



Indoor LED Driver Catalogue 2023^{Aug.}

LED Driver | Intelligent System Solution



Contact Us: EAGLERISE ELECTRIC & ELECTRONIC (CHINA) CO., LTD.

Address of Manufacturer: No. 4 East Huanzhen Road, Beijiao, Shunde
Foshan, Guangdong, 528311, China

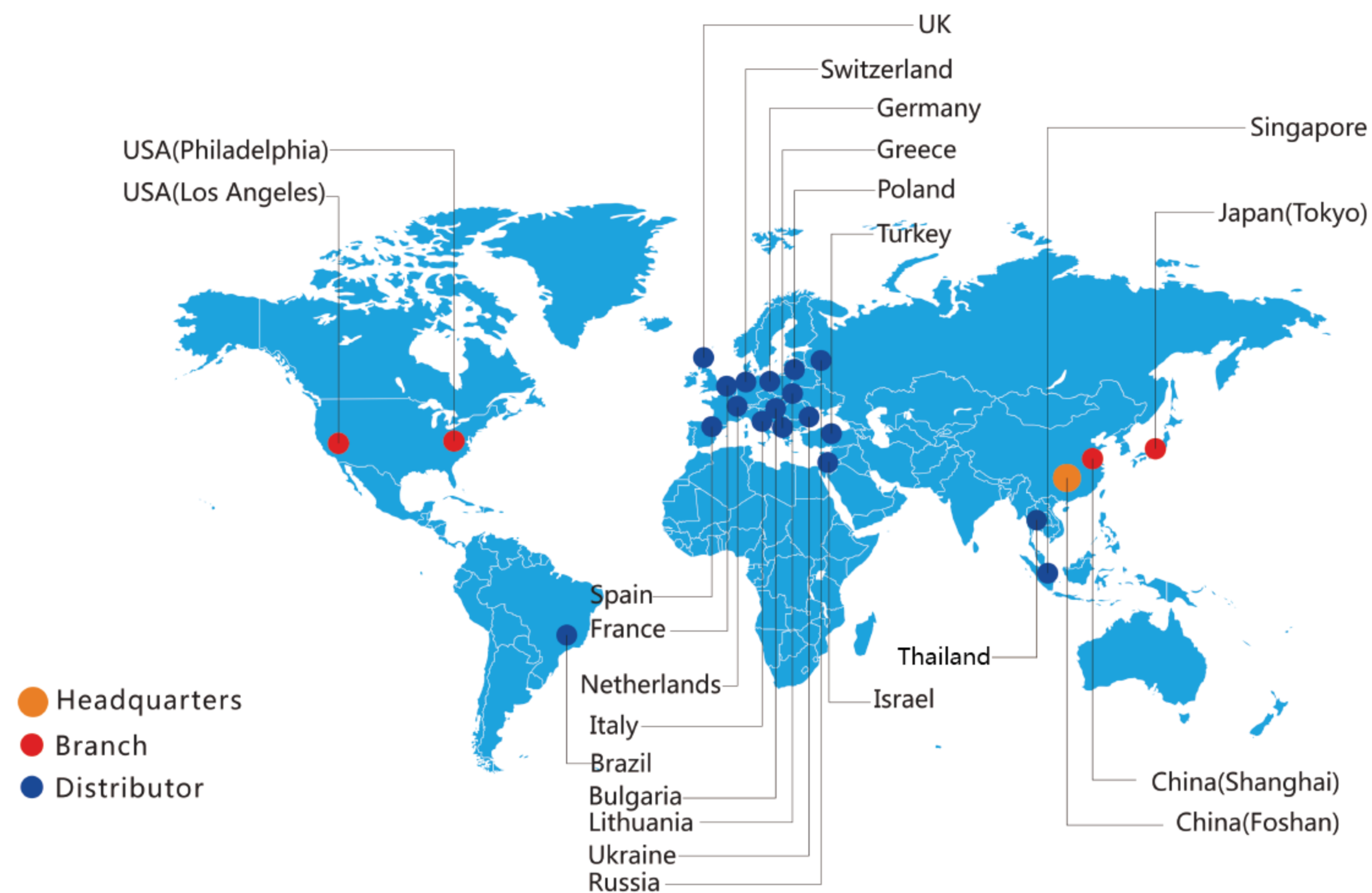
Tel: (86 757) 8626 6822 (86 757) 8626 6816 E-mail: sales@eaglerise.com
Fax: (86 757) 8626 9260 Homepage: lighting.eaglerise.com

WeChat



Website





ABOUT EAGLERISE

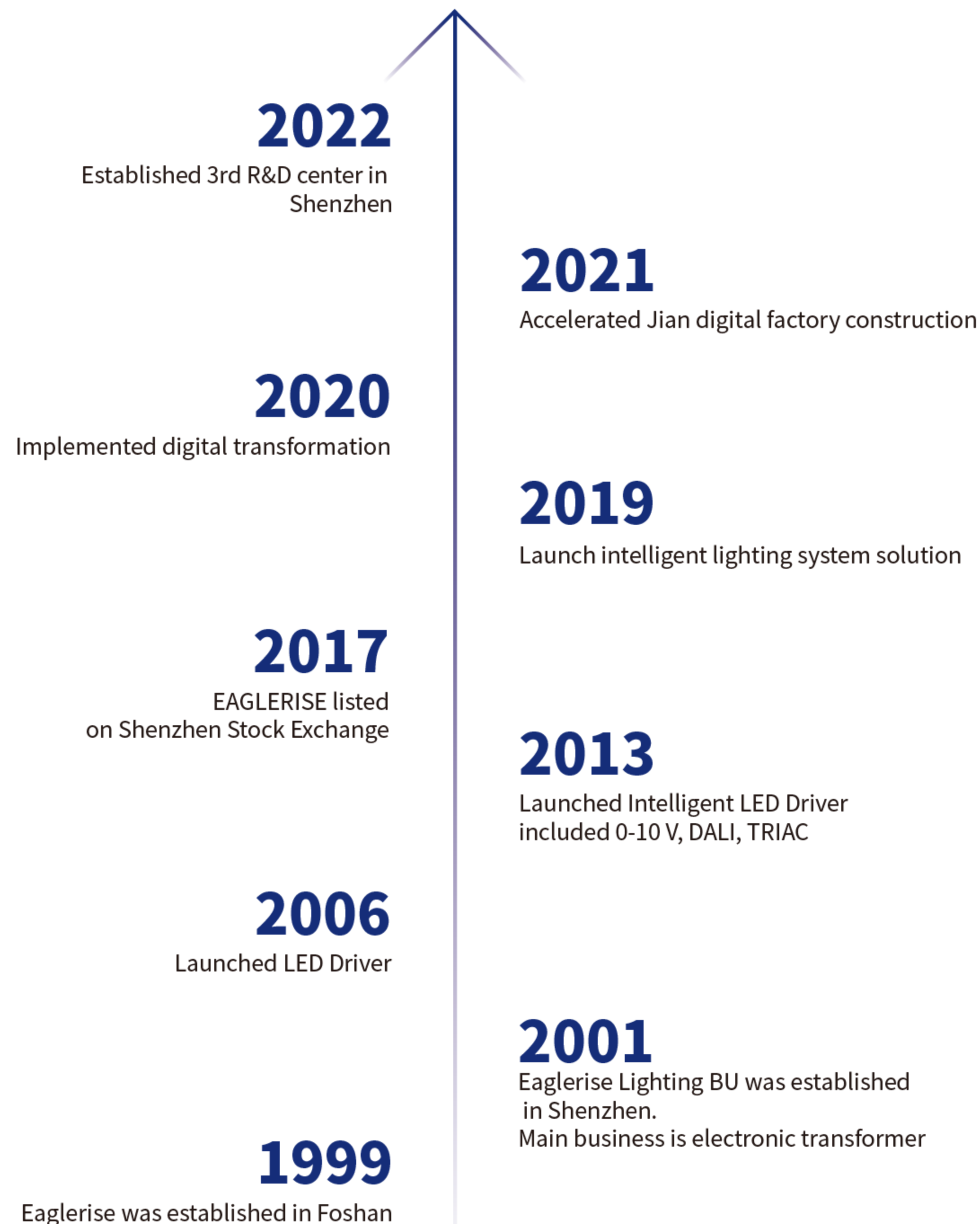
Company Profile

Eaglerise Electric & Electronic (China) Co., Ltd. was established in 1990s in Foshan, China. Now we have 3 production bases, 3 R&D centers, 4,5000 square meters manufacturing plant and about 3000 employees. Eaglerise is devoted to provide competitive power supplies, component products and solutions to the global market. Our main product lines include 8 major categories and over 500 models covering LED driver, LED application product, switching power supply, power supply transformer, inductor, special type transformer, reactor, distribution transformer, widely used in the fields of lighting, renewable energy, industrial control, electricity utility, etc. Eaglerise is making continuous efforts to become a first-class industry supplier.

To follow markets and focus on customers, Eaglerise set up its sales and marketing branches in Shanghai, Japan, USA and Germany. Eaglerise is proud of being valuable and loyal cooperators to all its customers, suppliers, and business partners.

In December 2017, Eaglerise was successfully listed in Shenzhen Stock Exchange and officially became a public company. This could be better to create continuously increasing value to customers, employees, shareholders and society.

Development History



Engineering Cases



Beijing Great Hall of the people



Beijing Daxing Airport



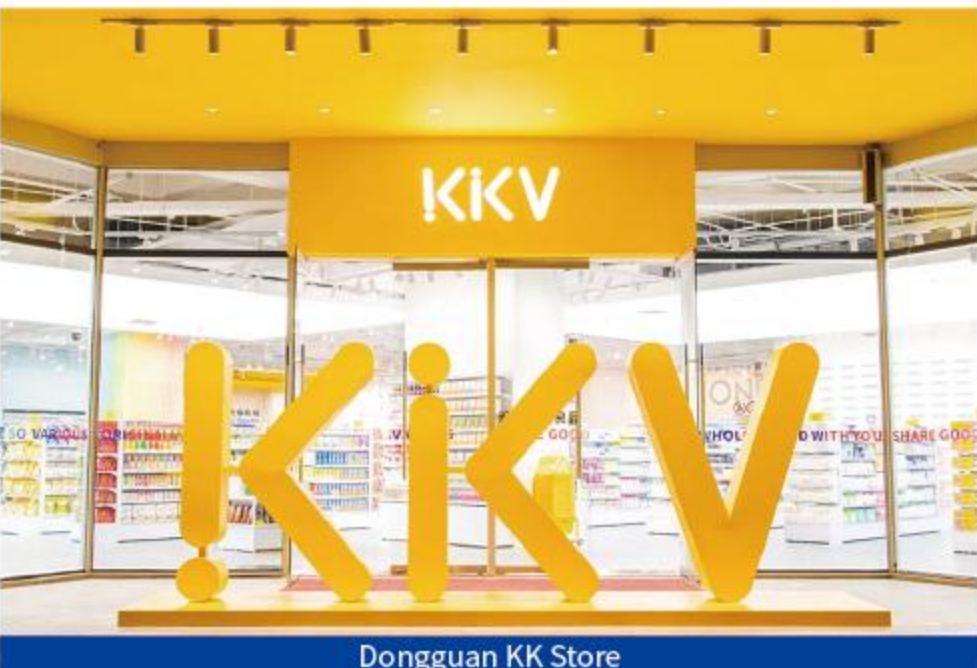
Tianjing Fangte Hotel



Starbucks Reserve



Nanchang Metro



Dongguan KK Store



Porsche Automobile Sales Serviceshop



Purcotton KIDS

Naming Rules

Adjustable or not

- F Output current adjustable
- Others Empty

Shape

- C Circle
- L Long Rectangles (2.0≤L:W<4.0)
- V Longer Rectangles (L:W≥4.0)
- S Square Plastic (L:W<2.0)
- M Metal Rectangles
- U Ultrathin (height less than 18mm)
- P Plug-in
- N Bare board, no shell
- R Oval, horseshoe shape
- W The wall type
- K Metal Square (L:W<2.0)
- D Intergrated
- A Australian standard big terminal

Input Voltage

- S 220-240 VAC
- H 100-240 VAC
- E 100-120 VAC
- X 100-277 VAC
- P 100 VAC
- L less than 90 VAC
- D less than 90 VDC
- M No EMC
- N USA 120 VAC
- W USA 120-277 VAC

Output Voltage

- eg. : 6 6W
- 40 40W
- 350 350W

Output Current/ Voltage

- eg. : C.C : 120 120mA
- 1050 1050mA
- (If the first letter is "F", they mean maximun current)
- C.V : 12 12V
- 24 24V

IP Grade (optional)

- IP20 Defaulty empty
- IP65 IP65
- IP67 IP67

FLS-30-700 IP65 N-S DALI-2 LA1 ECO

Version (optional)

- E/ ECO Basic version
- EXC Basic version, 0.9 PF
- ADV Advanced version
- PRO Professional version

Generation Number (optional)

- 1 First generation
- 2 Second generation

Current Adjustable & Terminal & Cable

Output current not adjustable:

- I Terminal/ Independent
- X Terminal/ Built-in
- R 2 slots
- Y Cable/ Independent
- B Cable/ Built-in

Output current adjustable:

- A Dip switch/ Terminal/ Independent
- F Dip switch/ Cable/ Built-in
- S Dip switch/ 2 slots
- M NFC/ 2 slots
- N NFC/ Terminal/ Built-in
- D Dip switch/ Terminal/ Built-in
- C By resistor/ Terminal/ Independent
- E By resistor/ Terminal/ Built-in
- P Programmable/ Terminal/ Built-in
- Q Programmable/Terminal/Independent

Power Factor & Flicker

- L 0.9PF & flicker-free
- M 0.8PF & flicker-free
- S 0.5PF & flicker-free
- R 0.9PF & flicker

Dimming Mode (optional)

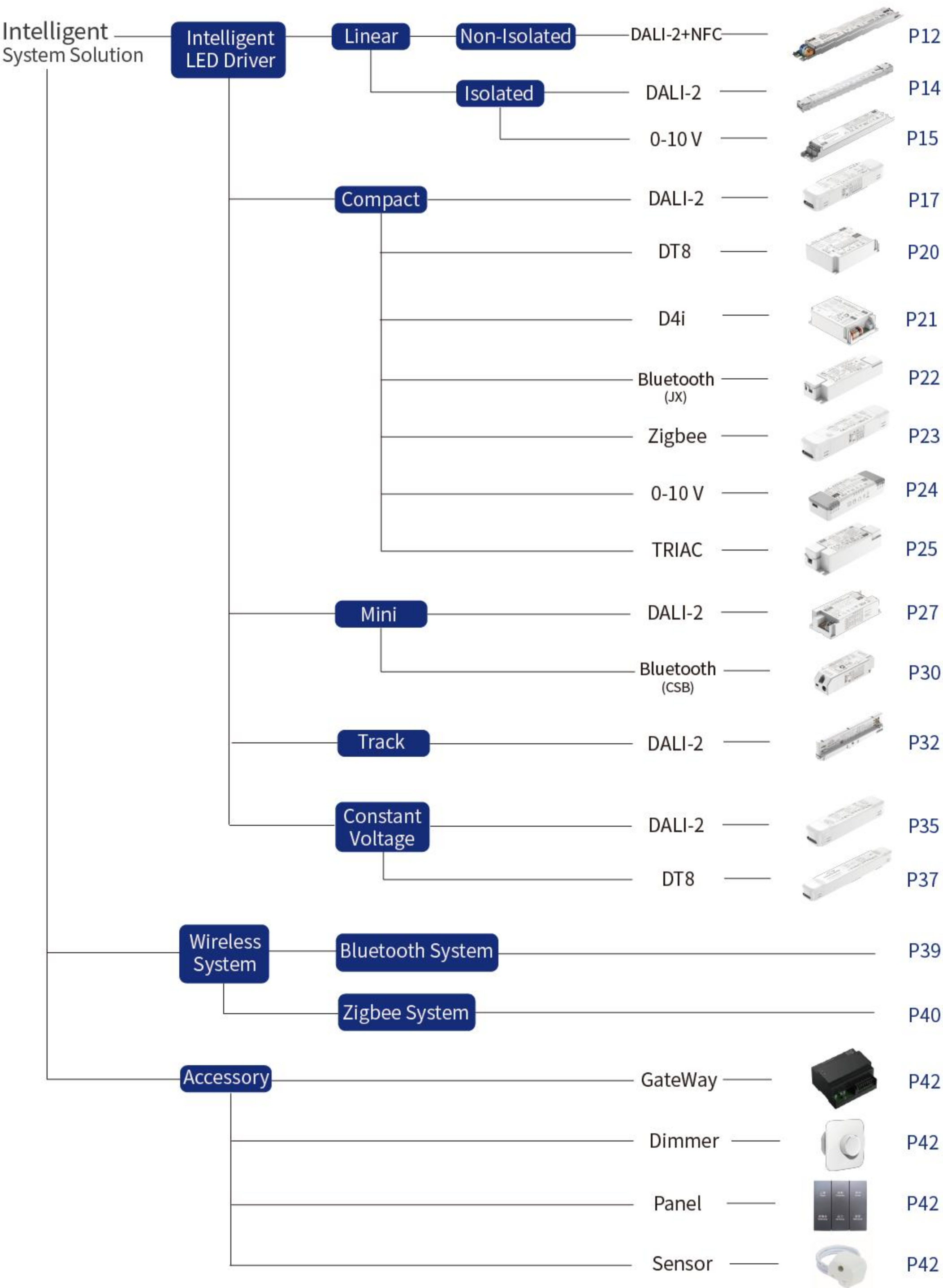
- DALI-2 DALI Dimming
- 0-10 0-10V Dimming
- Blue Bluetooth Dimming
- Zigb Zigbee Dimming
- PWM PWM Dimming
- RF RF Dimming
- TRIAC TRIAC Dimming
- DT8 DALI Dimming; color temperature is adjustable

(CCT- color temperature is adjustable)

