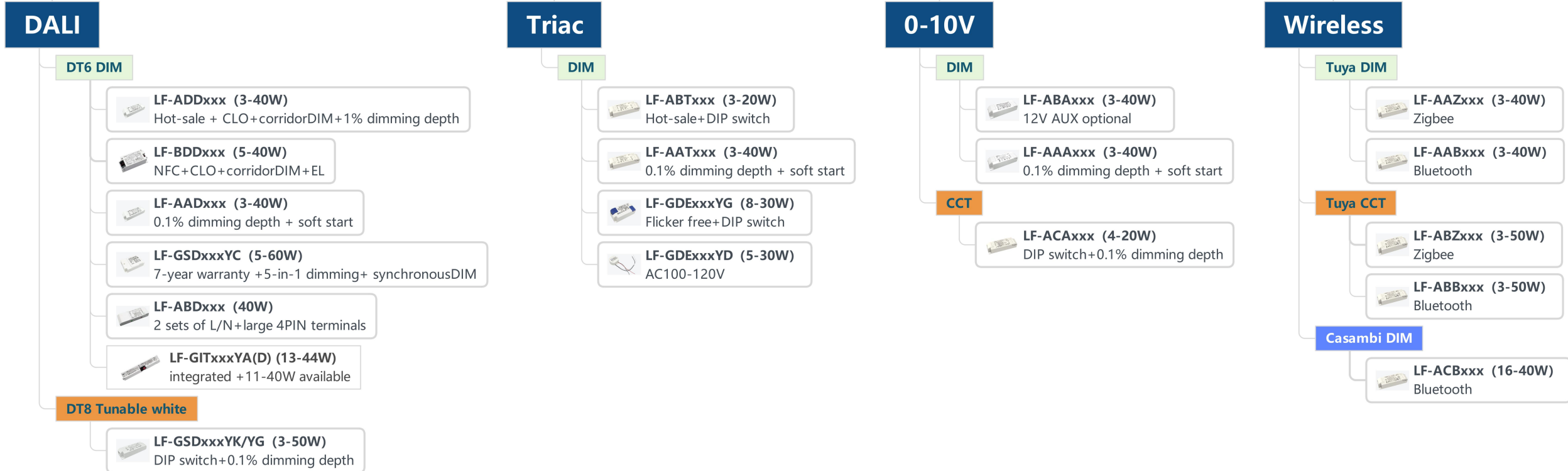
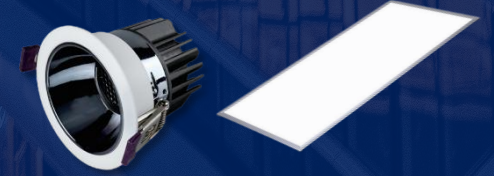
Model	Dimming Mode	Output Power (W, max)	Input Voltage (V)	Output Voltage (Vdc)	Output Current (mA)	Efficiency	Dimension L*W*H/mm
LF-BBA016-0400-42	0-10V/PWM/Rx	16	48	9-42	100-400	92%	60*13.8*10
LF-BBA028-0700-42	0-10V/PWM/Rx	28	48	9-42	350-700	92%	60*13.8*10
LF-BBZ016-0400-42	Zigbee	16	48	9-42	100-400	92%	60*13.8*10
LF-BBZ028-0400-42	Zigbee	28	48	9-42	350-700	92%	60*13.8*10
LF-BBT016-0400-42	Triac	16	48	9-42	100-400	92%	60*13.8*10
LF-BBT028-0400-42	Triac	28	48	9-42	350-700	92%	60*13.8*10

Main applications: magnetic grille light, track spotlight, etc.

02

Compact Drivers

Compact LED Driver Family (1-60W)



DALI

DT6 DIM

- LF-ADDxxx (3-40W)**
Hot-sale + CLO+corridorDIM+1% dimming depth
- LF-BDDxxx (5-40W)**
NFC+CLO+corridorDIM+EL
- LF-AADxxx (3-40W)**
0.1% dimming depth + soft start
- LF-GSDxxxYC (5-60W)**
7-year warranty +5-in-1 dimming+ synchronousDIM
- LF-ABDxxx (40W)**
2 sets of L/N+large 4PIN terminals
- LF-GITxxxYA(D) (13-44W)**
integrated +11-40W available

DT8 Tunable white

- LF-GSDxxxYK/YG (3-50W)**
DIP switch+0.1% dimming depth

Triac

DIM

- LF-ABTxxx (3-20W)**
Hot-sale+DIP switch
- LF-AATxxx (3-40W)**
0.1% dimming depth + soft start
- LF-GDExxxYG (8-30W)**
Flicker free+DIP switch
- LF-GDExxxYD (5-30W)**
AC100-120V

0-10V

DIM

- LF-ABAxxx (3-40W)**
12V AUX optional
- LF-AAAxxx (3-40W)**
0.1% dimming depth + soft start

CCT

- LF-ACAxxx (4-20W)**
DIP switch+0.1% dimming depth

Wireless

Tuya DIM

- LF-AAZxxx (3-40W)**
Zigbee
- LF-AABxxx (3-40W)**
Bluetooth

Tuya CCT

- LF-ABZxxx (3-50W)**
Zigbee
- LF-ABBxxx (3-50W)**
Bluetooth

Casambi DIM


- LF-ACBxxx (16-40W)**
Bluetooth

Compact LED Driver Family


(1-60W)




ON/OFF

 **LF-GIFxxxYS Pro**
93.5% efficiency + DIP switch + 2KV available+ low THD

 **LF-GIFxxxYS**
Two stage PFC +2KV/IP40 available+ high PF


 **LF-GIFxxxYZ**
independent/built-in use+DIP switch

 **LF-GIRxxxYS**
Flicker free + low PF


 **LF-GITxxxYA**
integrated +11-40W available

 **LF-GICxxxYSII**
Ta 70°C

 **LF-GIFxxxYF**
MINI size + Ta 55°C

 **LF-GIFxxxYF II**
Grille casing + bare board optional +Ta 55°C

ON/OFF

 **LF-GIFxxxYA Pro**
93% high efficiency

 **LF-GIRxxxYSII**
2.5cm diameter hole

 **LF-GTPxxxYA**
16mm ultra-thin

 **LF-GIFxxxYCII**
AC100-240V

 **LF-GIRxxxYK**
AC100-277V

Mini Size Flicker-free Series LF-GIRxxxYSII (1-7W)

Applications: wall light, down light, spot light, etc.