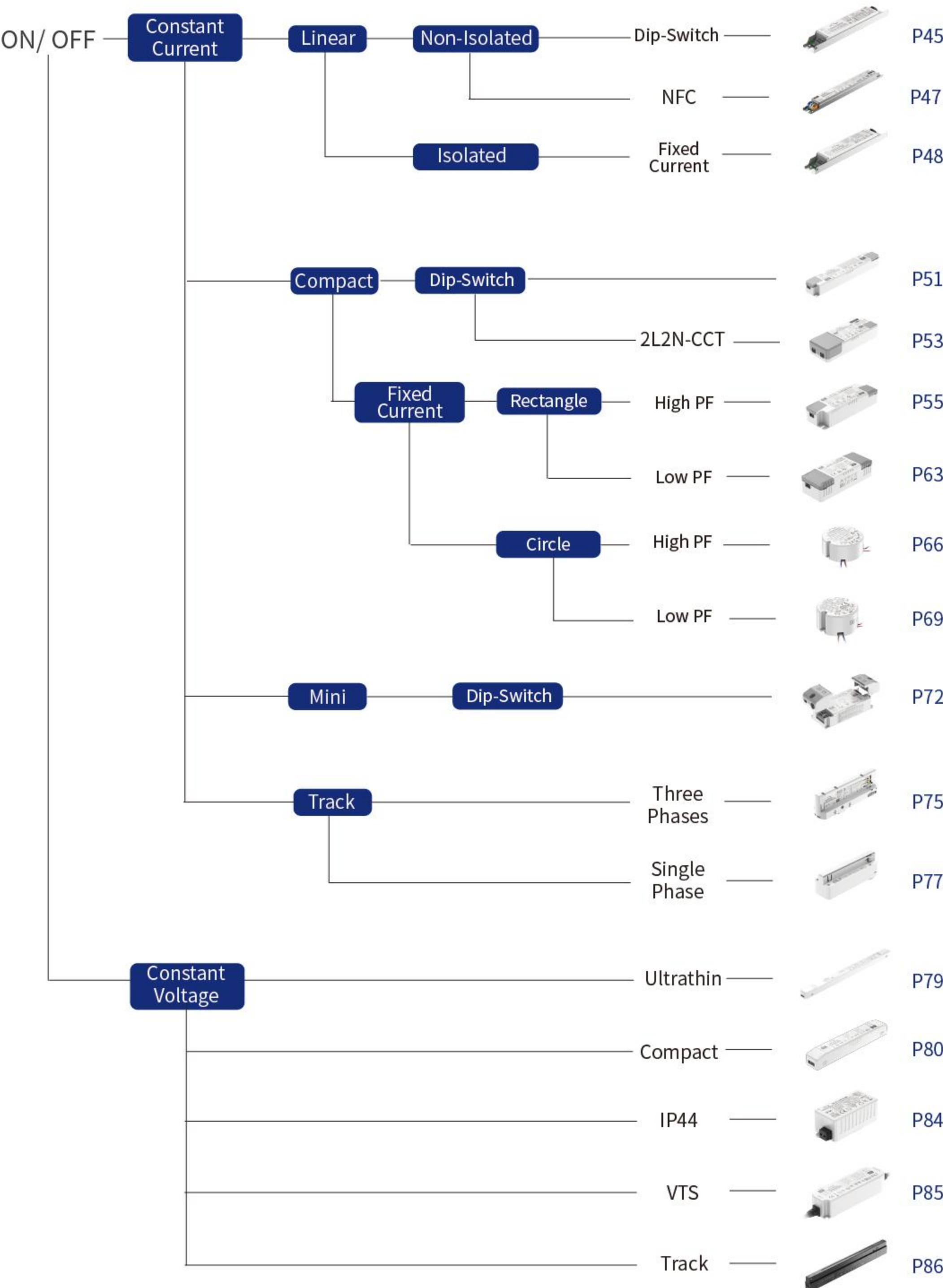
N-SELV (optional)

- N-S Non-Isolation/ N-SELV

Quick Selection Map



Quick Selection Map



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Intelligent LED Driver

Linear Non Isolated

- DALI-2+NFC



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Linear Isolated

- DALI-2



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Linear Isolated

- 0-10 V



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Compact DALI-2



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Compact DT8



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Compact D4i



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Compact Bluetooth



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Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
FMS-35-350 N-S DALI-2 LN	280*30*21 mm	220-240 VAC (0/50/ 60 Hz)	35 W	≥0.95	80-350 mA	50-220 VDC	≥90%
FMS-75-600 N-S DALI-2 LN	280*30*21 mm		75 W		120-600 mA	50-220 VDC	≥92%
FMS-100-700 N-S DALI-2 LN	357*30*21 mm		100 W		200-700 mA	64-300 VDC	≥93%
FMS-150-800 N-S DALI-2 LN	357*30*21 mm		150 W		200-800 mA	64-300 VDC	≥95%

FMS-35-350 N-S DALI-2 LN1	280*30*16 mm	220-240 VAC (0/50/ 60 Hz)	35 W	≥0.95	80-350 mA	50-220 VDC	≥90%
FMS-75-600 N-S DALI-2 LN1	280*30*16 mm		75 W		120-600 mA	50-220 VDC	≥92%
FMS-100-700 N-S DALI-2 LN1	360*30*16 mm		100 W		200-700 mA	64-300 VDC	≥93%

Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
FMS-35-700 DALI-2 LD ADV	280*30*21 mm	220-240 VAC (0/50/ 60 Hz)	35 W	≥0.95	150-700 mA	15-54 VDC	≥90%
FMS-50-1050 DALI-2 LD ADV	280*30*21 mm		50 W		350-1050 mA	15-54 VDC	≥90%
FMS-75-1800 DALI-2 LD ADV	360*30*21 mm		75 W		1050-1800 mA	20-52 VDC	≥90%

Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
FMS-25-600 0-10 LD	220*30*21 mm	220-240 VAC (0/50/ 60 Hz)	25 W	≥0.9	200-600 mA	9-42 VDC	≥85%
FMS-44-1050 0-10 LD	220*30*21 mm		44 W	≥0.95	650-1050 mA	9-42 VDC	≥88%
FMS-60-1700 0-10 LD	220*30*21 mm		60 W	≥0.95	1100-1700 mA	9-42 VDC	≥87%
FMS-80-2000 0-10 LD	352*36*23 mm		80 W	≥0.95	1550-2000 mA	9-42 VDC	≥88%

Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
FLS-25-700 DALI2 LA1	160*42*30 mm	220-240 VAC (50/ 60 Hz)	25 W	≥0.95	150-700 mA	9-52 VDC	≥85%
FLS-40-1050 DALI2 LA1	187*45*30.5 mm		40 W		700-1050 mA	9-52 VDC	≥87%
FLS-60-1400 DALI2 LA1	187*45*30.5 mm		60 W		650-1400 mA	9-48 VDC	≥86%

FLS-25-700 DALI-2 LS1	180*80*30 mm	220-240 VAC (50/ 60 Hz)	25 W	≥0.95	250-600 mA	9-42 VDC	≥84%
FLS-44-1050 DALI-2 LS1	180*80*30 mm		44 W		700-1050 mA	9-52 VDC	≥87%
FLS-60-1400 DALI-2 LS1	180*80*30 mm		60 W		700-1400 mA	9-52 VDC	≥86%

FSS-60-1400 DALI2 LD1	110*74*30 mm	220-240 VAC (50/ 60 Hz)	60 W	≥0.95	700-1400 mA	9-52 VDC	≥86%
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Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
FLS-26-700 DALI2-DT8 LD	150*45*30 mm	220-240 VAC (50/ 60 Hz)	26 W	≥0.9	150-700 mA	9-42 VDC	≥87%
FLS-44-1050 DALI2-DT8 LD			44 W	≥0.95	700-1050 mA	9-42 VDC	

Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
FSS-26-700 DALI-2 D4i LN	110*74*30 mm	220-240 VAC (50/ 60 Hz)	26 W	≥0.95	100-700 mA	24-40 VDC	≥87%
FSS-44-1050 DALI-2 D4i LN			44 W		700-1050 mA	9-42 VDC	≥86%

Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
FLS-40-1000 Blue LA	187*45*30.5 mm	220-240 VAC (50/ 60 Hz)	40 W	≥0.95	800-1000 mA	24-40 VDC	≥87%

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Compact Bluetooth



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Compact Zigbee



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Compact 0-10 V



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Compact Triac



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Mini DALI-2



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Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
FLS-40-1050 Blue LA-JX	187*45*30.5 mm	220-240 VAC (50/ 60 Hz)	40 W	≥0.95	900-1050 mA	28-40 VDC	≥87%

Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
FLS-40-1000 Zigb LA	187*45*30.5 mm	220-240 VAC (50/ 60 Hz)	40 W	≥0.9	700-1000 mA	30-42 VDC	≥86%

Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
FLS-15-350 0-10 LA	125*45*26 mm	220-240 VAC (50/ 60 Hz)	15 W	≥0.95	120-350 mA	9-42 VDC	≥80%
FLS-25-600 0-10 LA	125*45*26 mm		25 W	≥0.95	200-600 mA	9-42 VDC	≥84%
FLS-44-1050 0-10 LA	138*45*28 mm		44 W	≥0.97	650-1050 mA	9-42 VDC	≥85%
FLS-60-1700 0-10 LA	150*45*30 mm		60 W	≥0.95	1100-1700 mA	12-42 VDC	≥88%

Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
LS-6-150 TRIAC LI	100*38*25 mm	220-240 VAC (50/ 60 Hz)	6 W	≥0.95	150 mA	27-42 VDC	≥74%

LS-9-200 TRIAC LI	100*38*25 mm	220-240 VAC (50/ 60 Hz)	9 W	≥0.95	200 mA	27-42 VDC	≥78%
LS-9-350 TRIAC LI					350 mA	12-17 VDC	≥78%

LS-12-250 TRIAC LI	116*42.5*28 mm	220-240 VAC (50/ 60 Hz)	12 W	≥0.95	250 mA	32-48 VDC	≥82%
LS-12-300 TRIAC LI					300 mA	26-40 VDC	

LS-15-300 TRIAC LI	116*42.5*28 mm	220-240 VAC (50/ 60 Hz)	15 W	≥0.95	300 mA	35-50 VDC	≥82%
LS-15-350 TRIAC LI					350 mA	27-42 VDC	
LS-15-700 TRIAC LI					700 mA	14-22 VDC	

LS-20-300 TRIAC LI	116*42.5*28 mm	220-240 VAC (50/ 60 Hz)	20 W	≥0.95	300 mA	50-68 VDC	≥83%
LS-20-350 TRIAC LI					350 mA	40-60 VDC	
LS-20-500 TRIAC LI					500 mA	27-42 VDC	
LS-20-700 TRIAC LI					700 mA	20-30 VDC	

LS-30-600 TRIAC LI	150*45*30 mm	220-240 VAC (50/ 60 Hz)	30 W	≥0.95	600 mA	35-50 VDC	≥86%
LS-30-700 TRIAC LI					700 mA	27-42 VDC	

LS-40-700 TRIAC LI	150*45*30 mm	220-240 VAC (50/ 60 Hz)	40 W	≥0.95	700 mA	36-54 VDC	≥87%
LS-40-900 TRIAC LI					900 mA	27-42 VDC	
LS-40-1050 TRIAC LI					1050 mA	27-40 VDC	

LS-50-1050 TRIAC LI	150*45*30 mm	220-240 VAC (50/ 60 Hz)	50 W	≥0.95	1050 mA	30-48 VDC	≥87%
LS-50-1200 TRIAC LI					1200 mA	27-42 VDC	

Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
FLS-30-700 DALI-2 LD PRO	98*43*22 mm	220-240 VAC (0/ 50/ 60 Hz)	30 W	≥0.95	150-700 mA	2.5-49 VDC	≥90%
FLS-42-1050 DALI2 LD PRO	98*43*22 mm		42 W	≥0.95	300-1050 mA	2.5-49 VDC	≥90%

FLS-30-700 DALI-2 LD ECO	97*43*30 mm	220-240 VAC (0/ 50/ 60 Hz)	30 W	≥0.95	150-700 mA	24-42 VDC	≥87%
FLS-44-1050 DALI-2 LD ECO	97*43*30 mm		44 W	≥0.97	700-1050 mA	24-42 VDC	≥89%
FLS-42-1050 DALI-2 LD ADV	97*43*30 mm		42 W	≥0.95	150-1050 mA	2.5-52 VDC	≥87%

Intelligent LED Driver

Mini DALI-2	Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
 Page 29	FLS-8-350 DALI-2 LD	142*30*20 mm	220-240 VAC	8 W	≥0.9	100-350 mA	9-42 VDC	≥80%
	FLS-12-350 DALI2 LD	85*40*21.5 mm	(50/ 60 Hz)	12 W	≥0.9	120-350 mA	9-42 VDC	≥82%

Mini Bluetooth	Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
 Page 30	FLS-42-1050 Blue LA-CSB ADV	97*43*30 mm	220-240 VAC (50/ 60 Hz)	42 W	≥0.95	150-1050 mA	2.5-52 VDC	≥87%

Track DALI-2	Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
 Page 32	FDS-42-1050 DALI-2 LD PRO	202*31*42 mm	220-240 VAC (0/50/ 60 Hz)	42 W	≥0.95	300-1050 mA	2.5-49 VDC	≥90%
	FDS-12-350 DALI-2 LD	212*31*45 mm	220-240 VAC (50/ 60 Hz)	12 W	≥0.9	120-350 mA	9-42 VDC	≥82%
 Page 33	FDS-30-700 DALI-2 LD	248*31*45 mm		30 W	≥0.95	350-700 mA	9-42 VDC	≥85%
	FDS-40-1050 DALI-2 LD	248*31*45 mm		40 W	≥0.95	700-1050 mA	9-42 VDC	≥87%

Constant Voltage DALI-2	Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
 Page 35	LS-45-24 DALI-2 LI	187*45*30.5 mm	220-240 VAC (50/ 60 Hz)	45 W	≥0.95	0-1.88 A	24 VDC	≥86%
	LS-80-24 DALI-2 LI	290*45*30.5 mm		80 W	≥0.95	0-3.33 A	24 VDC	≥87%
	LS-150-24 DALI-2 LI	290*45*30.5 mm		150 W	≥0.95	0-6.25 A	24 VDC	≥89%
 Page 36	MS-30-24 DALI-2 LI	280*30*21 mm	220-240 VAC (50/ 60 Hz)	30 W	≥0.95	0-1.25 A	24 VDC	≥85%
	MS-60-24 DALI-2 LI	360*30*21 mm		60 W	≥0.95	0-2.5 A	24 VDC	≥89%
	MS-100-24 DALI-2 LI	425*30*21 mm		100 W	≥0.95	0-4.17 A	24 VDC	≥92%

Constant Voltage DT8	Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
 Page 37	LS-45-24 DALI-2-DT8 LI	187*45*30.5 mm	220-240 VAC (50/ 60 Hz)	45 W	≥0.9	0-1.88 A	24 VDC	≥87%
	LS-80-24 DALI-2-DT8 LI	340*45*30.5 mm		80 W	≥0.9	0-3.33 A	24 VDC	≥86%
	LS-150-24 DALI-2-DT8 LI	340*45*30.5 mm		150 W	≥0.9	0-6.25 A	24 VDC	≥91%

ON/ OFF - Constant Current

Linear Non Isolated - Dip Switch	Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
 Page 45	FMS-20-350 N-S LD EXC	168*30*21 mm	220-240 VAC (0/50/60 Hz)	20 W	≥0.9	100-350 mA	40-220 VDC	≥87%
	FMS-40-450 N-S LD EXC	168*30*21 mm		40 W	≥0.95	100-450 mA		≥90%
	FMS-60-600 N-S LD EXC	190*30*21 mm		60 W	≥0.95	250-600 mA		≥90%
	FMS-100-700 N-S LD EXC	280*30*21 mm		100 W	≥0.95	350-700 mA		≥90%
	FMS-150-900 N-S LD EXC	280*30*22 mm		150 W	≥0.95	550-900 mA		≥90%
 Page 46	FMS-20-350 N-S LD E	168*30*21 mm	220-240 VAC (0/50/60 Hz)	20 W	≥0.95	200-350 mA	25-54 VDC	≥85%
	FMS-40-350 N-S LD E	168*30*21 mm		40 W	≥0.95	200-350 mA	57-114 VDC	≥90%
	FMS-60-350 N-S LD E	190*30*21 mm		60 W	≥0.95	200-350 mA	90-180 VDC	≥90%
	FMS-80-350 N-S LD E	210*30*21 mm		80 W	≥0.9	200-350 mA	140-230 VDC	≥90%

ON/ OFF - Constant Current

Linear Isolated - NFC	Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
 Page 47	FMS-35-350 N-S LN	280*30*16 mm	220-240 VAC (0/50/60 Hz)	35 W	≥0.95	80-350 mA	50-220 VDC	≥91%
	FMS-75-600 N-S LN	280*30*16 mm		75 W		120-600 mA		≥93%
	FMS-100-700 N-S LN	360*30*16 mm		100 W		200-700 mA		≥95%
	FMS-150-800 N-S LN	360*30*16 mm		150 W		200-800 mA		≥95%

- Fixed Current								
 Page 48-49	MS-12-200 LI	190*30*25 mm	220-240 VAC (0/50/ 60 Hz)	12 W	≥0.95	200 mA	24-42 VDC	≥80%
	MS-12-250 LI					250 mA		
	MS-12-300 LI					300 mA		
	MS-12-350 LI					350 mA		
 Page 48-49	MS-20-450 LI	190*30*25 mm	220-240 VAC (0/50/ 60 Hz)	20 W	≥0.95	450 mA	24-42 VDC	≥85%
	MS-20-500 LI					500 mA	24-42 VDC	
	MS-20-550 LI					550 mA	24-40 VDC	
 Page 48-49	MS-40-650 LI	190*30*25 mm	220-240 VAC (0/50/ 60 Hz)	40 W	≥0.95	650 mA	24-42 VDC	≥88%
	MS-40-700 LI					700 mA	24-42 VDC	
	MS-40-750 LI					750 mA	24-42 VDC	
	MS-40-800 LI					800 mA	24-42 VDC	
	MS-40-950 LI					950 mA	24-42 VDC	
	MS-40-1000 LI					1000 mA	24-40 VDC	
 Page 48-49	MS-60-1050 LI	250*30*25 mm	220-240 VAC (0/50/ 60 Hz)	60 W	≥0.95	1050 mA	28-52 VDC	≥88%
	MS-60-1100 LI					1100 mA	28-52 VDC	
	MS-60-1150 LI					1150 mA	28-52 VDC	
	MS-60-1250 LI					1250 mA	28-48 VDC	
	MS-60-1300 LI					1300 mA	24-42 VDC	
	MS-60-1400 LI					1400 mA	24-42 VDC	
	MS-60-1450 LI					1450 mA	24-42 VDC	
	MS-60-1500 LI					1500 mA	24-40 VDC	

Compact Dip Switch	Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
 Page 51	FLS-40-1000 LD EXC	163*30*21 mm	220-240 VAC (50/ 60 Hz)	40 W	≥0.95	800-1100 mA	25-42 VDC	≥88%
 Page 51	FLS-60-1500 LA EXC	150*45*30 mm	220-240 VAC (50/ 60 Hz)	60 W	≥0.95	1150-1500 mA	24-42 VDC	≥88%
	FLS-60-1700 LA EXC					1100-1700 mA		
 Page 52	FSS-60-1700 LD	110*74*30 mm	220-240 VAC (50/ 60 Hz)	60 W	≥0.95	1050-1700 mA	17-44 VDC	≥88%
 Page 53	FLS-40-950 CCT LS PRO	147.5*50*30 mm	220-240 VAC (50/ 60 Hz)	42 W	≥0.95	800-950 mA	24-42 VDC	≥88%
 Page 54	FLS-21-500 CCT LS ADV	150*45*30 mm	220-240 VAC (50/ 60 Hz)	21 W	≥0.95	350-500 mA	24-42 VDC	≥88%
	FLS-30-700 CCT LS ADV			30 W	≥0.95	550-700 mA		≥88%
	FLS-38-900 CCT LS ADV			38 W	≥0.97	750-900 mA		≥89%
	FLS-44-1050 CCT LS ADV			44 W	≥0.97	900-1050 mA		≥88%

ON/ OFF - Constant Current

Compact Fixed Current
-Rectangle High Power Factor



Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
LS-40-600 LI ADV LS-40-650 LI ADV LS-40-700 LI ADV LS-40-750 LI ADV LS-40-800 LI ADV LS-40-850 LI ADV LS-40-900 LI ADV LS-40-950 LI ADV LS-40-1000 LI ADV LS-40-1050 LI ADV	116*41*26 mm	220-240 VAC (50/ 60 Hz)	40 W	≥0.95	600 mA 650 mA 700 mA 750 mA 800 mA 850 mA 900 mA 950 mA 1000 mA 1050 mA	30-42 VDC 30-42 VDC 30-42 VDC 30-42 VDC 30-42 VDC 30-42 VDC 30-42 VDC 30-42 VDC 30-40 VDC 30-38.5 VDC	≥93%
LS-40-600 LI EXC LS-40-650 LI EXC LS-40-700 LI EXC LS-40-750 LI EXC LS-40-800 LI EXC LS-40-850 LI EXC LS-40-900 LI EXC LS-40-950 LI EXC LS-40-1000 LI EXC LS-40-1050 LI EXC	116*41*26 mm	220-240 VAC (50/ 60 Hz)	40 W	≥0.9	600 mA 650 mA 700 mA 750 mA 800 mA 850 mA 900 mA 950 mA 1000 mA 1050 mA	24-42 VDC 24-42 VDC 24-42 VDC 24-42 VDC 24-42 VDC 24-42 VDC 24-42 VDC 24-42 VDC 24-40 VDC 24-38.5 VDC	≥89%
LS-40-600 LI ECO LS-40-700 LI ECO LS-40-750 LI ECO LS-40-800 LI ECO LS-40-850 LI ECO LS-40-900 LI ECO LS-40-950 LI ECO LS-40-1000 LI ECO LS-40-1050 LI ECO	116*41*26 mm	220-240 VAC (50/ 60 Hz)	40 W	≥0.95	600 mA 700 mA 750 mA 800 mA 850 mA 900 mA 950 mA 1000 mA 1050 mA	24-42 VDC 24-42 VDC 24-42 VDC 24-42 VDC 24-42 VDC 24-42 VDC 24-42 VDC 24-40 VDC 24-38.5 VDC	≥89%
LS-8-120 LI EXC LS-8-150 LI EXC LS-8-180 LI EXC LS-8-200 LI EXC LS-8-220 LI EXC LS-8-300 LI EXC LS-8-350 LI EXC	100*38.2*25 mm	220-240 VAC (50/ 60 Hz)	8 W	≥0.95	120 mA 150 mA 180 mA 200 mA 220 mA 300 mA 350 mA	27-50 VDC 27-50 VDC 22-42 VDC 22-42 VDC 22-42 VDC 14-27 VDC 12-24 VDC	≥78%
LS-12-250 LI EXC LS-12-300 LI EXC LS-12-350 LI EXC	100*38.2*25 mm	220-240 VAC (50/ 60 Hz)	12 W	≥0.95	250 mA 300 mA 350 mA	24-42 VDC 24-42 VDC 24-40 VDC	≥81%
LS-20-350 LI EXC LS-20-400 LI EXC LS-20-450 LI EXC LS-20-500 LI EXC LS-20-600 LI EXC LS-20-700 LI EXC	100*38.2*25 mm	220-240 VAC (50/ 60 Hz)	20 W	≥0.95	350 mA 400 mA 450 mA 500 mA 600 mA 700 mA	40-60 VDC 24-42 VDC 24-42 VDC 24-42 VDC 24-40 VDC 18-30 VDC	≥85%
LS-50-600 LI2 LS-50-1200 LI2	150*45*30 mm	220-240 VAC (50/ 60 Hz)	50 W	≥0.95	600 mA 1200 mA	56-80 VDC 28-41 VDC	≥89%

ON/ OFF - Constant Current

Compact Fixed Current
-Rectangle High Power Factor



Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
LS-60-1400 LI2	150*45*30 mm	220-240 VAC (50/ 60 Hz)	60 W	≥0.95	1400 mA	28-42 VDC	≥89%
SH-6-300 LB-G SH-6-350 LB-G SH-6-500 LB-G SH-6-700 LB-G	60*34*23.5 mm	100-240 VAC (50/ 60 Hz)	6 W	≥0.9	300 mA 350 mA 500 mA 700 mA	13-23 VDC 12-21 VDC 6-13 VDC 5.5-10.5 VDC	≥67%
SH-12-300 LB-G SH-12-350 LB-G SH-12-500 LB-G SH-12-700 LB-G	68.5*35*23.2 mm	100-240 VAC (50/ 60 Hz)	12 W	≥0.9	300 mA 350 mA 500 mA 700 mA	25-42 VDC 20-36 VDC 16-27 VDC 11-18.5 VDC	≥82% ≥82% ≥82% ≥80%
SS-6-300 MB SS-6-350 MB SS-6-700 MB	60*34*23.5 mm	220-240 VAC (50/ 60 Hz)	6 W	≥0.7	300 mA 350 mA 700 mA	10-20 VDC 8-20 VDC 2.8-9 VDC	≥76%
SS-9-200 MB-G SS-9-350 MB-G SS-9-700 MB-G	60*34*23.5 mm	220-240 VAC (50/ 60 Hz)	9 W	≥0.8	200 mA 350 mA 700 mA	27-45 VDC 15-26 VDC 7-13 VDC	≥81%
SS-12-300 MB-G SS-12-350 MB-G SS-12-500 MB-G SS-12-700 MB-G	60*34*23.5 mm	220-240 VAC (50/ 60 Hz)	12 W	≥0.8	300 mA 350 mA 500 mA 700 mA	24-40 VDC 20-34.5 VDC 14.5-24 VDC 10-18 VDC	≥81%
SS-9-200 MX-G SS-9-300 MX-G SS-9-350 MX-G SS-9-700 MX-G	55*41*21.5 mm	220-240 VAC (50/ 60 Hz)	9 W	≥0.5	200 mA 300 mA 350 mA 700 mA	27-45 VDC 18-30 VDC 15-26 VDC 8.5-18 VDC	≥80%
SS-12-300 MX-G SS-12-350 MX-G SS-12-500 MX-G SS-12-700 MX-G	55*41*21.5 mm	220-240 VAC (50/ 60 Hz)	12 W	≥0.6	300 mA 350 mA 500 mA 700 mA	24-40 VDC 20-34.5 VDC 14.5-24 VDC 10-18 VDC	≥80%
SH-3-300 IP65 SB SH-3-350 IP65 SB SH-3-500 IP65 SB SH-3-700 IP65 SB	47*23*21 mm	100-240 VAC (50/ 60 Hz)	3 W	≥0.5	300 mA 350 mA 500 mA 700 mA	2.5-12 VDC 2.5-10 VDC 2.5-7 VDC 2.5-4.5 VDC	≥68%
LS-3-150 SI E LS-3-300 SI E LS-3-350 SI E LS-3-400 SI E LS-3-500 SI E LS-3-600 SI E LS-3-700 SI E	84*20.5*16.5 mm	220-240 VAC (50/ 60 Hz)	3 W	≥0.5	150 mA 300 mA 350 mA 400 mA 500 mA 600 mA 700 mA	5-12 VDC 5-12 VDC 5-12 VDC 2.5-4.5 VDC 2.5-4.5 VDC 2.5-4.5 VDC 2.5-4.5 VDC	≥73% ≥73% ≥71% ≥71% ≥71% ≥71% ≥71%

ON/ OFF - Constant Current

Compact Fixed Current
-Rectangle Low Power Factor



Page 64



Page 65

Compact Fixed Current
-Circle High Power Factor



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● : Regular Stock

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Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
LS-6-120 SI E LS-6-150 SI E LS-6-180 SI E LS-6-200 SI E LS-6-220 SI E LS-6-350 SI E LS-6-500 SI E LS-6-550 SI E LS-6-700 SI E	84*20.5*16.5 mm	220-240 VAC (50/ 60 Hz)	6 W	≥0.5	120 mA 150 mA 180 mA 200 mA 220 mA 350 mA 500 mA 550 mA 700 mA	27-40 VDC 27-40 VDC 27-40 VDC 27-40 VDC 27-40 VDC 8-18 VDC 5-12 VDC 5-11 VDC 4-9 VDC	≥76%
LS-8-120 SI ECO ● LS-8-150 SI ECO LS-8-180 SI ECO ● LS-8-200 SI ECO LS-8-250 SI ECO LS-8-300 SI ECO LS-8-350 SI ECO	92*36*25 mm	220-240 VAC (50/ 60 Hz)	8 W	≥0.5	120 mA 150 mA 180 mA 200 mA 250 mA 300 mA 350 mA	30-42 VDC 30-42 VDC 30-42 VDC 30-42 VDC 30-42 VDC 15-24 VDC 15-24 VDC	≥80%
● LS-12-250 SI ECO ● LS-12-300 SI ECO ● LS-12-350 SI ECO LS-12-500 SI ECO LS-12-600 SI ECO	92*36*25 mm	220-240 VAC (50/ 60 Hz)	12 W	≥0.55	250 mA 300 mA 350 mA 500 mA 600 mA	30-42 VDC 30-42 VDC 27-40 VDC 14-26 VDC 11-20 VDC	≥83%
LS-21-350 SI ECO LS-21-400 SI ECO LS-21-500 SI ECO	92*36*25 mm	220-240 VAC (50/ 60 Hz)	21 W	≥0.55	350 mA 400 mA 500 mA	42-60 VDC 27-42 VDC 27-42 VDC	≥85%
CS-22-350 LI CS-22-400 LI CS-22-450 LI CS-22-500 LI	φ50*22 mm	220-240 VAC (50/ 60 Hz)	22 W	≥0.9	350 mA 400 mA 450 mA 500 mA	24-42 VDC	≥83%
CS-30-600 LI CS-30-650 LI CS-30-700 LI CS-30-750 LI	φ55*24 mm	220-240 VAC (50/ 60 Hz)	30 W	≥0.9	600 mA 650 mA 700 mA 750 mA	24-42 VDC	≥85%
CS-42-800 LI CS-42-850 LI CS-42-900 LI CS-42-950 LI CS-42-1000 LI CS-42-1050 LI	φ62*25 mm	220-240 VAC (50/ 60 Hz)	42 W	≥0.9	800 mA 850 mA 900 mA 950 mA 1000 mA 1050 mA	24-42 VDC	≥86%
CS-8-150 MB CS-8-200 MB	φ42*22 mm	220-240 VAC (50/ 60 Hz)	8 W	≥0.8	150 mA 200 mA	24-42 VDC 24-42 VDC	≥81%
CS-12-250 MB CS-12-300 MB CS-12-350 MB	φ42*22 mm	220-240 VAC (50/ 60 Hz)	12 W	≥0.85	250 mA 300 mA 350 mA	27-48 VDC 24-42 VDC 22-40 VDC	≥83%

ON/ OFF - Constant Current

Compact Fixed Current
-Circle High Power Factor



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Compact Fixed Current
-Circle Low Power Factor



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Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
CS-21-500 MB CS-21-700 MB	φ66*25.8 mm	220-240 VAC (50/ 60 Hz)	21 W	≥0.8	500 mA 700 mA	24-42 VDC 18-30 VDC	≥85%
CS-25-500 LB CS-25-600 LB	φ55*26 mm	220-240 VAC (50/ 60 Hz)	25 W	≥0.9	500 mA 600 mA	28-43 VDC 28-42 VDC	≥86%
CS-32-700 LB CS-32-800 LB	φ65*28 mm	220-240 VAC (50/ 60 Hz)	32 W	≥0.9	700 mA 800 mA	28-42 VDC 28-40 VDC	≥86%
CH-12-300 IP65 LB1 CH-12-350 IP65 LB1 CH-12-500 IP65 LB1 CH-12-700 IP65 LB1	φ55*26 mm	100-240 VAC (50/ 60 Hz)	12 W	≥0.92	300 mA 350 mA 500 mA 700 mA	24-40 VDC 20-35 VDC 14-24 VDC 10.5-17.5 VDC	≥81%
CH-18-300 IP65 LB CH-18-350 IP65 LB CH-18-450 IP65 LB CH-18-700 IP65 LB	φ55*26 mm	100-240 VAC (50/ 60 Hz)	18 W	≥0.94	300 mA 350 mA 450 mA 700 mA	36-60 VDC 31-52 VDC 24-40 VDC 15.5-26 VDC	≥86%
CH-25-350 IP65 LB1 CH-25-600 IP65 LB1 CH-25-700 IP65 LB1	φ65*28 mm	100-240 VAC (50/ 60 Hz)	25 W	≥0.95	300 mA 600 mA 700 mA	43-72 VDC 25-42 VDC 21.5-36 VDC	≥86%
CS-8-120 SI CS-8-150 SI CS-8-180 SI CS-8-200 SI	φ42*21 mm	220-240 VAC (50/ 60 Hz)	8 W	0.5	120 mA 150 mA 180 mA 200 mA	28-42 VDC 24-42 VDC 24-42 VDC 24-42 VDC	≥83% ≥83% ≥81% ≥81%
CS-15-250 SI CS-15-300 SI CS-15-350 SI	φ42*21 mm	220-240 VAC (50/ 60 Hz)	15 W	0.5	200 mA 300 mA 350 mA	24-42 VDC	≥81% ≥81% ≥81%
CS-22-350 SI CS-22-400 SI CS-22-450 SI CS-22-500 SI	φ50*22 mm	220-240 VAC (50/ 60 Hz)	22 W	0.5	350 mA 400 mA 450 mA 500 mA	24-42 VDC	≥83%
CS-8-120 SB CS-8-150 SB CS-8-200 SB	φ42*22 mm	220-240 VAC (50/ 60 Hz)	8 W	≥0.5	120 mA 150 mA 200 mA	28-42 VDC	≥83%
CS-12-250 SB1 CS-12-300 SB1	φ42*22 mm	220-240 VAC (50/ 60 Hz)	12 W	≥0.5	250 mA 300 mA	28-42 VDC	≥83%
CS-15-350 SB	φ42*22 mm	220-240 VAC (50/ 60 Hz)	15 W	≥0.5	350 mA	28-42 VDC	≥83%
CS-16-400 SB	φ42*22 mm	220-240 VAC (50/ 60 Hz)	16 W	≥0.5	400 mA	28-40 VDC	≥84%

ON/ OFF - Constant Current

Mini Dip Switch



	Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
Page 72	FLS-42-1050 LD PRO	98*43*22 mm	220-240 VAC (50/ 60 Hz)	42 W	≥0.95	150-1050 mA	2.5-42 VDC	≥87%



Page 73	FLS-42-1050 LD ADV	97*43*30 mm	220-240 VAC (50/ 60 Hz)	42 W	≥0.95	300-1050 mA	9-52 VDC	≥88%
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Track -Three Phase



	Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
Page 75	FDS-30-700 LD PRO FDS-42-1050 LD PRO	162*31*42 mm 162*29.5*42 mm	220-240 VAC (50/ 60 Hz)	30 W 42 W	≥0.9	150-700 mA 300-1050 mA	2.5-42 VDC	≥88% ≥90%



Page 76	FDS-30-700 LD EXC FDS-42-1050 LD ADV	158*30.6*41.6 mm	220-240 VAC (50/ 60 Hz)	30 W 42 W	≥0.9 ≥0.92	150-700 mA 300-1050 mA	9-42 VDC	≥84%
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-Single Phases



Page 77	FDS-21-500 LD1-3 Wires FDS-32-800 LD-3 Wires FDS-42-1050 LD1-3 Wires	128*36.5*26 mm	220-240 VAC (50/ 60 Hz)	21 W 32 W 42 W	≥0.9	350-500 mA 500-800 mA 900-1050 mA	28-40 VDC	≥85% ≥88% ≥88%
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ON/ OFF - Constant Voltage