➤ Features:

- ① Mini size: oblique diameter \approx 2.5cm
- ② Moistureproof semi-glue filling design (optional)
- ③ Equipped with terminals for convenient wiring
- ④ Complies with the latest ErP and harmonic current emissions standards
- ⑤ Flicker free

➤ Warranty: 5 years



*Please refer to the parameters specified the latest data sheets.

Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency	PF	Dimension L*W*H/mm
LF-GIR003YSIIxxxxH	3	220-240	2-4	300-700	65%(230Vac)	> 0.5	84.3*20.6*16.5
LF-GIR003YSIIxxxxH(D)	3	220-240	5-10	300	70%(230Vac)	> 0.5	84.3*20.6*16.5
LF-GIR007YSIIxxxxH	7	220-240	30-40	70-180	81%(230Vac)	> 0.5	96.8*20.6*21
LF-GIR007YSIIxxxxH(D)	7	220-240	5-10	350-700	75%(230Vac)	> 0.5	96.8*20.6*21



Low PF Flicker-free Hotsale Series LF-GIRxxxYS (4-24W)

Applications: down light, spot light, etc.



➤ Features:

- ① Flicker free
- ② Screw-free end cap design effectively saves much labor cost
- ③ Complies with the latest ErP and harmonic current emissions standards

➤ Warranty: 5 years

Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency	Dimension L*W*H/mm
LF-GIR009YSxxxxH	9	220-240	25-42	135\160\180\200	83%	90*36*24
LF-GIR009YS0250H	9		25-36	250	83%	
LF-GIR009YSxxxxH	9		14-24	300\350	83%	
LF-GIR009YSxxxxH	9		8-13	500\600\700	83%	
LF-GIR013YSxxxxH	13		25-42	250\300	86%	
LF-GIR013YS0350H	13		25-38	350	86%	
LF-GIR013YSxxxxH	13		14-24	500\550	86%	96*36*24
LF-GIR013YS0600H	13		14-22	600	86%	
LF-GIR018YSxxxxH	18		25-42	300\350\400\450	87%	
LF-GIR024YSxxxxH	24		25-42	500\550	88%	96*36*24
LF-GIR024YS0600H	24		25-39	600	88%	

*Please refer to the parameters specified the latest data sheets.



High PF Flicker-free Hotsale Series LF-GIFxxxYS (5-60W)

Applications: panel light, track light, down light, spot light, ceiling light, etc.



*Please refer to the parameters specified the latest data sheets.



➤ **Features:**

- ① High PF, Flicker-free
- ② High efficiency up to 89%
- ③ THD≤20%
- ④ Suitable for Class II light fixtures

➤ **Warranty: 5 years**

Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency (full load)	PF (full load)	Dimension L*W*H/mm
LF-GIF009YS	9	220-240	25-42	135-250	84%	0.95	96*36*24
LF-GIF009YS(DIP Switch)	9	220-240	25-42	135-250	84%	0.95	96*36*24
LF-GIF013YS	13	220-240	25-42	250-350	86%	0.95	96*36*24
LF-GIF013YS(DIP Switch)	13	220-240	25-42	250-350	86%	0.95	96*36*24
LF-GIF018YS	18	220-240	25-42	350-500	86%	0.95	113*37*26.5
LF-GIF024YS	24	220-240	25-42	450-600	87%	0.95	113*37*26.5
LF-GIF030YS	30	220-240	33-40	500-750	87%	0.95	115*41*28
LF-GIF030YS(C)	30	220-240	25-42	550-750	87%	0.95	115*41*28
LF-GIF040YS	40	220-240	33-40	800-1050	88%	0.95	115*41*28
LF-GIF040YS(C)	40	220-240	25-42	800-1050	88%	0.95	115*41*28
LF-GIF050YS	50	220-240	30-40	1100-1300	89%	0.95	139.5*43*29
LF-GIF060YS	60	220-240	30-40	1350-1550	89%	0.95	139.5*43*29

GIF-YS Pro Low THD series



LF-GIFxxxYS Pro (20-40W)

➤ Features:

1. High efficiency up to 93.5%
2. Output current adjustable via DIP switch
3. Ta -30°C~+50°C
4. Low THD <10%

➤ Warranty: 5 years



Model	Output Power (W, rated)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency	PF	Dimension L*W*H/mm
LF-GIF020YSxxxxH Pro	20	220-240	25-42	250-500 350-500	92.5%	0.95	115*41*28
LF-GIF030YSxxxxH Pro	30	220-240	25-42	550-750 600-750	93.0%	0.95	115*41*28
LF-GIF040YSxxxxH Pro	40	220-240	25-42	800-1050 900-1050	93.5%	0.95	115*41*28

* The index is subject to the Product Specification



Application: panel light, etc



Super-high Efficiency Series LF-GIFxxxYA Pro (21-40W)

Applications: panel light, classroom light, ceiling light, etc.



➤ Features:

- ① High efficiency up to 93.8%
- ② Flicker free
- ③ Complies with the latest ErP and harmonic current emissions standards
- ④ THD≤15%

➤ Warranty: 5 years

Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency (full load)	PF (full load)	Dimension L*W*H/mm
LF-GIF030YA Pro	30	220-240	33-38	550-800	93.8%(230Vac)	0.95(230Vac)	115*41*28
LF-GIF040YA Pro	40	220-240	33-38	850-1050	93.8%(230Vac)	0.95(230Vac)	115*41*28

*Please refer to the parameters specified the latest data sheets.



ON/OFF Adjustable Current LED Driver



Model: LF-GIFxxxYZ (14/28/38W)

➤ **Features:**

- ① Adjustable output current with **dip-switch**
- ② Support **independent and built-in use**
- ③ Flicker free
- ④ Complies with the latest ErP and harmonic current emissions standards

➤ **Warranty: 5 years**

Model	Input Voltage (Vac)	Output Power (W, max)	Output Voltage (Vdc)	Output Current (mA)	Efficiency (full load)	Dimension L*W*H/mm (Internal/External use)
LF-GIF014YZ	220-240	14	9-42	100-400	85%	97*43*30 151*43*30
LF-GIF028YZ	220-240	28	9-42	350-700	90%	97*43*30 151*43*30
LF-GIF038YZ	220-240	38	9-42	700-1050	91%	97*43*30 151*43*30



Main applications: panel light, down light

Mini Track Light Series LF-GIFxxxYF (15-40W)

Applications: track light, ceiling light, down light, spot light, etc.