Ultra Thin



	Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
	US-30-12 LI1 US-30-24 LI1	261*30*17 mm	220-240 VAC (50/ 60 Hz)	30 W	≥0.95	0-2.5 A 0-1.25 A	12 VDC 24 VDC	≥83%
	US-60-12 LI2 US-60-24 LI2	329*30*17 mm	220-240 VAC (50/ 60 Hz)	60 W	≥0.95	0-5 A 0-2.5 A	12 VDC 24 VDC	≥87%
	US-100-12 LI2 US-100-24 LI2	365*30*18 mm	220-240 VAC (50/ 60 Hz)	100 W	≥0.95	0-8.33 A 0-4.17 A	12 VDC 24 VDC	≥88%
Page 79	US-160-24 LI2	395*30.5*21.5 mm	220-240 VAC (50/ 60 Hz)	160 W	≥0.95	0-6.67 A	24 VDC	≥92%

Compact



	Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
	LS-30-12 LI EXC LS-30-24 LI EXC	136*38*28 mm	220-240 VAC (50/ 60 Hz)	30 W	≥0.95	0-2.5 A 0-1.25 A	12 VDC 24 VDC	≥87%
	LS-60-12 LI EXC LS-60-24 LI EXC	168*38*30 mm	220-240 VAC (50/ 60 Hz)	60 W	≥0.95	0-5 A 0-2.5 A	12 VDC 24 VDC	≥88%
	LS-75-12 LI EXC LS-75-24 LI EXC	168*38*30 mm	220-240 VAC (50/ 60 Hz)	75 W	≥0.95	0-6.25 A 0-3.13 A	12 VDC 24 VDC	≥88% ≥89%
	LS-120-24 LI EXC LS-120-48 LI EXC	227*38*30 mm	220-240 VAC (50/ 60 Hz)	120 W	≥0.95	0-5 A 0-2.5 A	24 VDC 48 VDC	≥91%
Page 80	LS-150-24 LI EXC LS-150-48 LI EXC	227*38*30 mm	220-240 VAC (50/ 60 Hz)	150 W	≥0.95	0-6.25 A 0-3.13 A	24 VDC 48 VDC	≥91%

ON/ OFF - Constant Voltage

Compact



	Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
	LS-12-12 MI LS-12-24 MI	100*42*24.5 mm	220-240 VAC (50/ 60 Hz)	12 W	≥0.95	0-1 A 0-0.5 A	12 VDC 24 VDC	≥82%



Page 81	LS-20-12 MI LS-20-24 MI	115*45*28 mm	220-240 VAC (50/ 60 Hz)	20 W	≥0.95	0-1.67 A 0-0.83 A	12 VDC 24 VDC	≥80%
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	SS-6-12 MB SS-6-24 MB	52*43.5*22.5 mm	220-240 VAC (50/ 60 Hz)	6 W	≥0.95	0-0.5 A 0-0.25 A	12 VDC 24 VDC	≥75%
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	SS-12-12 MB SS-12-24 MB	68.5*53*23 mm	220-240 VAC (50/ 60 Hz)	12 W	≥0.95	0-1 A 0-0.5 A	12 VDC 24 VDC	≥83%
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Page 82	SS-18-12 MB SS-18-24 MB	68.5*53*23 mm	220-240 VAC (50/ 60 Hz)	18 W	≥0.95	0-1.5 A 0-0.75 A	12 VDC 24 VDC	≥80%
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	SS-30-12 LB SS-30-24 LB	95*53*23.2 mm	220-240 VAC (50/ 60 Hz)	30 W	≥0.95	0-1.5 A 0-0.75 A	12 VDC 24 VDC	≥85%
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	SS-45-12 LB SS-45-24 LB	95*53*23.2 mm	220-240 VAC (50/ 60 Hz)	45 W	≥0.95	0-3.75 A 0-1.88 A	12 VDC 24 VDC	≥85%
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Page 83	SS-60-24 LB	110.5*59.5*32.5 mm	220-240 VAC (50/ 60 Hz)	60 W	≥0.95	0-2.5 A	24 VDC	≥87%
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IP44



	Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
	SH-8-12 IP44 MB SH-8-24 IP44 MB	72*30*23.5 mm	100-240 VAC (50/ 60 Hz)	8 W	≥0.95	0-0.67 A 0-0.34 A	12 VDC 24 VDC	≥75%
	SH-16-12 IP44 MB SH-16-24 IP44 MB	90.5*40*26 mm	100-240 VAC (50/ 60 Hz)	16 W	≥0.95	0-1.25 A 0-0.625 A	12 VDC 24 VDC	≥76%
Page 84	SH-35-12 IP44 LB SH-35-24 IP44 LB	98.5*57*29.5 mm	100-240 VAC (50/ 60 Hz)	35 W	≥0.95	0-2.91 A 0-1.458 A	12 VDC 24 VDC	≥80%

VTS



	Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
	VTS-24-12 IP67 L VTS-24-24 IP67 L	118*35*26 mm	220-240 VAC (50/ 60 Hz)	24 W	≥0.95	0-2 A 0-1 A	12 VDC 24 VDC	≥86%
	VTS-40-12 IP67 L VTS-40-24 IP67 L	148*42*30 mm	220-240 VAC (50/ 60 Hz)	40 W	≥0.95	0-3.34 A 0-1.67 A	12 VDC 24 VDC	≥86%
	VTS-60-12 IP67 L VTS-60-24 IP67 L	162.5*42.5*32 mm	220-240 VAC (50/ 60 Hz)	60 W	≥0.95	0-5 A 0-2.5 A	12 VDC 24 VDC	≥86.5% ≥89%
Page 85	VTS-100-12 IP67 L VTS-100-24 IP67 L	190*52*33 mm	220-240 VAC (50/ 60 Hz)	100 W	≥0.95	0-8.33 A 0-4.17 A	12 VDC 24 VDC	≥87% ≥89%

Track



	Best Seller	Size	Input Voltage	Power	Power Factor	Output Current	Output Voltage	Typical Efficiency
Page 86	LS-100-48 LX EXC LS-150-48 LX EXC LS-250-48 LX EXC	325*22.8*43 mm 325*22.8*43 mm 390*22.8*43 mm	220-240 VAC (50/ 60 Hz)	100 W 150 W 250 W	>0.95	0-2.08 A 0-3.13 A 0-5.20 A	48 VDC	≥88% ≥91% ≥93%

● : Regular Stock



LED DRIVER
Intelligent LED Driver - Linear

Linear-DALI-2 NFC Series 35-150W
DALI-2 Dimming LED Driver



- Class I, built-in
- Input Voltage 220-240 VAC
- Protection: SCP/ OLP/ OVP/ OTP
- Warranty: 5 Years
- Power Factor >0.95
- Support DALI-2, Push Dimming
- Output current can be adjusted via NFC
- Height: 21mm
- Corridor Function
- DALI maintainace(Part 251,252,253)

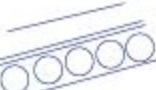


FMS-35-350 N-S DALI-2 LN
FMS-75-600 N-S DALI-2 LN



FMS-100-700 N-S DALI-2 LN
FMS-150-800 N-S DALI-2 LN

Typical Applications:

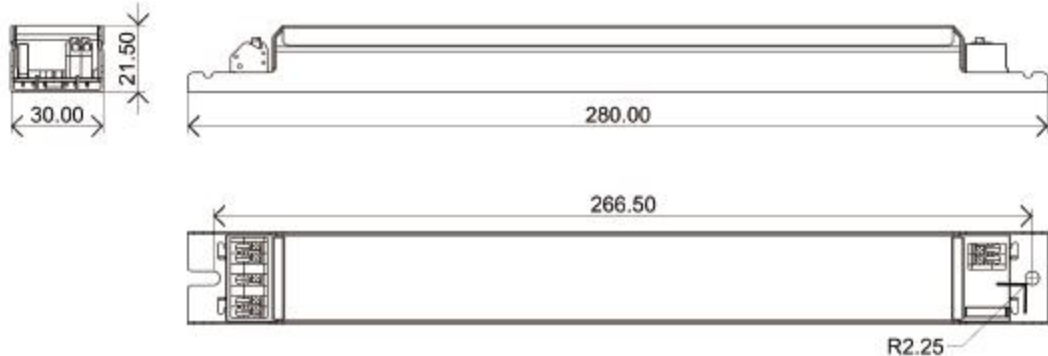


Linear Light

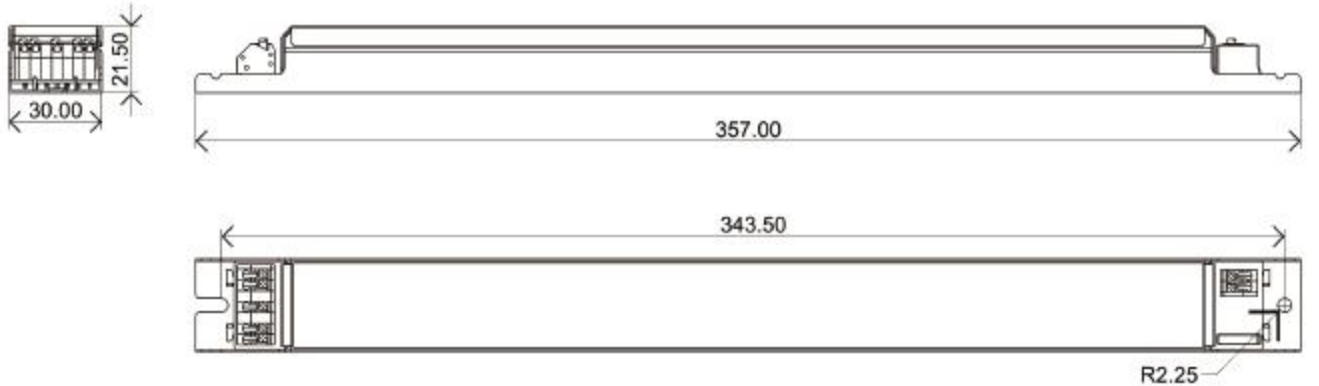


Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Ta, Tc	Certification
FMS-35-350 N-S DALI-2 LN	280*30*21	35W/ 80-350mA/ 50-220VDC	≤10%	>90%	≤0.5W	60°C/ 75°C	CE/ CB/ ENEC/ EL
FMS-75-600 N-S DALI-2 LN	280*30*21	75W/ 120-600mA/ 50-220VDC	≤10%	>92%	≤0.5W	60°C/ 80°C	CE/ CB/ ENEC/ EL
FMS-100-700 N-S DALI-2 LN	357*30*21	100W/ 200-700mA/ 64-300VDC	≤10%	>93%	≤0.5W	60°C/ 85°C	CE/ CB/ ENEC/ EL
FMS-150-800 N-S DALI-2 LN	357*30*21	150W/ 200-800mA/ 64-300VDC	≤10%	>95%	≤0.5W	60°C/ 85°C	CE/ CB/ ENEC/ EL

AC Input Voltage Range	220-240 VAC 0/50/60 Hz
DC Input Voltage Range	176-280 VDC
Start-up Time	<0.7 s
Hold-up Time	1 s max
Withstand Voltage	Input-FG 1500 V/ 5 mA/ 1 min Output-FG 500V/ 5mA/ 1min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547



FMS-35-350 N-S DALI-2 LN
FMS-75-600 N-S DALI-2 LN

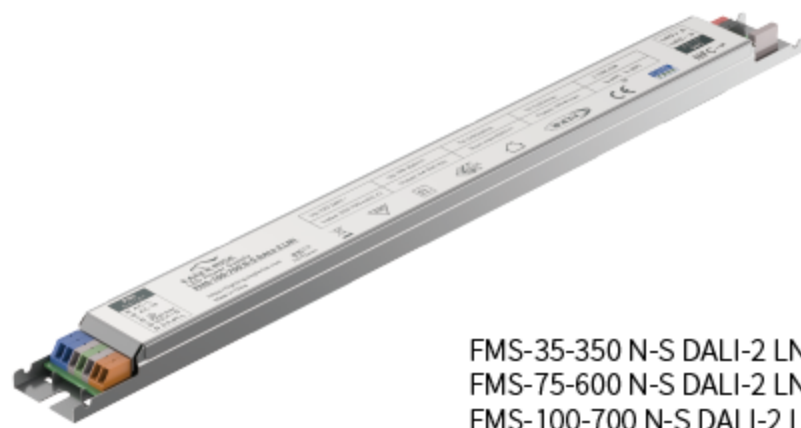


FMS-100-700 N-S DALI-2 LN
FMS-150-800 N-S DALI-2 LN

Linear-DALI-2 NFC Series 35-100W
DALI-2 Dimming LED Driver

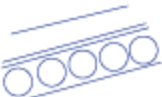


- Class I, built-in
- Input Voltage 220-240 VAC
- Protection: SCP/ OLP/ OVP/ OTP
- Warranty: 5 Years
- Power Factor >0.95
- Support DALI-2, Push Dimming
- Output current can be adjusted via NFC
- Height: 16mm
- Corridor Function
- DALI maintainace(Part 251,252,253)

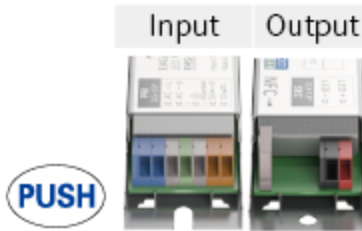


FMS-35-350 N-S DALI-2 LN1
FMS-75-600 N-S DALI-2 LN1
FMS-100-700 N-S DALI-2 LN1

Typical Applications:

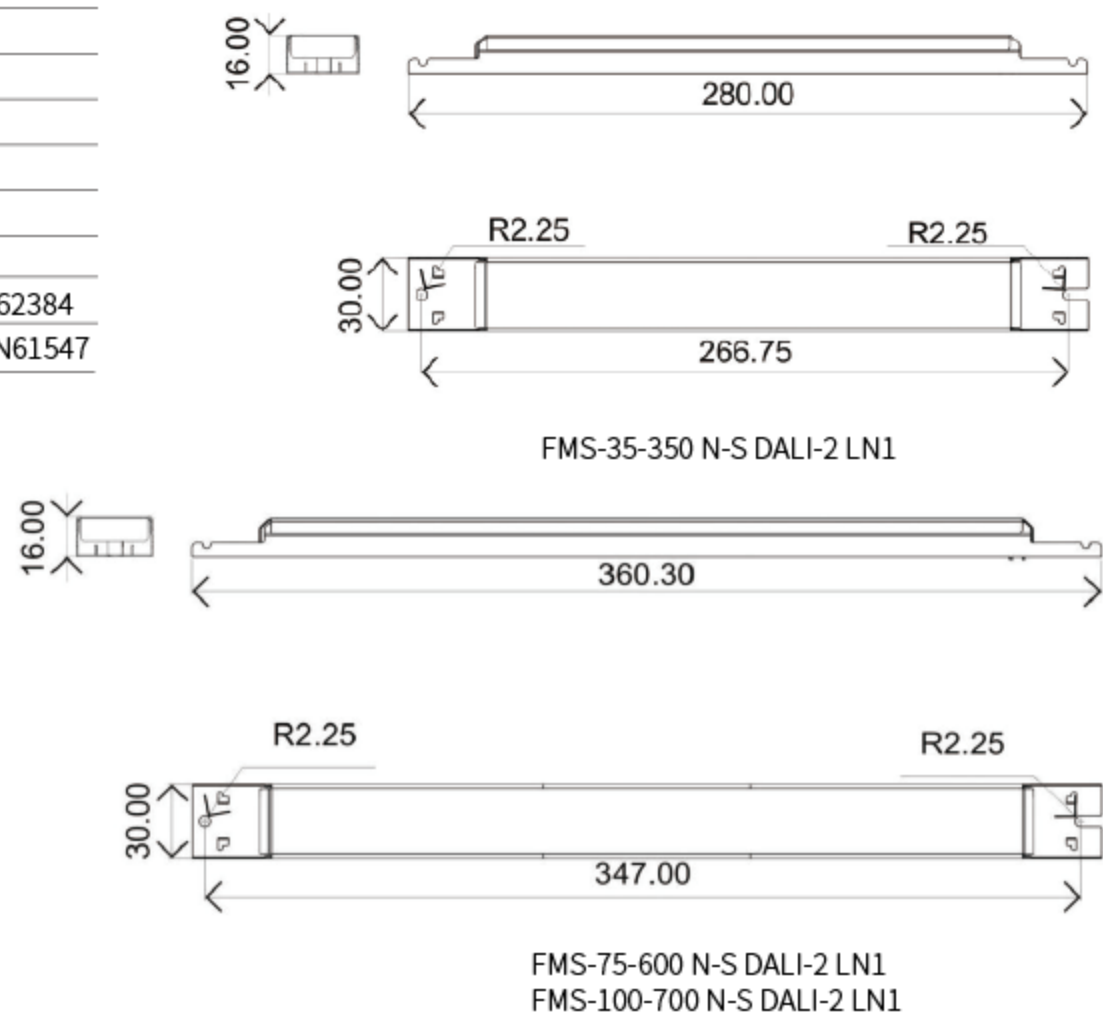


Linear Light



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Ta, Tc	Certification
FMS-35-350 N-S DALI-2 LN1	280*30*16	35W/ 80-350mA/ 50-220VDC	<10%	90%	≤0.5W	60°C/80°C	CE/ CB/ ENEC/ EL
FMS-75-600 N-S DALI-2 LN1	280*30*16	75W/ 120-600mA/ 50-220VDC	<10%	>92%	≤0.5W	55°C/85°C	CE/ CB/ ENEC/ EL
FMS-100-700 N-S DALI-2 LN1	360*30*16	100W/ 200-700mA/ 64-300VDC	10%	93%	≤0.5W	60°C/85°C	CE/ CB/ ENEC/ EL

AC Input Voltage Range	220-240 VAC 0/50/60 Hz
DC Input Voltage Range	176-280 VDC
Start-up Time	<0.7 s
Hold-up Time	1 s max
Withstand Voltage	Input-FG 1500 V/ 5 mA/ 1 min
	Output-FG 500V/ 5mA/ 1min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547



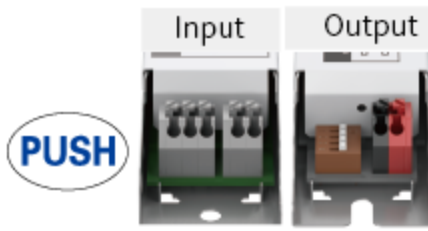
Linear-DALI Series 35-75W
DALI-2 Dimming LED Driver



- For luminaries of protection Class I, II, SELV
- DALI maintainace(Part 251,252,253)
- Output Current Range: 150-1800 mA
- Side caps optional,
Built in without side cpas; Independent with side caps

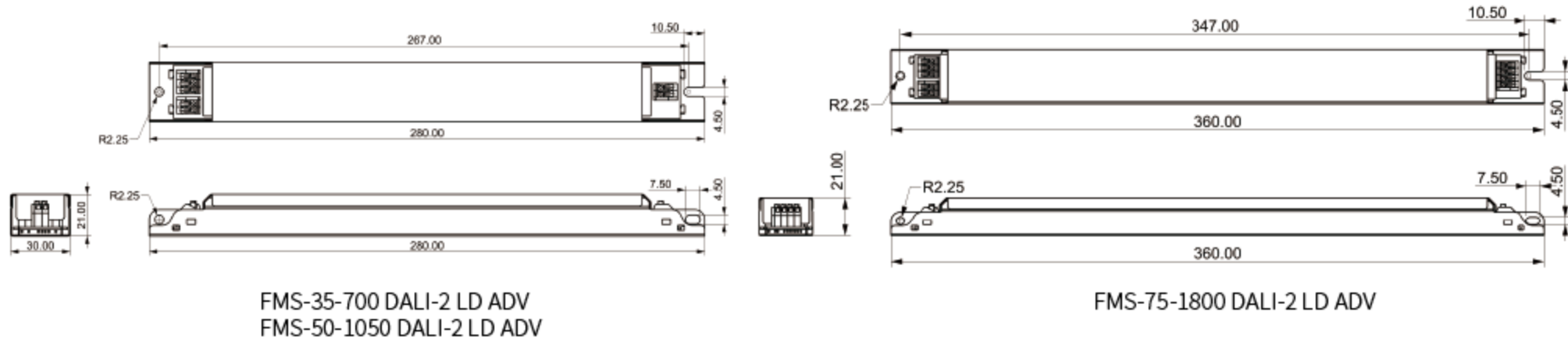


FMS-35-700 DALI-2 LD ADV
FMS-50-1050 DALI-2 LD ADV
FMS-75-1800 DALI-2 LD ADV



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Ta, Tc	Certification
FMS-35-700 DALI-2 LD ADV	280*30*21	35W/ 150-700mA/ 15-54VDC	<10%	90%	≤0.3W	60°C/ 75°C	CE/ ENEC/ EL
FMS-50-1050 DALI-2 LD ADV	280*30*21	50W/ 350-1050mA/ 15-54VDC	<10%	90%	≤0.3W	65°C/ 85°C	CE/ ENEC/ EL
FMS-75-1800 DALI-2 LD ADV	360*30*21	70W/ 1050-1800mA/ 20-52VDC	<10%	90%	≤0.3W	65°C/ 85°C	CE/ ENEC/ EL

Ac Input Voltage Range	220-240 VAC 0/50/60 Hz
Start-up Time	<0.7 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Standards	EN61347-1, EN61347-2-13, EN IEC 55015, EN IEC 61000-3-2 EN 6100-3-3, EN 61547, AS/NZS 61347.1, AS61347.2.13, IEC 61347-1, IEC 61347-2-13, GB 195010.1, GB 19510.14 GB/T 17743, GB 17625.1



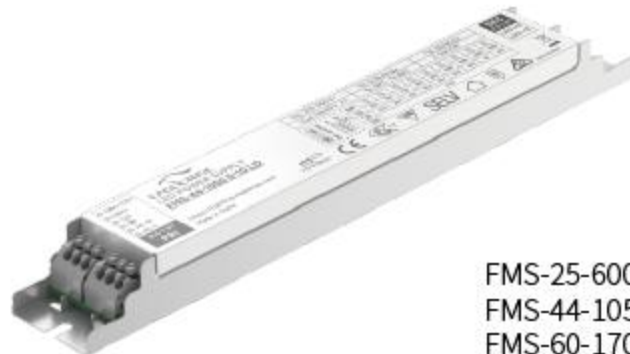
Linear-0-10 V Series 25-80W

0-10 V Dimming LED Driver

EAGLERISE

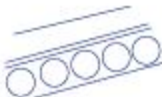
CB CE EL SELV

- Class I, SELV, built-in
- Input Voltage 220-240 VAC
- Protection: SCP/ OLP/ OVP
- Power Factor:>0.9
- Support 0-10V Dimming
- 5 Years Warranty
- IP20
- Built-in 12W auxiliary power supply

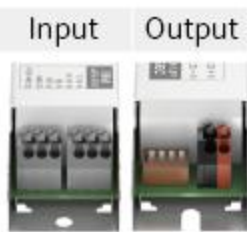


FMS-25-600 0-10 LD
FMS-44-1050 0-10 LD
FMS-60-1700 0-10 LD
FMS-80-2000 0-10 LD

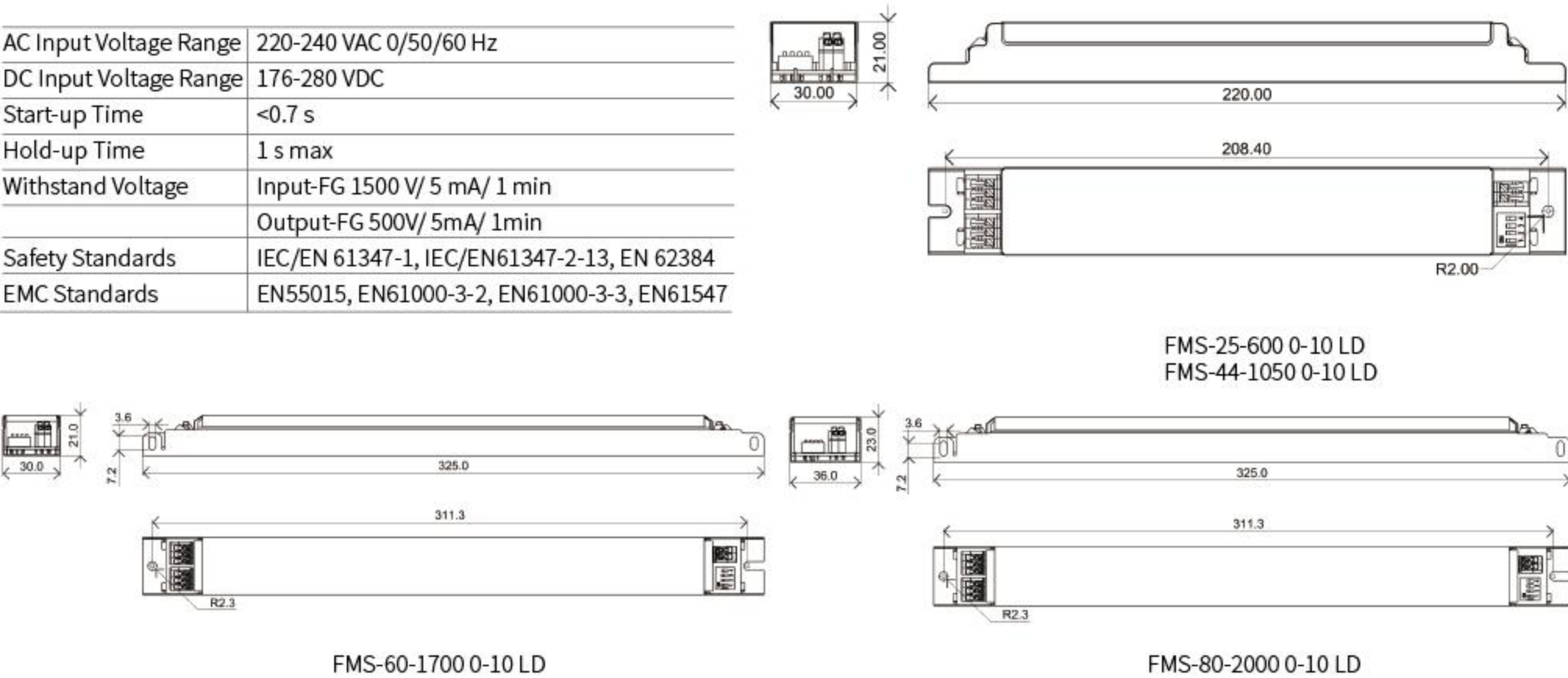
Typical Applications:



Linear Light



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Ta, Tc	Certification
FMS-25-600 0-10 LD	220*30*21	25W/ 200-600mA/ 9-42VDC	<10%	85%	≤0.5W	60°C/80°C	CE/ RCM/ ENEC/ EL
FMS-44-1050 0-10 LD	220*30*21	44W/ 650-1050mA/ 9-42VDC	<10%	88%	≤0.5W	60°C/85°C	CE/ RCM/ ENEC/ EL
FMS-60-1700 0-10 LD	325*30*21	60W/ 1100-1700mA/ 9-42VDC	<10%	87%	≤0.5W	60°C/90°C	CE/ RCM/ ENEC/ EL
FMS-80-2000 0-10 LD	325*36*23	80W/ 1550-2000mA/ 9-42VDC	<10%	88%	≤0.5W	60°C/90°C	CE/ RCM/ ENEC/ EL



LED DRIVER

Intelligent LED Driver

- Compact

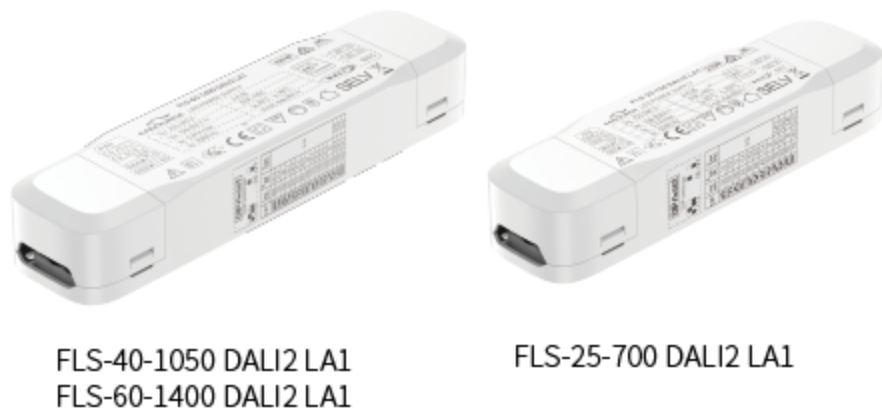


Compact-DALI-2 Series 25-60W
DALI-2 Dimming LED Driver



- Installation: Independent
- Class II, Isolated
- Flicker Free
- Warranty: 5 Years
- Protection: SCP/ OLP/ OVP
- Adjustable output current with dip switch
- Dimming depth 1 %, dimming range 1% to 100%
- Customizable logarithmic curve, linear dimming curve
- Support Push/ Touch DIM function, can be dimmed manually

Typical Applications:



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
FLS-25-700 DALI2 LA1	160*42*30	25W/ 150-700mA/ 9-52VDC	<10%	≥85%	≤0.5W	30A	45°C/ 85°C	CE/ CB/ ENEC/CCC EL/ RCM
FLS-40-1050 DALI2 LA1	187*45*30.5	40W/ 700-1050mA/ 9-52VDC	<10%	≥87%	≤0.5W	30A	45°C/ 75°C	CE/ CB/ ENEC/CCC EL/ RCM
FLS-60-1400 DALI2 LA1	187*45*30.5	40W/ 650-1400mA/ 9-52VDC	<10%	≥86%	≤0.5W	30A	45°C/ 90°C	CE/ CB/ ENEC/CCC EL/ RCM

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.7 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/ EN61347-1, IEC/ EN61347-2-13, EN62384, GB19510.1, GB19510.14
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547, GB/T17743, GB17625.1

FLS-25-700 DALI2 LA1

Vo	Po	Io	4	3	2	1
9-52 VDC	7.8 W	150 mA	/	ON	/	/
9-52 VDC	10.4 W	200 mA	/	ON	/	ON
9-52 VDC	13 W	250 mA	/	ON	ON	/
9-52 VDC	15.6 W	300 mA	/	ON	ON	ON
9-52 VDC	18.2 W	350 mA	ON	/	/	/
9-52 VDC	20.8 W	400 mA	ON	/	/	ON
9-52 VDC	23.4 W	450 mA	ON	/	ON	/
9-52 VDC	26 W	500 mA	ON	/	ON	ON
9-47.5 VDC	26.1 W	550 mA	ON	ON	/	/
9-43.5 VDC	26.1 W	600 mA	ON	ON	/	ON
9-40 VDC	26 W	650 mA	ON	ON	ON	/
9-37.5 VDC	26.3 W	700 mA	ON	ON	ON	ON

FLS-40-1050 DALI2 LA1

Vo	Po	Io	3	2	1
9-52 VDC	36.4 W	700 mA	/	/	/
9-52 VDC	39 W	750 mA	/	/	ON
9-52 VDC	41.6 W	800 mA	/	ON	/
9-49 VDC	41.7 W	850 mA	/	ON	ON
9-49 VDC	44.1 W	900 mA	ON	/	/
9-46 VDC	43.7 W	950 mA	ON	/	ON
9-44 VDC	44 W	1000 mA	ON	ON	/
9-42 VDC	44.1 W	1050 mA	ON	ON	ON

FLS-60-1400 DALI2 LA1

Vo	Po	Io	4	3	2	1
9-48 VDC	31.2 W	650 mA	/	/	/	/
9-48 VDC	33.6 W	700 mA	/	/	/	ON
9-48 VDC	36 W	750 mA	/	/	ON	/
9-48 VDC	38.4 W	800 mA	/	/	ON	ON
9-48 VDC	40.8 W	850 mA	/	ON	/	/
9-48 VDC	43.2 W	900 mA	/	ON	/	ON
9-48 VDC	45.6 W	950 mA	/	ON	ON	/
9-48 VDC	48 W	1000 mA	/	ON	ON	ON
9-48 VDC	50.4 W	1050 mA	ON	/	/	/
9-48 VDC	52.8 W	1100 mA	ON	/	/	ON
9-48 VDC	55.2 W	1150 mA	ON	/	ON	/
9-48 VDC	57.6 W	1200 mA	ON	/	ON	ON
9-48 VDC	60 W	1250 mA	ON	/	/	/
9-46 VDC	59.8 W	1300 mA	ON	ON	/	ON
9-44 VDC	59.4 W	1350 mA	ON	ON	ON	/
9-43 VDC	60.2 W	1400 mA	ON	ON	ON	ON

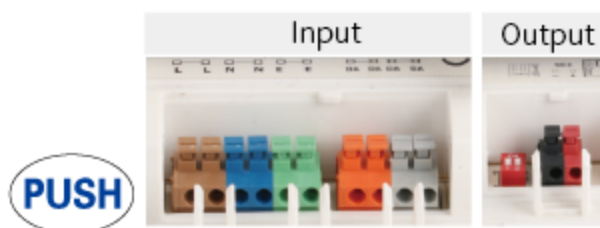
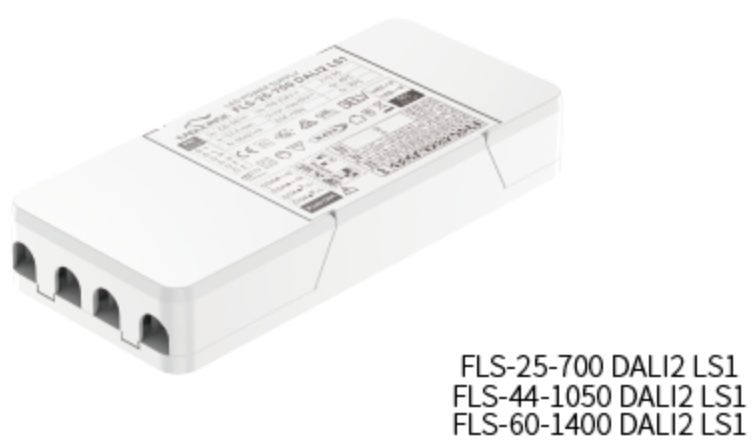
Factory Default

Compact-DALI-2 Series 25-60W
DALI-2 Dimming LED Driver



- Installation: Independent
- Class II, Isolated
- Protection: SCP/ OLP/ OVP
- Adjustable output current with dip switch
- Warranty: 5 Years
- Flicker Free
- Loop in, loop out
- Dimming depth 1 %, dimming range 1% to 100%
- Customizable logarithmic curve, linear dimming curve
- Support Push/ Touch DIM function, can be dimmed manually

Typical Applications:



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
FLS-25-700 DALI2 LS1	180*80*30	25W/ 150-700mA/ 9-42VDC	<10%	≥84%	≤0.5W	20A	45°C/ 75°C	CE/ CB/ ENEC/CCC EL/ RCM
FLS-44-1050 DALI2 LS1	180*80*30	44W/ 700-1050mA/ 9-52VDC	<10%	≥86%	≤0.5W	20A	45°C/ 85°C	CE/ CB/ ENEC/CCC EL/ RCM
FLS-60-1400 DALI2 LS1	180*80*30	60W/ 700-1400mA/ 9-52VDC	<10%	≥88%	≤0.5W	20A	45°C/ 85°C	CE/ CB/ ENEC/CCC EL/ RCM

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.7 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/ EN61347-1, IEC/ EN61347-2-13, EN62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547