➤ Features:

- ① Compact size convenient for built-in installation
- ② Flicker free
- ③ High efficiency up to 91%, 2% higher than those of competitive products
- ④ Output current (power) adjustable via a **DIP switch**
- ⑤ Ta: 55°C
- ⑥ Complies with the latest ErP standard

➤ **Warranty: 5 years**

Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency (full load)	PF (full load)	Dimension L*W*H/mm
LF-GIF022YF	22	220-240	30-42	350-500	88%(230Vac)	0.9(230Vac)	73*41*25
LF-GIF028YF	28	220-240	30-42	550-700	91%(230Vac)	0.94(230Vac)	90*41*27
LF-GIF036YF	36	220-240	30-42	750-900	91%(230Vac)	0.94(230Vac)	90*41*27
LF-GIF040YF	40	220-240	30-42	950-1000	91%(230Vac)	0.94(230Vac)	90*41*27

*Please refer to the parameters specified the latest data sheets.



Ta 70°C Built-in Series LF-GICxxxYSII (8-40W)

Applications: track light, ceiling light, down light, spot light, etc.



➤ Features:

- ① Ta 70°C
- ② Easier installation: compact size + wiring terminal
- ③ Complies with the latest ErP and harmonic current emissions standards
- ④ Flicker free

➤ **Warranty: 5 years**

Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency (full load)	Dimension D*H/mm
LF-GIC013YSII	13	220--240	27-40	200-350	86%(230Vac)	44*24
LF-GIC020YSII	20	220--240	33-40	400-550	86%(230Vac)	50*26
LF-GIC030YSII	30	220--240	33-40	600-750	88%(230Vac)	57*26
LF-GIC040YSII	40	220--240	33-40	800-950	89%(230Vac)	65*25

*Please refer to the parameters specified the latest data sheets.



Integrated Track Light LED Driver



Model: LF-GITxxxYA/YA(D) (13-44W)

➤ **Features:**

- ① Adjustable output current with dip-switch
- ② Two versions selectable:

DALI & PUSH dimming-YA (D) version

ON/OFF-YA version

- ③ Suitable for class II light fixtures
- ④ Black&White&Gray color option

➤ **Warranty: 5 years**

Model	Dimming Mode	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Dimension L*W*H/mm
LF-GIT040YA(D)	DALI	44	220-240	9-42	300-1050	218*42*31
LF-GIT040YA	ON/OFF	44	220-240	9-42	300-1050	158*42*31



Main application: track light

DALI-2 1% dimming depth LF-ADDxxx (4-40W)

Applications: down light, panel light, etc.



➤ Features:

- ① Supports DALI & PUSH dimming; dimming curve selectable
- ② Support corridor function
- ③ Support emergency lighting
- ④ Dimming depth: 1%; smooth dimming

➤ Warranty: 5 years

Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency (full load)	PF	Dimension L*W*H/mm
LF-ADD009	9	220-240	9-42	100-200	80%(230Vac)	0.92	142*30*22
LF-ADD013	13	220-240	9-42	250-400	82%(230Vac)	0.93	142*30*22
LF-ADD030	30	220-240	9-42	400-750	87%(230Vac)	0.97	145*46*28
LF-ADD040	40	220-240	9-42	700-1050	88%(230Vac)	0.98	145*46*28

*Please refer to the parameters specified the latest data sheets.



DALI DT6 Series LF-AADxxx (4-40W)

Applications: down light, spot light, panel light, etc.



➤ Features:

- ① Supports DALI & PUSH dimming; dimming curve selectable
- ② Super compact size: can pass through 35mm diameter hole (min.)
- ③ Output current adjustable via a DIP switch
- ④ Flicker free
- ⑤ Dimming range: 0%-100%; **dimming depth: 0.1%**

➤ Warranty: 5 years

Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency (full load)	PF	Dimension L*W*H/mm
LF-AAD008	8W	220-240	2-12	350-700	76%(230Vac)	0.90	141*30*21
LF-AAD008	8W	220-240	9-42	100-350	76%(230Vac)	0.90	141*30*21
LF-AAD012	12W	220-240	9-42	150-400	82%(230Vac)	0.90	122*40*25
LF-AAD020	20W	220-240	9-42	250-500	85%(230Vac)	0.95	122*40*25
LF-AAD030	30W	220-240	9-42	400-750	85%(230Vac)	0.95	141*45*28
LF-AAD040	40W	220-240	9-42	550-1050	87%(230Vac)	0.95	141*45*28

*Please refer to the parameters specified the latest data sheets.



BDD DT6 + NFC Series



LF-BDDxxx (5-40W)

➤ Features:

1. DALI-2 DT6 & PUSH dimmable, support DALI **Part 251, 252, 253**
2. Output current, dimming curve, DALI address and other parameters set via **NFC**
3. Advanced functions: **EL, corridorDIM, CLO**
4. Complies with the standards of **Zhaga Book13, 24**, the end-cap is removable

➤ Warranty: 5 years

* The index is subject to the Product Specification

Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency	PF	Dimension L*W*H/mm
LF-BDD013	13W	220-240	9-42	100-400	82%(230Vac)	0.93	119*30*20.5
LF-BDD020	20W	220-240	9-42	250-500	88%(230Vac)	0.94	97*43*30 151*43*30
LF-BDD030	30W	220-240	9-42	400-750	89%(230Vac)	0.96	97*43*30 151*43*30
LF-BDD040	40W	220-240	9-42	550-1050	90%(230Vac)	0.98	97*43*30 151*43*30
LF-BDD040Pro	40W	220-240	9-42	550-1050	90%(230Vac)	0.98	97*43*30 151*43*30



ACB Casambi BLE Series



LF-ACBxxx (16-40W)

➤ Features:

1. Can be applied to Casambi system (Casambi dimmable)
2. Output current adjustable via a DIP switch in steps of 50mA
3. Supports EL function
4. Dimming range: 0.1%-100%
5. Complies with the standards of **Zhaga Book13**, the end-cap is removable

➤ Warranty: 5 years

* The index is subject to the Product Specification

Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency	PF	Dimension L*W*H/mm
LF-ACB040B	40W	220-240	2-54	300-1050	88.5%(230Vac)	0.95	97*43*30 151*43*30



CASAMBI



DALI DT8 Series LF-GSDxxxYK/YG (12-50W)

Applications: down light, spot light, panel light, etc.