FLS-25-600 DALI2 LS1

Vo	Po	Io	1	2
9-52 VDC	10.5 W	250 mA	/	/
9-42 VDC	14.7 W	350 mA	ON	/
9-42 VDC	21 W	500 mA	/	ON
9-42 VDC	25.2 W	600 mA	ON	ON

FLS-44-1050 DALI2 LS1

Vo	Po	Io	1	2	3	4
9-52 VDC	36.4 W	700 mA	ON	/	/	ON
9-52 VDC	39 W	750 mA	ON	/	ON	ON
9-52 VDC	41.6 W	800 mA	/	ON	/	ON
9-49 VDC	41.7 W	850 mA	/	ON	ON	/
9-49 VDC	44.1 W	900 mA	/	ON	ON	ON
9-46 VDC	43.7 W	950 mA	ON	ON	ON	/
9-44 VDC	44 W	1000 mA	ON	ON	/	ON
9-42 VDC	44.1 W	1050 mA	ON	ON	ON	ON

Factory Default

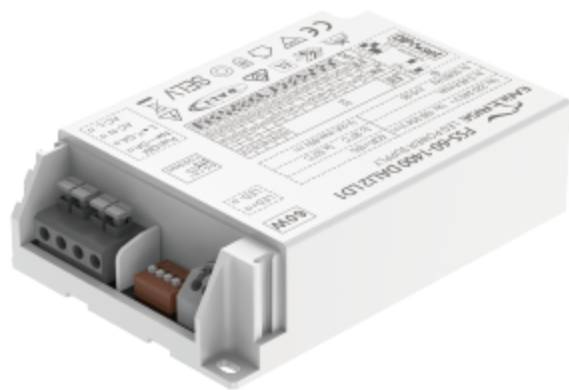
FLS-60-1400 DALI2 LS1

Vo	Po	Io	1	2	3	4
9-52 VDC	36.4 W	700 mA	ON	/	/	/
9-52 VDC	39 W	750 mA	/	ON	/	/
9-52 VDC	41.6 W	800 mA	ON	ON	/	/
9-52 VDC	44.2 W	850 mA	/	/	ON	/
9-52 VDC	46.8 W	900 mA	ON	/	ON	/
9-52 VDC	49.4 W	950 mA	/	ON	ON	/
9-52 VDC	52 W	1000 mA	ON	ON	ON	/
9-52 VDC	54.6 W	1050 mA	/	/	/	ON
9-52 VDC	57.2 W	1100 mA	ON	/	/	ON
9-52 VDC	59.8 W	1150 mA	/	ON	/	ON
9-50 VDC	60 W	1200 mA	ON	ON	/	ON
9-48 VDC	60 W	1250 mA	/	/	ON	ON
9-46 VDC	59.8 W	1300 mA	ON	/	ON	ON
9-44 VDC	59.4 W	1350 mA	/	ON	ON	ON
9-43 VDC	60.2 W	1400 mA	ON	ON	ON	ON

Compact-DALI-2 Series 60W
DALI-2 Dimming LED Driver



- Build in/ Independent with end-caps
- Class II, Isolated
- Protection: SCP/ OLP/ OVP/ OTP
- Adjustable output current with dip switch
- Warranty: 5 Years
- Flicker Free
- Dimming depth 1 %, dimming range 1% to 100%
- Customizable logarithmic curve, linear dimming curve
- Support Push/ Touch DIM function, can be dimmed manually
- Available accessories: Side caps, need to purchase seperatly (P87)



FSS-60-1400 DALI2 LD1

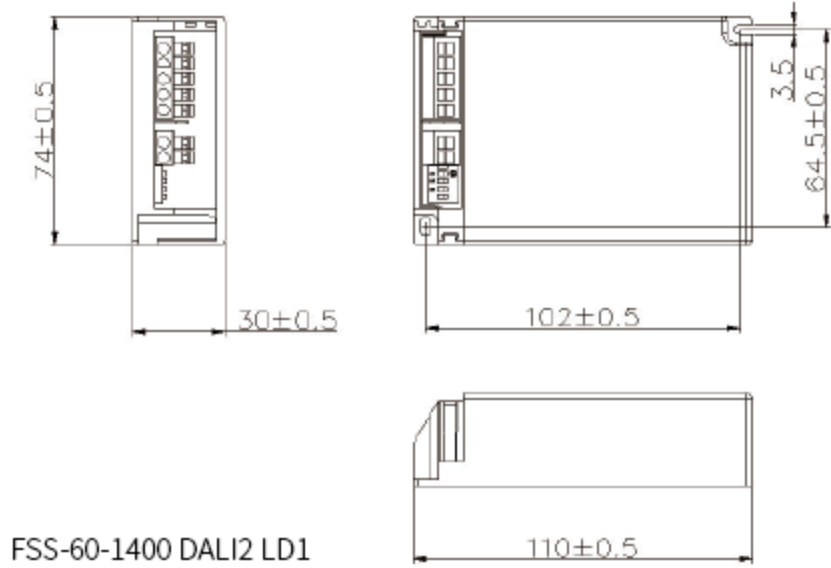
Typical Applications:



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
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FSS-60-1400 DALI2 LD1	110*74*30	60W/ 700-1400mA/ 9-52VDC	<10%	>86%	≤0.5W	30A	50°C/ 90°C	CE/ CB/ ENEC/CCC EL/ RCM
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Ac Input Voltage Range	220-240 VAC 50/60 Hz
Dc Input Voltage Range	176-280 VDC
Start-up Time	<0.7 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/ EN61347-1, IEC/ EN61347-2-13, EN62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547



FSS-60-1400 DALI2 LD1							
Vo	Po	Io	4	3	2	1	
9-52 VDC	36.4 W	700 mA	/	/	/	ON	/
9-52 VDC	39 W	750 mA	/	/	ON	/	/
9-52 VDC	41.6 W	800 mA	/	/	ON	ON	/
9-52 VDC	44.2 W	850 mA	/	ON	/	/	/
9-52 VDC	46.8 W	900 mA	/	ON	/	ON	/
9-52 VDC	49.6 W	950 mA	/	ON	ON	/	/
9-52 VDC	52 W	1000 mA	/	ON	ON	ON	/
9-52 VDC	54.6 W	1050 mA	ON	/	/	/	/
9-52 VDC	57.2 W	1100 mA	ON	/	/	ON	/
9-52 VDC	59.8 W	1150 mA	ON	/	ON	/	/
9-50 VDC	60 W	1200 mA	ON	/	ON	ON	/
9-48 VDC	60 W	1250 mA	ON	ON	/	/	/
9-46 VDC	59.8 W	1300 mA	ON	ON	/	ON	/
9-44 VDC	59.4 W	1350 mA	ON	ON	ON	/	/
9-43 VDC	60.2 W	1400 mA	ON	ON	ON	ON	/

Factory Default

Compact-DT8 Series 26-44W
DALI-2 Dimming LED Driver Turnable White



- Installation: Independent
- Class II, Isolated
- Protection: SCP/ OLP/ OVP/ OTP
- Warranty: 5 Years
- Flicker Free
- Dimming depth 1%, dimming range 1% to 100%
- Customizable logarithmic curve, linear dimming curve
- Support Push/Touch Dimming and can be dimmed manually
- Available accessories: Side caps, need to purchase seperatly (P87)



FLS-26-750 DALI2-DT8 LD
FLS-44-1050 DALI2-DT8 LD

Typical Applications:

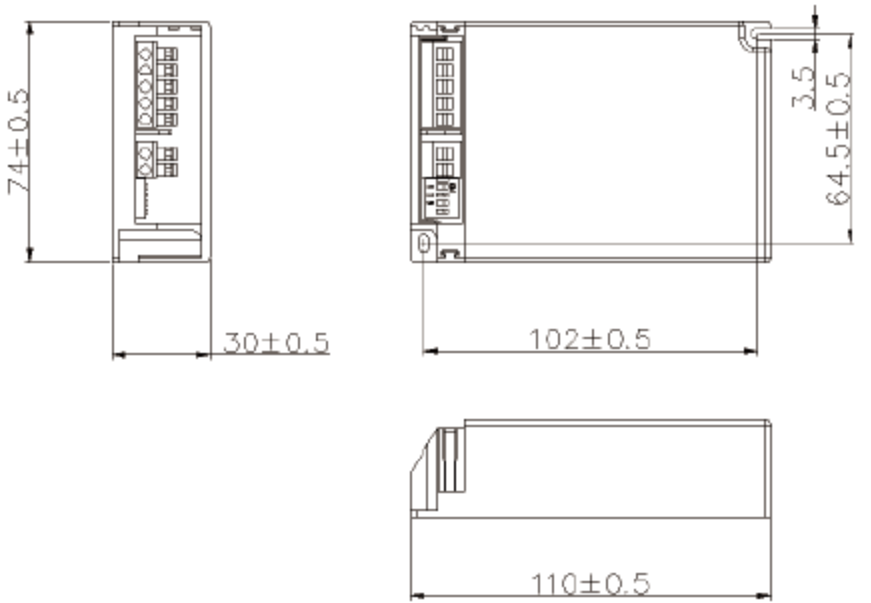


Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
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FLS-26-700 DALI2-DT8 LD	110*74*30	26W/ 150-700mA/ 9-42VDC	≤10%	>83%	≤0.5W	30A	50°C/ 90°C	CE/ CB/ ENEC/CCC/ EL
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FLS-44-1050 DALI2-DT8 LD	110*74*30	44W/ 700-1050mA/ 9-42VDC	≤10%	>86%	≤0.5W	30A	50°C/ 90°C	CE/ CB/ ENEC/CCC/ EL
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Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.7 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/ EN61347-1, IEC/ EN61347-2-13, EN62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547

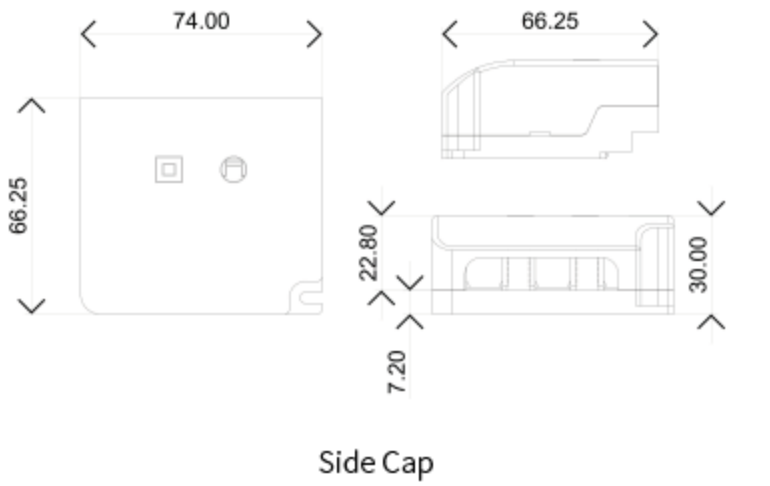


FLS-26-700 DALI2-DT8 LD							
Vo	Po	Io	1	2	3	4	
9-42 VDC	6.3 W	150 mA	/	/	/	/	/
9-42 VDC	8.4 W	200 mA	ON	/	ON	/	/
9-42 VDC	10.5 W	250 mA	/	ON	ON	/	/
9-42 VDC	12.6 W	300 mA	ON	ON	ON	/	/
9-42 VDC	14.7 W	350 mA	/	/	/	ON	/
9-42 VDC	16.8 W	400 mA	ON	/	/	ON	/
9-42 VDC	18.9 W	450 mA	/	ON	/	ON	/
9-42 VDC	21 W	500 mA	ON	ON	/	ON	/
9-42 VDC	23.1 W	550 mA	/	/	ON	ON	/
9-42 VDC	25.2 W	600 mA	ON	/	ON	ON	/
9-40 VDC	26 W	650 mA	/	ON	ON	ON	/
9-37.5 VDC	26.3 W	700 mA	ON	ON	ON	ON	/

Factory Default

FLS-44-1050 DALI2-DT8 LD							
Vo	Po	Io	3	2	1		
9-42 VDC	29.4 W	700 mA	/	/	/	/	/
9-42 VDC	31.5 W	750 mA	/	/	ON	/	/
9-42 VDC	33.6 W	800 mA	/	ON	/	/	/
9-42 VDC	35.7 W	850 mA	/	ON	ON	/	/
9-42 VDC	37.8 W	900 mA	ON	/	/	/	/
9-42 VDC	39.9 W	950 mA	ON	/	ON	/	/
9-42 VDC	42 W	1000 mA	ON	ON	/	/	/
9-42 VDC	44.1 W	1050 mA	ON	ON	ON	/	/

FLS-26-750 DALI2-DT8 LD
FLS-44-1050 DALI2-DT8 LD



Compact-DALI-2 Series 26-44W
DALI-2 Dimming LED Driver



- Installation: Built-in & Independent with end caps
- Class II, Isolated
- Protection: SCP/ OLP/ OVP
- Adjustable output current with dip switch
- Warranty: 5 Years
- Flicker Free
- Dimming depth 1 %, dimming range 1% to 100%
- Customizable logarithmic curve, linear dimming curve
- Available accessories: Side caps, need to purchase seperatly (P87)



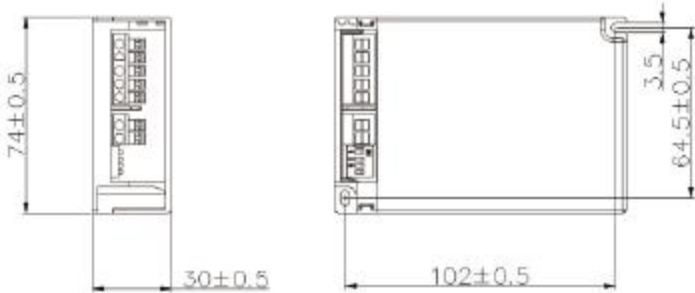
FSS-26-700 DALI-2 D4i LN
FSS-44-1050 DALI-2 D4i LN

Typical Applications:

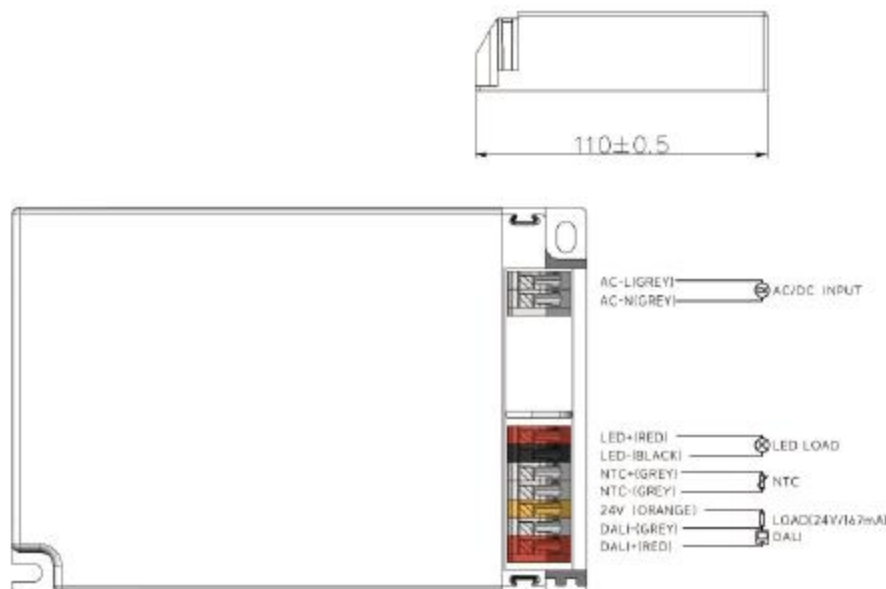


Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Ta, Tc	Certification
FSS-26-700 DALI-2 D4i LN	110*74*30	26W/ 100-700mA/ 9-42VDC	10%	≥83%	≤0.5W	45°C/ 85°C	CE/ CB/ENEC/CCC
FSS-44-1050 DALI-2 D4i LN	110*74*30	44W/ 700-1050mA/ 9-42VDC	10%	≥86%	≤1W	45°C/ 85°C	CE/ CB/ENEC/CCC

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.7 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/ EN61347-1, IEC/ EN61347-2-13, EN62384, GB19510.1, GB19510.14
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547, GB/T17743, GB17625.1



Paramete	Min.	Typ.	Max.	Note
24V Auxiliary Output Voltage	22.8 V	24 V	25.2 V	
24V Auxiliary Output Source Current	0 mA	-	167 mA	Return terminal is "DA"
24V Auxiliary Output Transient Peak Current @5.5W	-	-	230 mA	230 mA peak for a maximum duration of 2.2 ms in a 6.0 ms period during which time the average should not exceed 167 mA. Voltage is depending on lo
Integrated DALI-2 Bus Power Supply Voltage	12 Vdc	16 Vdc	20 Vdc	
Integrated DALI-2 Bus Power Supply Current	60 mA	-	80 mA	Return terminal is "DA"



FSS-26-700 DALI-2 D4i LN
FSS-44-1050 DALI-2 D4i LN

Compact-Bluetooth Series 40W
Bluetooth Dimming LED Driver



- Installation: Independent/ Build in
- Class II, Isolated
- Protection: SCP/ OLP/ OVP/ OTP
- Warranty: 5 Years
- Flicker free
- Dimming depth 1%, dimming range 1% to 100%