➤ Features:

- ① Supports DALI & PUSH dimming; tunable white version (YG); dimming curve selectable
- ② Output current adjustable via a DIP switch
- ③ Flicker free
- ④ Dimming range: 0%-100%; dimming depth: 0.1%

➤ Warranty: 5 years

Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency (full load)	PF	Dimension L*W*H/mm
LF-GSD012YK	12W	220-240	9-42	100-350	83%(230Vac)	0.90	122*40*25
LF-GSD020YK	20W	220-240	9-42	350-700	85%(230Vac)	0.95	142*46*28
LF-GSD030YK	30W	220-240	20-42	350-750	85%(230Vac)	0.93	106*69*28
LF-GSD040YG	40W	220-240	20-42	550-1050	87%(230Vac)	0.95	126*81*31
LF-GSD050YG	50W	220-240	20-42	900-1200	89%(230Vac)	0.95	126*81*31

*Please refer to the parameters specified the latest data sheets.



0-10V Dimmable Series LF-ABAxXX (6-40W)

Applications: down light, panel light, etc.



➤ Features:

- ① Supports 0-10V/PWM/Rx dimming
- ② Output current adjustable via a DIP switch (in steps of 50mA)
- ③ Dim to off

➤ **Warranty:** 5 years

Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency (full load)	PF	Dimension L*W*H/mm
LF-ABA012	12W	220-240	25-42	150-300	82.5%(230Vac)	0.92	122*40*25
LF-ABA020	20W	220-240	25-42	350-500	82.5%(230Vac)	0.95	122*40*25
LF-ABA030	30W	220-240	25-42	500-750	86%(230Vac)	0.95	142*46*28
LF-ABA040	40W	220-240	25-42	800-1050	87.5%(230Vac)	0.95	142*46*28

*Please refer to the parameters specified the latest data sheets.



Triac Dimmable Series LF-ABT (8-40W)

Applications: down light, spot light, panel light, etc.

➤ **Features:**

- ① Triac dimming
- ② DIP switch: adjustable output current (in steps of 50mA)
- ③ Flicker-free

➤ **Warranty: 5 years**



Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency (full load)	PF	Dimension L*W*H/mm
LF-ABT008-0250-42	8	220-240	25-34 (250) 25-40 (200) 25-42 (100-150)	100-250	76%(230Vac)	0.92	142*30*20.5
LF-ABT014-0350-42	14	220-240	25-40 (350) 25-42 (200-300)	200-350	78%(230Vac)	0.95	122*40*25
LF-ABT040-1050-42	40	220-240	25-38 (1050) 25-42 (750-950)	750-1050	88%(230Vac)	0.94	141.5*46*27.5

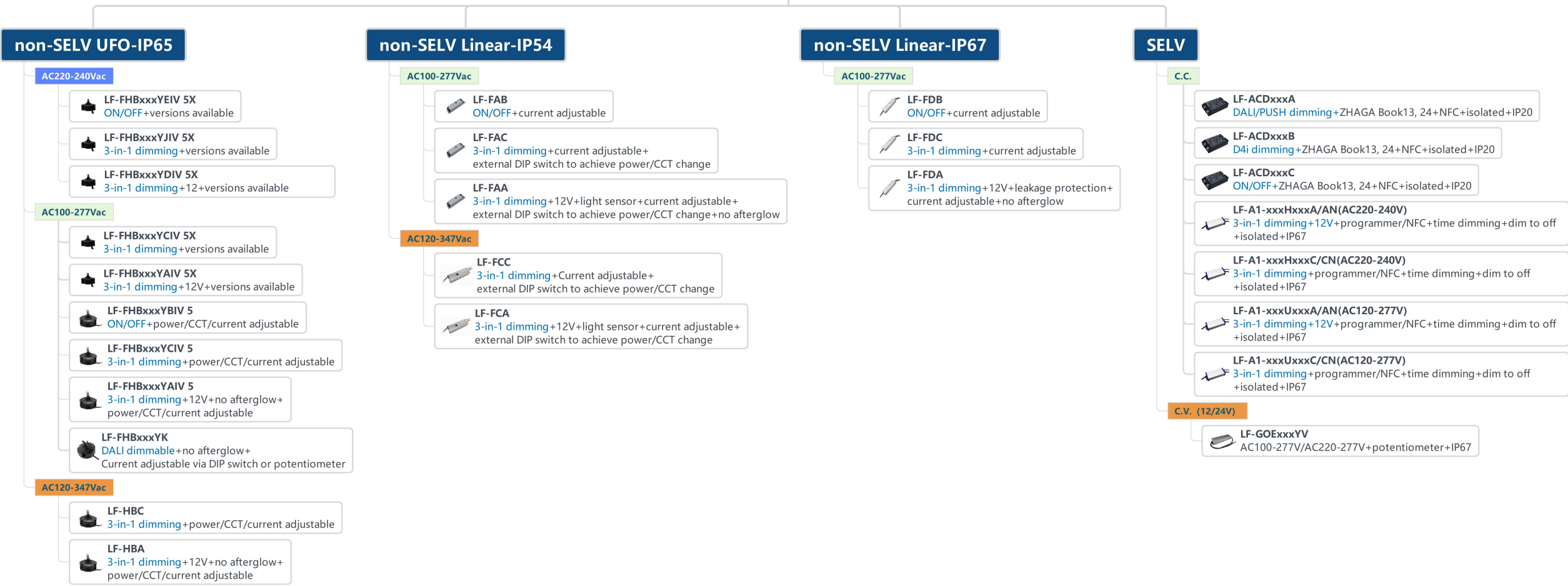
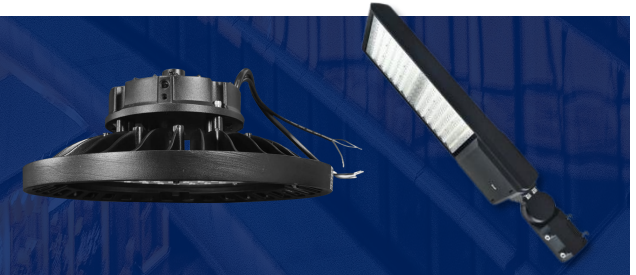
*Please refer to the parameters specified the latest data sheets.



03

High Power Drivers

High-power LED Driver Family (45-1000W)



3 Series in 6 Versions

Universal version



LF-FHBxxxYAIV 5

Input voltage: 100-277Vac
0-10V/PWM/Rx dimming + 12V

Universal version



LF-FHBxxxYBIV 5

Input voltage: 100-277Vac
Non-dimmable

Universal version



LF-FHBxxxY CIV 5

Input voltage: 100-277Vac
0-10V/PWM/Rx dimming

120-347Vac version



LF-HBAxxx

Input voltage: 120-347Vac
0-10V/PWM/Rx dimming + 12V

120-347Vac version



LF-HBCxxx

Input voltage: 120-347Vac
0-10V/PWM/Rx dimming

DALI Dimmable version



LF-FHBxxxYK

Input Voltage: 100-277Vac



FHB-YA/CIV 5X Non-isolated AC100-277V UFO Highbay Driver



Application: high bay light, etc

Model: LF-FHBxxxYA/CIV 5X (120-240W)

➤ **Features:**

1. 0-10V/PWM/Rx dimming +12V (YA); 0-10V/PWM/Rx dimming (YC)
2. Power residual voltage (<2kV) to protect LEDs
3. Surge: L-N: 6kV; L/N-GND: 6kV
4. Flicker free; high efficiency up to 96%; IP65
5. Comply with the latest ErP and DLC standards
6. Positioning hole: 113mm
7. X versions: D: potentiometer; **B: potentiometer+1 DIP switch**; T: potentiometer+2 DIP switches

➤ **Warranty: 5 years**

Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency	Dimension D*H/mm
LF-FHB120YA/CIV 5X	120	100-277	180-260	250-500 (300/400/500)	95%	127.5*58.6
LF-FHB150YA/CIV 5X	150	100-277	180-260	300-750 (370/500/620)	95%	127.5*58.6
LF-FHB200YA/CIV 5X	200	100-277	180-260	350-900 (500/670/830)	96%	127.5*58.6
LF-FHB240YA/CIV 5X	240	100-277	180-260	600-1100 (600/800/1000)	96%	127.5*58.6

* The index is subject to the Product Specification

FHB-YD/E/JIV 5X Non-isolated AC220-240V UFO Highbay Driver



Application: high bay light, etc

Model: LF-FHBxxxYD/E/JIV 5X (120-200W)

➤ **Features:**

1. 0-10V/PWM/Rx dimming +12V (YD); 0-10V/PWM/Rx dimming (YJ); non-dimmable (YE)
2. Power residual voltage (<2kV) to protect LEDs
3. Surge: L-N: 6kV; L/N-GND: 6kV
4. Flicker free; high efficiency up to 96%; IP65
5. Comply with the latest ErP and DLC standards
6. Positioning hole: 113mm
7. X versions: **D**: potentiometer; **B**: potentiometer+1 DIP switch; **T**: potentiometer+2 DIP switches

➤ **Warranty: 5 years**

Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (mA)	Efficiency	Dimension D*H/mm
LF-FHB080YD/E/JIV 5X	80	220-240	180-260	200-400 (200/280/350)	93%	127.5*58.6
LF-FHB120YD/E/JIV 5X	120	220-240	180-260	250-500 (300/400/500)	94%	127.5*58.6
LF-FHB150YD/E/JIV 5X	150	220-240	180-260	500-750 (370/500/620)	95%	127.5*58.6
LF-FHB200YD/E/JIV 5X	200	220-240	180-260	650-900 (500/670/830)	96%	127.5*58.6

* The index is subject to the Product Specification

DALI Dimmable Highbay LED Driver

DALI 2



Model: LF-FHBxxxYK (120-240W)

➤ **Features:**

- ① Supports DALI dimming; dim to off without afterglow
- ② Current adjustable via a DIP switch or a potentiometer
- ③ Residual voltage <2kV (1-3kV lower than its competing products) to protect LEDs from high voltage
- ④ Surge protection: L-N: 6kV, L/N-GND: 6kV
- ⑤ IP65; flicker-free; high efficiency up to 96%
- ⑥ Complies with the latest ErP standard

➤ **Warranty: 5 years**

Model	Output Power (W, max)	Input Voltage (V)	Output Voltage (V)	Output Current via a potentiometer (A)	Efficiency (full load)	Dimension D*H/mm
LF-FHB120YK	120	100-277	180-260	0.25-0.50	94%	127.3*61.3
LF-FHB150YK	150	100-277	180-260	0.50-0.75	94%	127.3*61.3
LF-FHB200YK	200	100-277	180-260	0.65-0.9	96%	146*61.3
LF-FHB240YK	240	100-277	180-260	0.75-1.1	96%	146*61.3

Non-isolated UFO Power + CCT + Current Adjustable Highbay Driver



Pioneer Design
CCT + Current + Power Adjustable



Model: LF-FHBxxxYx IV 5 (120-240W)



➤ Features:

- ① Pioneer design—current (via a potentiometer) + power (via DIP switch 1) + CCT (via DIP switch 2) adjustable (optional)
- ② Lower residual voltage (<2kV) to protect LEDs
- ③ Surge: L-N: 6kV; L/N-GND: 6kV
- ④ Optional 12V AUX output (200mA)
- ⑤ Flicker free; high efficiency up to 96%; IP65
- ⑥ Complies with the latest ErP and DLC standards
- ⑦ Dim to off without afterglow (optional)

➤ Warranty: 5 years

Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current Adjustable via a Potentiometer(A)	Efficiency (full load)	Dimension D*H/mm
LF-FHB120YA/B/C IV 5	120	100-277	180-260	0.30-0.50	95%	127.5*58.6
LF-FHB150YA/B/C IV 5	150	100-277	180-260	0.37-0.75	95.3%	127.5*58.6
LF-FHB200YA/B/C IV 5	200	100-277	180-260	0.50-0.90	96%	127.5*58.6
LF-FHB240YA/B/C IV 5	240	100-277	180-260	0.60-1.10	96%	127.5*58.6
LF-FHB320YA/B/C X	320	100-277	180-260	1.1-1.5	96%	127.5*58.6

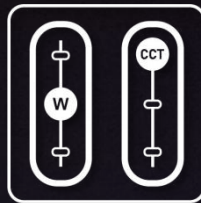
3 versions:

YA: 3-in-1 dimming + 12V AUX output

YB: non-dimmable

YC: 3-in-1 dimming

FAX Series (40-80W) IP42 Non-isolated



Main applications: street light, flood light, wall light, shoebox light



Model: LF-FAx (40-80W)

Features:

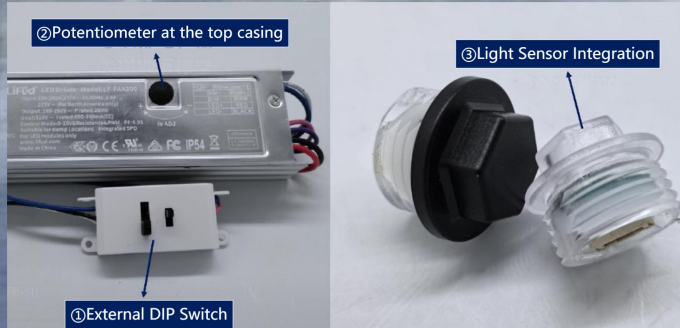
1. Three versions: 3-in-1 dimming; 3-in-1 dimming+ 12V AUX output; non-dimmable
2. Current adjustable via Potentiometer
3. Support to connect external DIP switch to achieve CCT change & power adjustment
4. Flicker free (percent flicker≤1%);
5. IP42; Terminal design
6. The output residual voltage < 2KV, protecting the LEDs from being damaged by high voltage (1-3KV lower than competitors)
7. Surge protection: L-N 4kV, L/N-GND 6kV

Warranty: 5 years

Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (A)	Efficiency (full load)	Dimension D*H/mm
LF-FAx040	40	100-277	180-260Vdc	0.12-0.20	92.0%	139*42.8*26.5
LF-FAx060	60	100-277	180-260Vdc	0.18-0.30	92.5%	139*42.8*26.5
LF-FAx080	80	100-277	180-260Vdc	0.25-0.40	93.0%	149*42.8*26.5

3 versions: non-dimmable (B); 3-in-1 dimming + 12V AUX output (A) & 3-in-1 dimming (C)

FAA IP54 No-afterglow Driver



Application: street light, flood light, wall light, shoebox light, linear high bay light, etc

Model: LF-FAA series (100-400W)

➤ Features:

1. 0-10V/PWM/Rx dimming +12V output
2. **Warehouse set free & inventory cost reduced**
 - ① DIP switch modules for CCT & power externally connected
 - ② Current adjustable via a potentiometer at the top casing of LED driver
 - ③ Sensor control
3. Residual voltage <2kV to protect LEDs from high voltage
4. Surge protection: L-N: 6kV, L/N-GND: 6kV
5. Flicker-free; high efficiency up to **96%**; IP54
6. Comply with the latest ErP and DLC standards

➤ Warranty: 5 years

Model	Output Power/W	Input Voltage/V	Output Voltage /V	Output Current/mA	Efficiency	Dimension L*W*H/mm	Certification
LF-FAA100W	100	100-277	180-260	250-500	93.0%	168.5*48*34	UL/FCC
LF-FAA150W	150	100-277	180-260	500-750	93.0%	168.5*48*34	UL/FCC
LF-FAA200W	200	100-277	180-260	650-900	95%	204*48*34	UL/FCC
LF-FAA240	240	100-277	180-260	750-1100	95%	204*48*34	UL/FCC/ENEC /CE/CB/RCM/ SAA
LF-FAA320	320	100-277	180-260	1100-1500	96%	224*48*34	UL/FCC/ENEC /CE/CB/RCM/ SAA
LF-FAA400	400	100-277	180-260	1400-1800	96%	251*59*38	UL/FCC

* The index is subject to the Product Specification

FAA IP54 Non-isolated Driver



Model: LF-FAA (600-1000W)

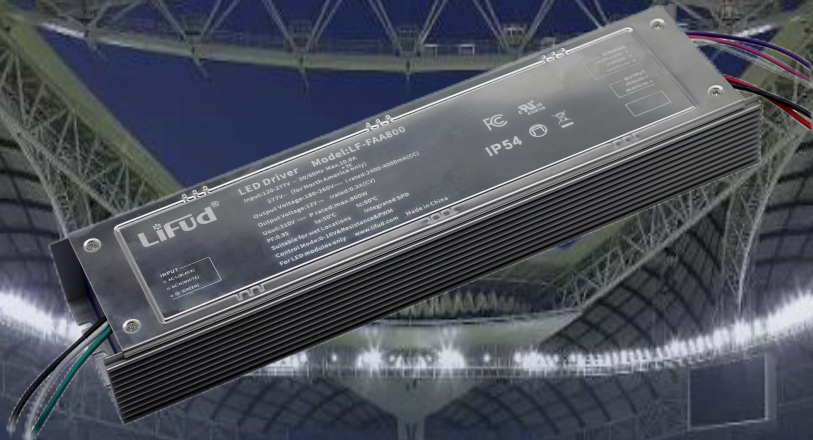
➤ **Features:**

1. 0-10V/PWM/Rx dimming +12V
2. Output current adjustable via offline **programmer**
3. Residual voltage <2kV (1-3kV lower than its competitive products) to protect LED beads from high voltage
4. Surge protection: L-N 6KV, L/N-GND 10KV
5. Flicker-free; 97% high efficiency
6. Dimming off without afterglow

➤ **Warranty: 5 years**

Model	Output Power (W)	Input Voltage (V)	Output Voltage (V)	Output Current (mA)	Efficiency	Dimension L*W*H/mm
LF-FAA600	600	120-277	180-260	1800-3000	97%	278.5*81.5*41.3
LF-FAA800	800	120-277	180-260	2400-4000	97%	316*81.5*41.3
LF-FAA1000	1000	120-277	180-260	3000-5000	97%	316*81.5*41.3

* The index is subject to the Product Specification



Application: flood light, stadium light, grow light, high-pole light

FAx/FCx IP54 Non-isolated Driver



Model: LF-FAx/FCx series (400W)

➤ **Features:**

1. **Warehouse set free & inventory cost reduced**

- ① DIP switch modules for CCT & power externally connected
- ② Current adjustable via a potentiometer at the top casing of LED driver
- ③ Sensor control

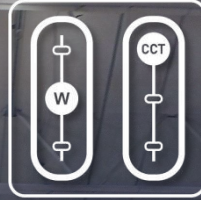
2. Residual voltage <2kV to protect LEDs from high voltage

3. Surge protection: L-N: 4kV/6kV(400W), L/N-GND: 6kV

4. Flicker-free; high efficiency up to **96%**; IP54

5. Comply with the latest ErP and DLC standards

➤ **Warranty: 5 years**



Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (A)	Efficiency	Dimension L*W*H/mm
LF-FA/Cx100	100	100-277/ 120-347	180-260	0.25-0.50	93%	154*48*34
LF-FA/Cx150	150	100-277/ 120-347	180-260	0.50-0.75	93%	169*48*34
LF-FA/Cx200	200	100-277/ 120-347	180-260	0.65-0.9	95%	169*48*34
LF-FA/Cx240	240	100-277/ 120-347	180-260	0.75-1.1	96%	204*48*34
LF-FA/Cx320	320	100-277/ 120-347	180-260	1.1-1.5	96%	204*48*34
LF-FA/Cx400	400	100-277/ 120-347	180-260	1.4-1.8	96%	251*59*38