FLS-40-1000 Blue LA



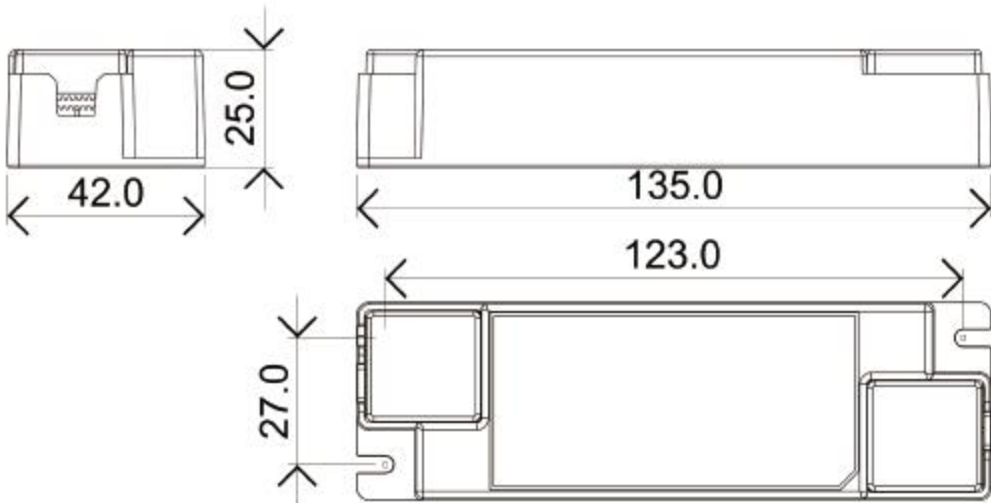
FLS-40-1050 Blue LA-JX

Typical Applications:

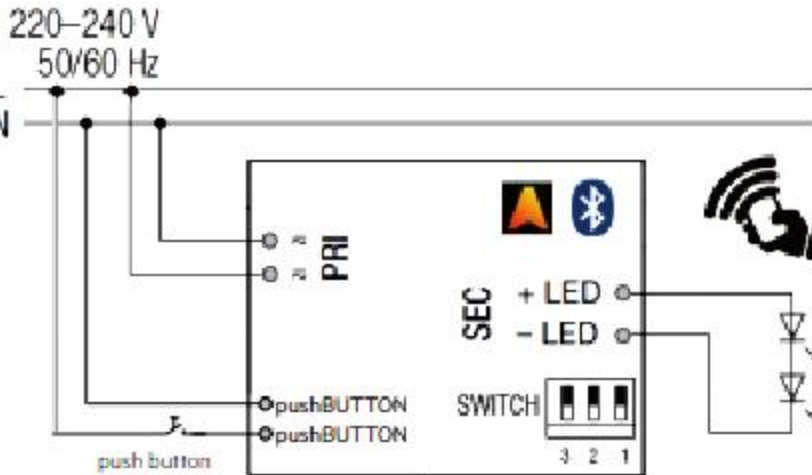


Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
FLS-40-1000 Blue LA	187*45*30.5	40W/ 800-1000mA/ 24-40VDC	<10%	≥87%	≤0.5W	30A	45°C/75°C	CCC
FLS-40-1050 Blue LA-JX	135*42*25	40W/ 900-1050mA/ 28-40VDC	<10%	≥87%	≤0.5W	30A	45°C/85°C	CCC

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/ EN61347-1, IEC/ EN61347-2-13
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547



FLS-40-1000 Blue LA



Compact-Zigbee Series 40W
Zigbee Dimming LED Driver



- Installation: Independent/ Build in
- Class II, Isolated
- Protection: SCP/ OLP/ OVP/ OTP
- Warranty: 5 Years
- Flicker free
- Dimming depth 1%, dimming range 1% to 100%



FLS-40-1000 Zigb LA

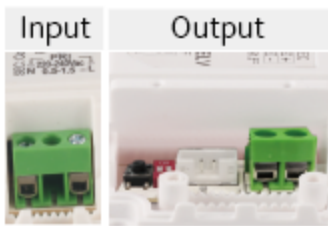


Sen-CI-Zigbee3-A

Typical Applications:



Down Light Ceiling Light



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
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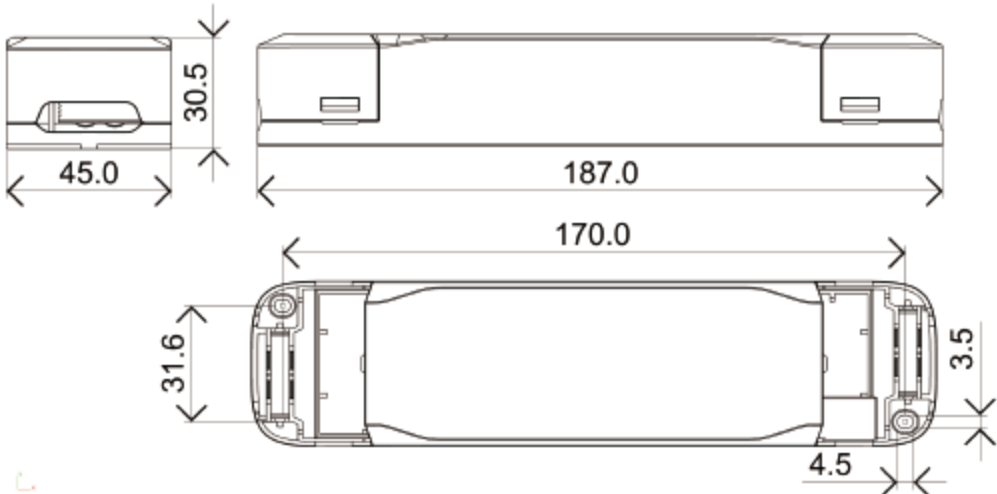
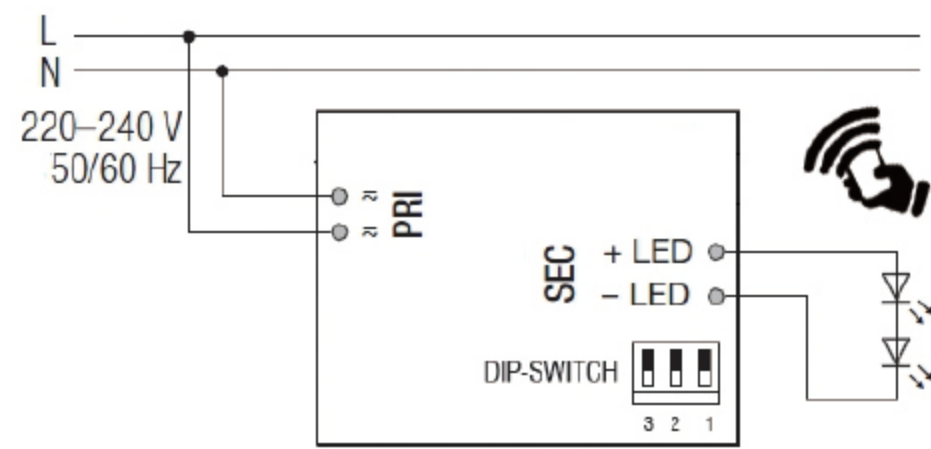
FLS-40-1000 Zigb LA	187*45*30.5	40W/ 700-1000mA/ 30-42VDC	<15%	≥86%	≤0.5W	30A	45°C/85°C	CCC
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Sen-CI-Zigbee3-A	35*23*21.5						45°C/85°C	
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Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<1.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	EN61347-1, EN61347-2-13, GB19510.1, GB19510.14
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547, GB/T 17743, GB17625.1

Vo	Po	Io	1	2
30-42 VDC	29.4 W	700 mA	ON	ON
30-42 VDC	33.6 W	800 mA	/	ON
30-42 VDC	37.8 W	900 mA	ON	/
30-42 VDC	40 W	1000 mA	/	/

Factory Default



FLS-40-1000 Zigb LA

Compact-0-10V Series 15-60W
0-10V Dimming LED Driver



- Installation: Independent
- Class II, Isolated
- Protection: SCP/ OLP/ OVP
- Warranty: 5 Years
- Flicker free
- Adjustable output current with dip switch
- Dimming depth 1%, dimming range 5% to 100%
- Built-in 12W auxiliary power supply
- Dimmer port isolation
- Compatible dimmer in Page 42

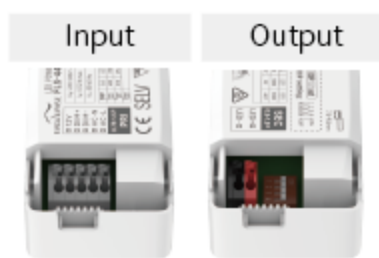


FLS-15-350 0-10 LA
FLS-25-600 0-10 LA
FLS-44-1050 0-10 LA
FLS-60-1700 0-10 LA

Typical Applications:



Down Light Panel Light



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
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FLS-15-350 0-10 LA	125*45*26	15W/ 120-350mA/ 9-42VDC	<10%	≥80%	≤0.5W	20A	45°C/85°C	CCC/ ENEC/ CE/ CB
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FLS-25-600 0-10 LA	125*45*26	25W/ 200-600mA/ 9-42VDC	<10%	≥84%	≤0.5W	20A	45°C/85°C	CCC/ ENEC/ CE/ CB
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FLS-44-1050 0-10 LA	138*45*28	44W/ 650-1050mA/ 9-42VDC	<10%	≥85%	≤0.5W	20A	45°C/85°C	CCC/ ENEC/ CE/ CB
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FLS-60-1700 0-10 LA	150*45*30	60W/ 1100-1700mA/ 12-42VDC	<10%	≥88%	≤0.5W	20A	45°C/85°C	CCC/ ENEC/ CE/ CB
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Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	EN61347-1, EN61347-2-13, GB19510.1, GB19510.14, EN 62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547, GB17743, GB17625.1

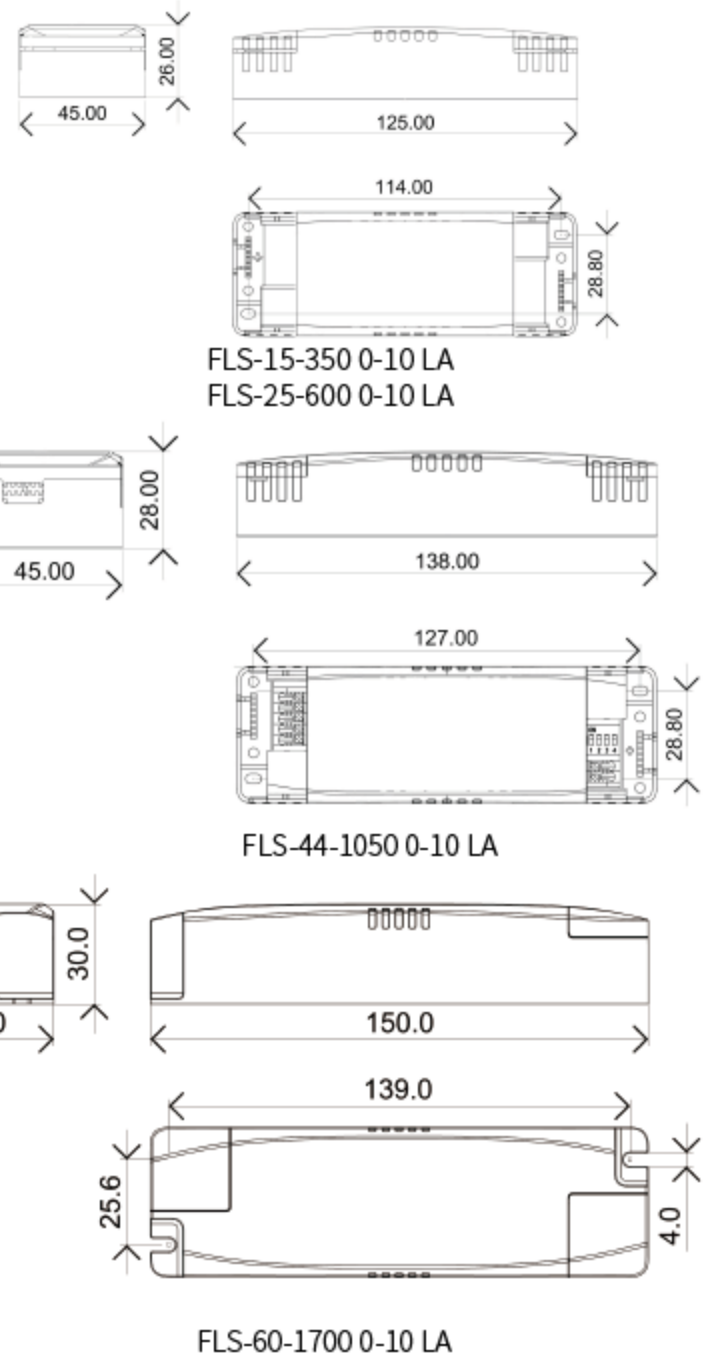
FLS-15-350 0-10 LA					
Vo	Po	Io	1	2	3
9-42 VDC	5 W	120 mA	ON	/	/
9-42 VDC	6.3 W	150 mA	/	ON	/
9-42 VDC	7.56 W	180 mA	/	/	ON
9-42 VDC	8.4 W	200 mA	/	/	ON
9-42 VDC	9.24 W	220 mA	ON	/	ON
9-42 VDC	10.5 W	250 mA	/	ON	ON
9-42 VDC	12.6 W	300 mA	ON	/	ON
9-42 VDC	14.7 W	350 mA	ON	ON	ON

FLS-44-1050 0-10 LA					
Vo	Po	Io	1	2	3
9-42 VDC	27.3 W	650 mA	ON	ON	/
9-42 VDC	29.4 W	700 mA	/	/	ON
9-42 VDC	31.5 W	750 mA	ON	/	ON
9-42 VDC	33.6 W	800 mA	/	ON	ON
9-42 VDC	35.7 W	850 mA	ON	ON	/
9-42 VDC	37.8 W	900 mA	/	/	ON
9-42 VDC	39.9 W	950 mA	ON	/	ON
9-42 VDC	42 W	1000 mA	/	ON	ON
9-42 VDC	44.1 W	1050 mA	ON	ON	ON

FLS-25-600 0-10 LA					
Vo	Po	Io	1	2	3
9-42 VDC	8.4 W	200 mA	/	/	/
9-42 VDC	10.5 W	250 mA	/	/	ON
9-42 VDC	12.6 W	300 mA	/	/	ON
9-42 VDC	14.7 W	350 mA	/	/	ON
9-42 VDC	16.8 W	400 mA	/	ON	/
9-42 VDC	18.9 W	450 mA	/	ON	ON
9-42 VDC	21 W	500 mA	/	ON	ON
9-42 VDC	23.1 W	550 mA	/	ON	ON
9-42 VDC	25.2 W	600 mA	ON	ON	ON

FLS-60-1700 0-10 LA					
Vo	Po	Io	1	2	3
12-42 VDC	46.2 W	1100 mA	/	/	/
12-42 VDC	48.3 W	1150 mA	/	/	ON
12-42 VDC	50.4 W	1200 mA	/	/	ON
12-42 VDC	52.5 W	1250 mA	/	/	ON
12-42 VDC	54.6 W	1300 mA	/	ON	/
12-42 VDC	56.7 W	1350 mA	/	ON	ON
12-42 VDC	58.8 W	1400 mA	/	ON	ON
12-41 VDC	59.5 W	1450 mA	/	ON	ON
12-40 VDC	60 W	1500 mA	ON	/	ON
12-38.7 VDC	60 W	1550 mA	ON	ON	/
12-37.5 VDC	60 W	1600 mA	ON	ON	ON
12-36 VDC	59.4 W	1650 mA	ON	ON	ON
12-36 VDC	61.2 W	1700 mA	ON	ON	ON

Factory Default



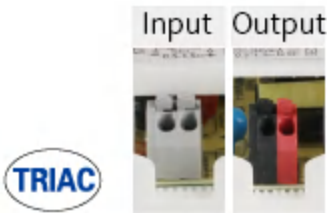
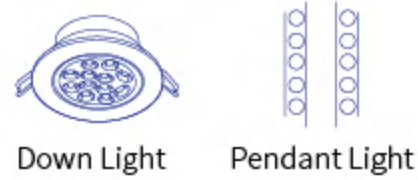
Compact-Triac Series 6-50W
Triac Dimming LED Driver



- Installation: Independent/ Build in
- Class II, Isolated
- Protection: SCP/ OLP/ OVP/ OTP
- Warranty: 5 Years
- Flicker free
- Dimming depth 1%, dimming range 1% to 100%
- Support Leading sdge (TRIAC) and Trailing edge (ELV)

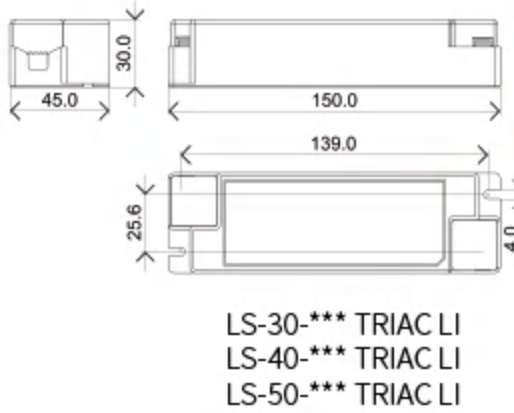
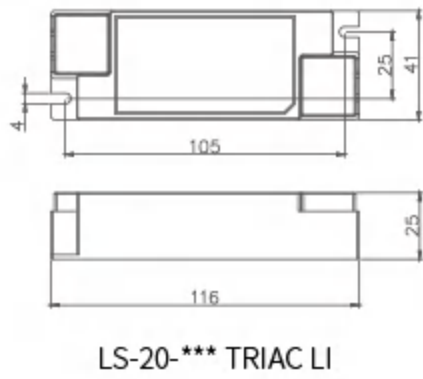
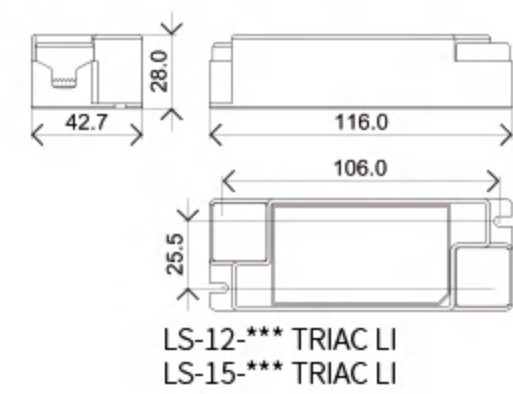
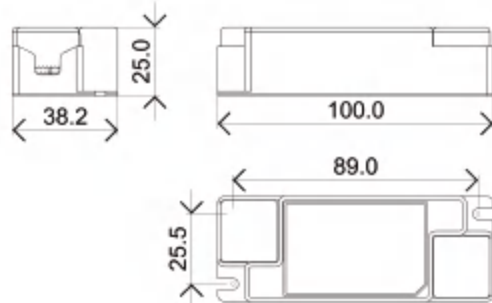