Applications: street light, flood light, wall light, shoebox light

3 versions: non-dimmable (B); 3-in-1 dimming + 12V AUX output (A) & 3-in-1 dimming (C)

FDx Series (100-320W) IP67 Non-isolated



Application: street light, flood light, shoebox light, etc



LF-FDA/B/C (100-320W)

Input Voltage: 100-277Vac

➤ **Features:**

1. 3 versions:

FDA: 0-10V/PWM/Rx dimming +12V

FDB: non-dimmable

FDC: 0-10V/PWM/Rx dimming

2. **Warehouse set free & inventory cost reduced**

① DIP switch modules for CCT & power externally connected

② Current adjustable via a potentiometer

3. Surge protection: L-N6KV; L/N-GND6KV

4. Flicker-free; 96% high efficiency; **IP67**

5. Complies with the latest ErP and DLC standards

➤ **Warranty: 5 years**

Model	Output Power/W	Output Voltage /V	Output Current/mA	Efficiency	PF	Dimension L*W*H/mm
LF-FDA/B/C100	100	180-260Vdc	250-500	93%	0.90(277Vac)	160*58.8*33
LF-FDA/B/C150	150	180-260Vdc	500-750	93%	0.90(277Vac)	175*58.8*33
LF-FDA/B/C200	200	180-260Vdc	650-900	94.5%	0.90(277Vac)	192*58.8*37
LF-FDA/B/C240	240	180-260Vdc	750-1100	94.5%	0.90(277Vac)	209*58.8*37
LF-FDA/B/C320	320	180-260Vdc	1100-1500	94.5%	0.90(277Vac)	228*58.8*37

* Specifications are in accordance with the Product Specification.

FDA Series (420-1000W)

IP67 Non-isolated



LF-FDA (420-1000W)

Input Voltage: 100-277Vac

Features:

1. 0-10V/PWM/Rx dimming +12V
2. Current adjustable via **programmer**
3. Residual voltage <2kV (1-3kV lower than its competitive products) to protect LED beads from high voltage
4. Surge protection: L-N 6KV, L/N-GND 10KV
5. Flicker-free; 97% high efficiency;
6. Dimming off without afterglow; **leakage protection**

Warranty: 5 years

Model	Max. Power (W)	Input Voltage (V)	Output Voltage (V)	Output Current (mA)	Efficiency (Full load)	Dimension L*W*H/mm
LF-FDA420	420	100-277	180-260	1200-2000	96%	253*69.5*36.6
LF-FDA600	600	100-277	180-260	1800-3000	96.5%	280*87*39.5
LF-FDA800	800	100-277	180-260	2400-4000	96.5%	317*87*39.5
LF-FDA1000	1000	220-277	180-260	3000-5000	97%	317*87*39.5



Application: flood light, stadium light, grow light, high-pole light

* Specifications are in accordance with the Product Specification.

ACD Built-in Outdoor NFC Driver



LF-ACD (40-165W)



➤ Feature:

1. DALI/PUSH dimmable, support DALI part 251, 252, 253, time dimming
2. Output current and parameters set via DALI programmer or NFC
3. High AUX capability: 24Vdc, 125mA; Integrated 16Vdc DALI-2 BUS power supply, **for D4i version only.**
4. All-round protection: over voltage, under voltage, overload, over-temperature and short-circuit protection
5. Support external NTC resistor to monitor luminaire temperature
6. Surge protection: L-N: 6KV; L/N-GND: 10KV
7. Comply with **Zhaga Book 13, 24**
8. IP20, suitable for Class I/II light fixtures with IP>54

➤ Warranty: 8 years

Model	Output power	Input voltage(Vac)	Output Voltage(Vdc)	Ouput current (mA)	Efficiency	PF	dimension L*W*H/mm
LF-ACD040A/B	40W	220-240	17-57	200-1050	89%	0.95	133*77*33.5
LF-ACD075A/B/C	75W	220-240	35-115	200-1050	91%	0.97	133*77*33.5
LF-ACD120A/B	120W	220-240	54-220	200-1050	93%	0.97	150*90*40
LF-ACD165A/B	165W	220-240	79-236	200-1050	94.8%	0.97	150*90*40

* The index is subject to the Product Specification

A version: DALI

B version: D4i — 75W available in Q2 2024, 165W & 120W in June

C version: On/off



Applications: street light, flood light, wall light, shoebox light



A1 Programmable IP67 Isolated Driver

Model: LF-A1-xxxH/U105A/C (75-240W)



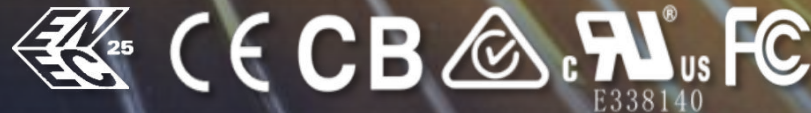
➤ **Features:**

1. 0-10V/PWM/Rx dimming +12V(A); 0-10V dimming(C)
2. Output current and parameters set via NFC or Programmer (LF-SCS080C)
3. Dim to off; standby consumption<0.5W
4. Surge protection: L-N 6KV; L/N-GND 10KV
5. Support Time Dimming

➤ **Warranty: 5 years**



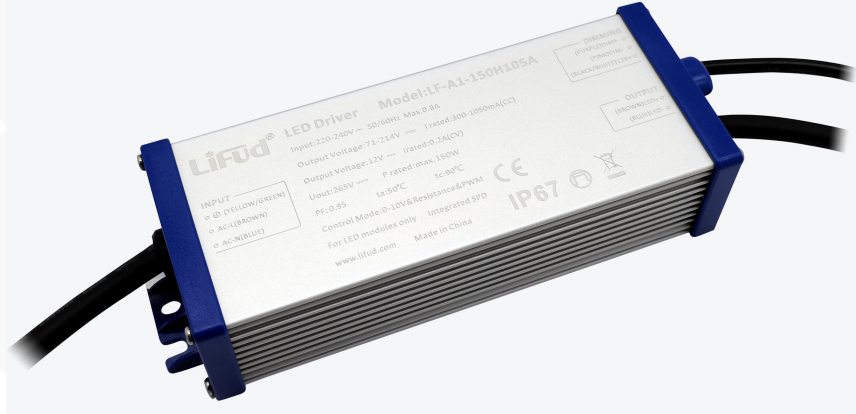
Model	Output Power (W, max)	Input Voltage (Vac)	Output Voltage (Vdc)	Output Current (A)	Efficiency	Dimension D*H/mm
LF-A1-075H105A/C LF-A1-075H105AN/CN	75	220-240	36-108	0.3-1.05	91%	154.4*67.4*37.4
LF-A1-100H105A/C LF-A1-100H105AN/CN	100	220-240	48-144	0.3-1.05	91%	154.4*67.4*37.4
LF-A1-150H105A/C LF-A1-150H105AN/CN	150	220-240	72-214	0.3-1.05	92%	182.4*67.4*39.9
LF-A1-150U105A/C LF-A1-150U105AN/CN	150	120-277	72-214	0.3-1.05	92%	182.4*67.4*39.9
LF-A1-200U105A/C LF-A1-200U105AN/CN	200	120-277	130-286	0.3-1.05	93%	221.4*67.4*39.9
LF-A1-240U105A/C LF-A1-240U105AN/CN	240	120-277	190-356	0.3-1.05	94%	221.4*67.4*39.9



Application: street light, flood light, wall light, shoebox light, etc

* LF-A1-100H105A/C: parameters set via programmer
LF-A1-100H105AN/CN: parameters set via NFC

A1 Series IP67 Isolated Street Light Driver **30-60W**



LF-A1-xxxH/UxxxA/B/C

Feature:

1. 0-10V/PWM/Rx dimming +12V(A); 0-10V dimming(C); Non-dimmable(B)
2. Output current set via potentiometer(B) or programmer(A/C)
3. Dim to off; standby consumption < 0.5W
4. Surge protection: L-N 4KV; L/N-GND 6KV
5. 0-10V/1-10V/PWM/Rx/Time dimming

Warranty: 5 years

Model	Max Power	Input Voltage	Output Voltage	Output Current	PF	Dimension L*W*H/mm
LF-A1-040HxxxA/B/C	40W	220-240V	27-56V	0.6-1.34A	0.95	XXX*67.4*37.4mm
LF-A1-060HxxxA/B/C	60W		27-56V	1.0-2.0A	0.95	XXX*67.4*37.4mm
LF-A1-030UxxxA/B/C	30W	120-277V	27-56V	0.5-1.05A	0.95	XXX*67.4*37.4mm
LF-A1-050UxxxA/B/C	50W		27-56V	0.7-1.65A	0.95	XXX*67.4*37.4mm
LF-A1-050UxxxA/B/C	50W		45-90V	0.55-0.9A	0.95	XXX*67.4*37.4mm

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 Lifud Catalogue in April 2024 2024/4/19 21:01 XLS 工作表 115,496 KB

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Sales Tools




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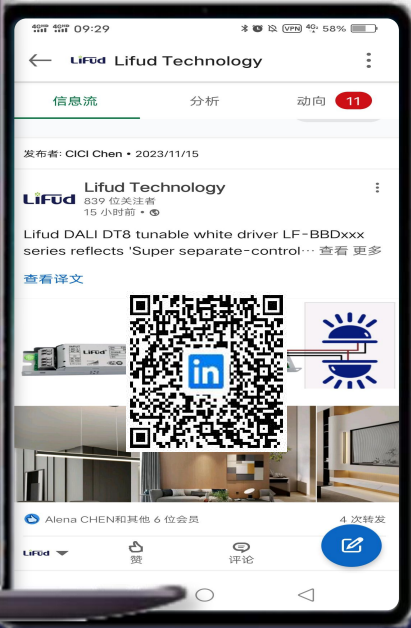
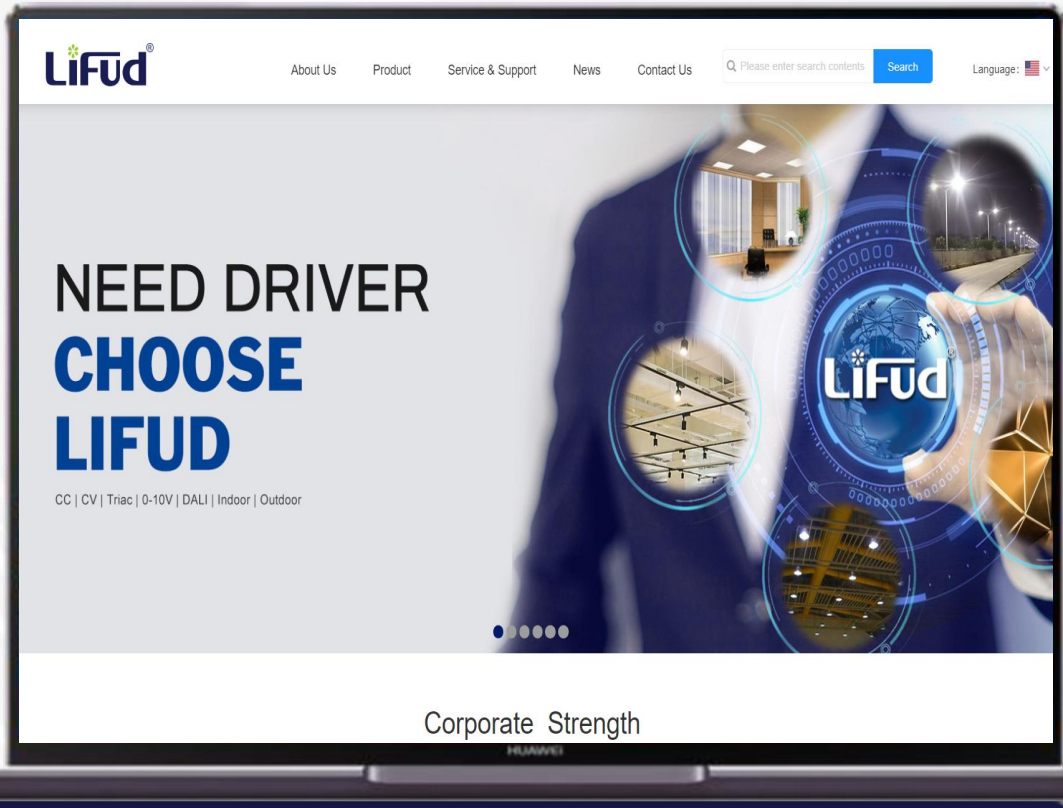
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