Typical Applications:



Best Seller	Size (L*W*H)	Output	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
LS-6-150 TRIAC LI	100*38*25	6W/ 150mA/ 27-42VDC	≥74%	≤1W	10A	50°C/75°C	CB/ CE/ CCC/RCM/ ENEC
LS-9-200 TRIAC LI LS-9-350 TRIAC LI	100*38*25	9W/ 200mA/ 27-42VDC 9W/ 350mA/ 12-17VDC	≥76%	≤1W	10A	50°C/75°C	CB/ CE/ CCC/RCM/ ENEC
LS-12-250 TRIAC LI LS-12-300 TRIAC LI	116*42.5*28	12W/ 250mA/ 32-48VDC 12W/ 300mA/ 26-40VDC	≥82%	≤1W	10A	50°C/80°C	CB/ CE/ CCC/RCM/ ENEC
LS-15-300 TRIAC LI LS-15-350 TRIAC LI LS-15-700 TRIAC LI	116*42.5*28	15W/ 300mA/ 35-50VDC 15W/ 350mA/ 27-42VDC 15W/ 700mA/ 14-22VDC	≥82%	≤1W	10A	50°C/80°C	CB/ CE/ CCC/RCM/ ENEC
LS-20-300 TRIAC LI LS-20-350 TRIAC LI LS-20-500 TRIAC LI LS-20-700 TRIAC LI	116*42.5*28	20W/ 300mA/ 50-68VDC 20W/ 350mA/ 40-60VDC 20W/ 500mA/ 27-42VDC 20W/ 700mA/ 20-30VDC	≥83%	≤1W	10A	50°C/80°C	CB/ CE/ CCC/RCM/ ENEC
LS-30-600 TRIAC LI LS-30-700 TRIAC LI	150*45*30	30W/ 600mA/ 48-72VDC 30W/ 700mA/ 30-48VDC	≥86%	≤1W	30A	45°C/70°C	CB/ CE/ CCC/RCM/ ENEC
LS-40-700 TRIAC LI LS-40-900 TRIAC LI LS-40-1050 TRIAC LI	150*45*30	40W/ 700mA/ 36-54VDC 40W/ 900mA/ 27-42VDC 40W/ 1050mA/ 27-40VDC	≥87%	≤1W	30A	45°C/75°C	CB/ CE/ CCC/RCM/ ENEC
LS-50-1050 TRIAC LI LS-50-1200 TRIAC LI	150*45*30	50W/ 1050mA/ 30-48VDC 50W/ 1200mA/ 27-42VDC	≥87%	≤1W	30A	45°C/85°C	CB/ CE/ CCC/RCM/ ENEC

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN61347-1, IEC/EN61347-2-13, EN 62384, AS/NZS 61347.1, AS61347.2.13
EMC Standards	EN55015, EN61000-3-2 Class C, EN61000-3-3, EN61547



LS-6-*** TRIAC LI
LS-9-*** TRIAC LI

LS-30-*** TRIAC LI
LS-40-*** TRIAC LI
LS-50-*** TRIAC LI

LED DRIVER
Intelligent LED Driver - Mini



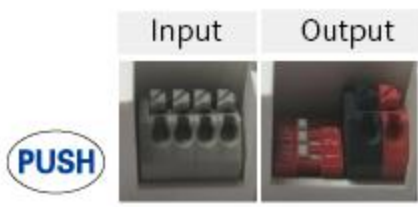
Mini-DALI-2 Series 30-42W
DALI-2 Dimming LED Driver



- For luminaries of protection Class I, II, SELV, Built-in/Independent (With side caps)
- Protections: SCP/OLP/OVP/OTP
- Power Factor: >0.95
- Efficiency: 90%
- No-load Power ≤ 0.3W
- Support DALI-2, Push Dimming
- EOFi=100%
- 22mm height
- DALI maintainance (Part 251, 252, 253)
- Suitable for emergency lighting acc. to EN 50172
- 5 years warranty

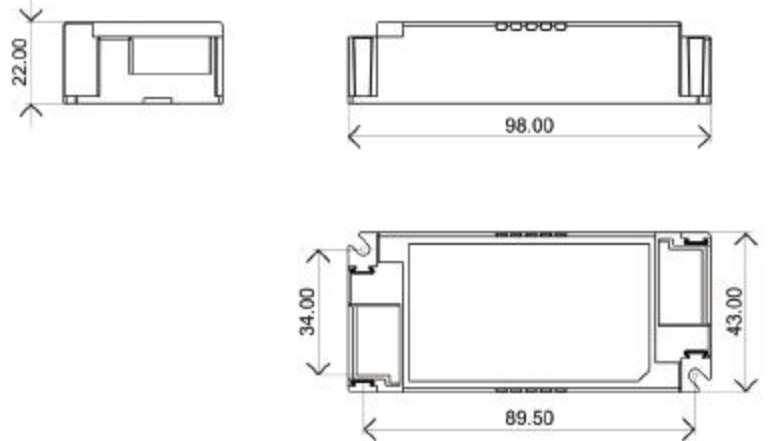


Typical Applications:



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Ta, Tc	Certification
FLS-30-700 DALI-2 LD PRO	98*43*22	30W/ 150-700mA/ 2.5-49VDC	<10%	>90%	≤0.3W	45°C/ 85°C	CE/ CB/ ENEC/ CCC/ RCM/ EL
FLS-42-1050 DALI-2 LD PRO	98*43*22	42W/ 300-1050mA/ 2.5-49VDC	<10%	>90%	≤0.3W	45°C/ 85°C	CE/ CB/ ENEC/ CCC/ RCM/ EL

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Dc Input Voltage Range	176-280 VDC
Start-up Time	<0.7 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Standards	EN61347-1, EN61347-2-13, EN IEC 55015, EN IEC 61000-3-2
	EN 6100-3-3, EN 61547, AS/NZS 61347.1, AS61347.2.13,
	IEC 61347-1, IEC 61347-2-13, GB 195010.1, GB 19510.14
	GB/T 17743, GB 17625.1

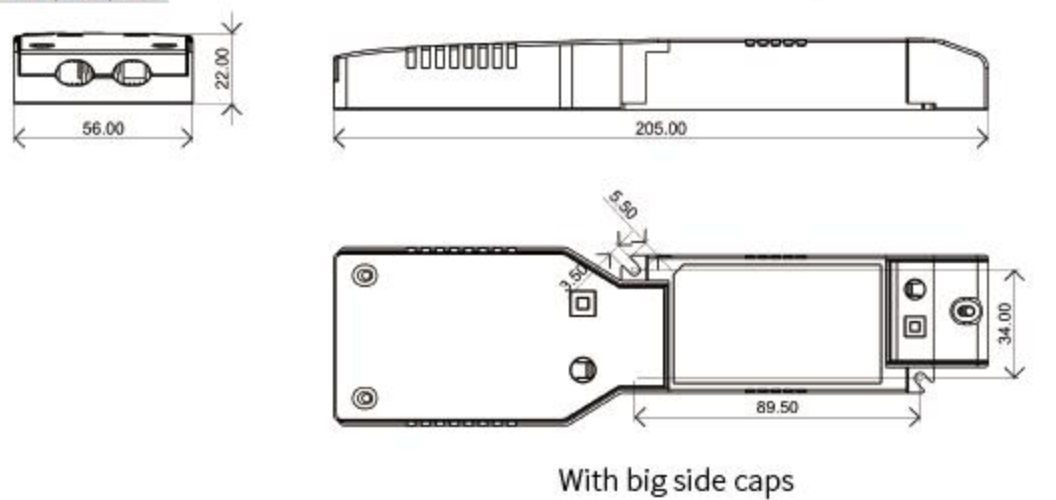


FLS-42-1050 DALI-2 LD PRO

Vo	Po	Io	1	2	3	4
9-49 VDC	14.7 W	300 mA	/	/	/	/
9-49 VDC	17.2 W	350 mA	ON	/	/	/
9-49 VDC	19.6 W	400 mA	/	ON	/	/
9-49 VDC	22.1 W	450 mA	ON	ON	/	/
9-49 VDC	24.5 W	500 mA	/	/	ON	/
2.5-45 VDC	24.8 W	550 mA	ON	/	ON	/
2.5-45 VDC	27 W	600 mA	/	ON	ON	/
2.5-45 VDC	29.3 W	650 mA	ON	ON	ON	/
2.5-45 VDC	31.5 W	700 mA	/	/	/	ON
2.5-45 VDC	33.8 W	750 mA	ON	/	/	ON
2.5-45 VDC	36 W	800 mA	/	ON	/	ON
2.5-45 VDC	38.3 W	850 mA	ON	ON	/	ON
2.5-45 VDC	40.5 W	900 mA	/	/	ON	ON
2.5-42 VDC	39.9 W	950 mA	ON	/	ON	ON
2.5-42 VDC	42 W	1000 mA	/	ON	ON	ON
2.5-40 VDC	42 W	1050 mA	ON	ON	ON	ON

FLS-30-700 DALI-2 LD PRO

Vo	Po	Io	1	2	3	4
9-49 VDC	7.35 W	150 mA	/	/	ON	/
9-49 VDC	9.8 W	200 mA	ON	/	ON	/
9-49 VDC	12.25 W	250 mA	/	ON	ON	/
9-49 VDC	14.7 W	300 mA	ON	ON	ON	/
9-49 VDC	17.15 W	350 mA	/	/	/	ON
2.5-45 VDC	18 W	400 mA	ON	/	/	ON
2.5-45 VDC	20.25 W	450 mA	/	ON	/	ON
2.5-45 VDC	22.5 W	500 mA	ON	ON	/	ON
2.5-45 VDC	24.75 W	550 mA	/	/	ON	ON
2.5-45 VDC	27 W	600 mA	ON	/	ON	ON
2.5-45 VDC	29.25 W	650 mA	/	ON	ON	ON
2.5-42 VDC	29.4 W	700 mA	ON	ON	ON	ON



Factory Default

Mini-DALI-2 Series 30-44W
DALI-2 Dimming LED Driver

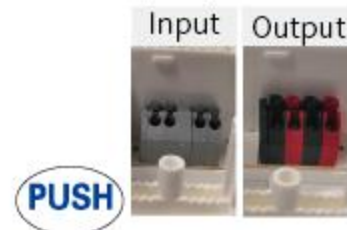


- Installation: Independent
- Class II, Isolated
- Protection: SCP/ OLP/ OVP/ OTP
- Warranty: 5 Years
- Flicker Free
- Dimming depth 1%, dimming range 1% to 100%
- Customizable logarithmic curve, linear dimming curve
- Support Push/Touch Dimming and can be dimmed manually
- Available accessories: Side caps, need to purchase separately (P87)



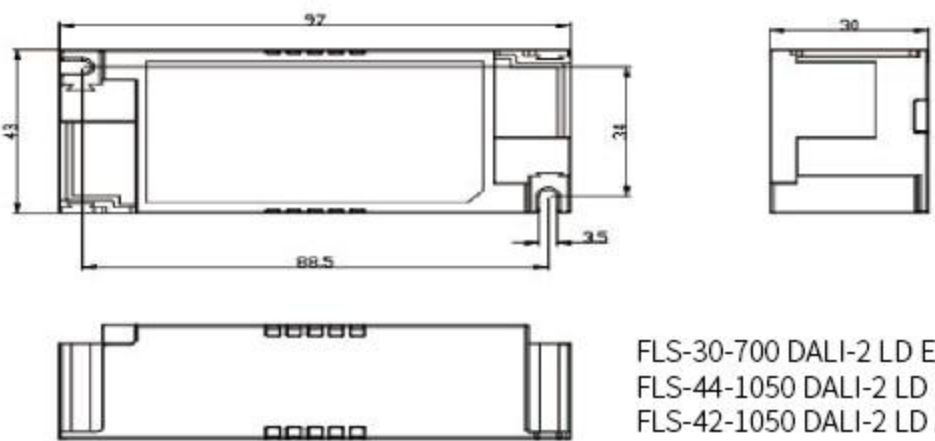
FLS-30-700 DALI-2 LD ECO
FLS-44-1050 DALI-2 LD ECO
FLS-42-1050 DALI-2 LD ADV

Typical Applications:

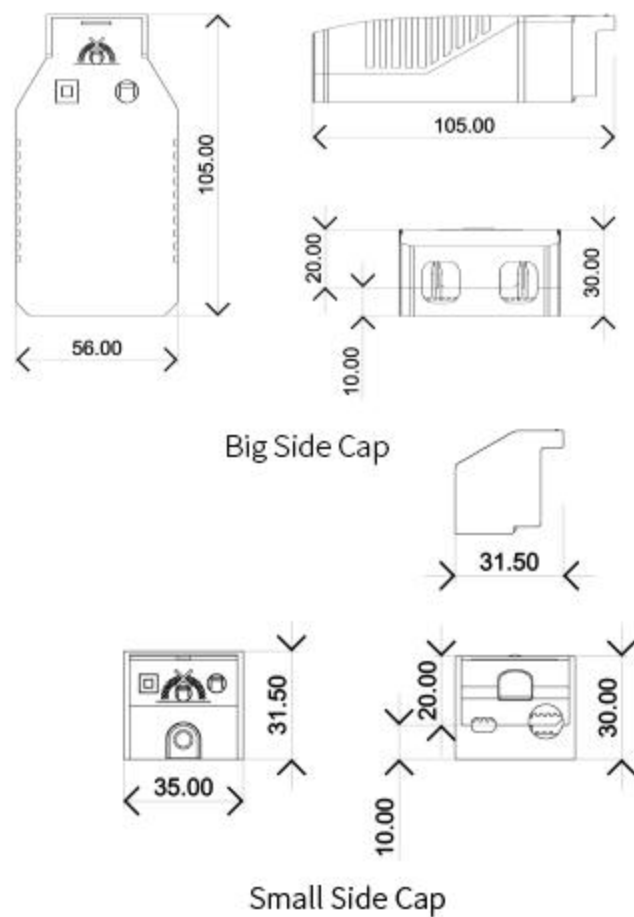


Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Ta, Tc	Certification
FLS-30-700 DALI-2 LD ECO	97*43*30	30W/ 150-700mA/ 24-42VDC	≤6%	>87%	≤0.5W	50°C/ 80°C	CE/ CB/ ENEC/CCC EL/RCM
FLS-44-1050 DALI-2 LD ECO	97*43*30	44W/ 700-1050mA/ 24-42VDC	≤6%	>87%	≤0.5W	50°C/ 90°C	CE/ CB/ ENEC/CCC EL/RCM
FLS-42-1050 DALI-2 LD ADV	97*43*30	42W/ 150-1050mA/ 2.5-52VDC	<10%	>87%	≤0.5W	45°C/ 85°C	CE/ CB/ ENEC/CCC EL/RCM

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Dc Input Voltage Range	176-280 VDC
Start-up Time	<0.7 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/ EN61347-1, IEC/ EN61347-2-13, EN62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547



FLS-30-700 DALI-2 LD ECO
FLS-44-1050 DALI-2 LD ECO
FLS-42-1050 DALI-2 LD ADV



Mini-DALI-2 Series 8-60W
DALI-2 Dimming LED Driver



- Build in/ Independent with end-caps
- Class II, Isolated
- Protection: SCP/ OLP/ OVP/ OTP
- Adjustable output current with dip switch
- Warranty: 5 Years
- Flicker Free
- Dimming depth 1 %, dimming range 1% to 100%
- Customizable logarithmic curve, linear dimming curve
- Support Push/ Touch DIM function, can be dimmed manually
- Available accessories: Side caps, need to purchase seperatly (P87)



FLS-8-350 DALI-2 LD



FLS-12-350 DALI2 LD

Typical Applications:



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
FLS-8-350 DALI-2 LD	142*30*20	8W/ 120-350mA/ 9-42VDC	<10%	>80%	≤0.5W	30A	50°C/ 75°C	CE/ CB/ ENEC/CCC EL/ RCM
FLS-12-350 DALI2 LD	85*40*21.5	12W/ 120-350mA/ 9-42VDC	<10%	>82%	≤0.5W	30A	50°C/ 80°C	CE/ CB/ ENEC/CCC EL/ RCM
FSS-60-1400 DALI2 LD1	110*74*30	60W/ 700-1400mA/ 9-52VDC	<10%	>86%	≤0.5W	30A	50°C/ 90°C	CE/ CB/ ENEC/CCC EL/ RCM

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Dc Input Voltage Range	176-280 VDC
Start-up Time	<0.7 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/ EN61347-1, IEC/ EN61347-2-13, EN62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547

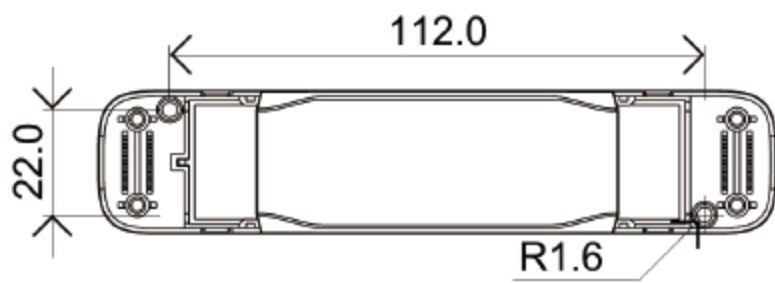
FLS-8-350 DALI-2 LD

Vo	Po	Io	1	2	3
5-42 VDC	5.04 W	120 mA	/	/	/
5-42 VDC	6.3 W	150 mA	ON	/	/
5-42 VDC	7.56 W	180 mA	/	ON	/
5-42 VDC	8.4 W	200 mA	ON	ON	/
5-32 VDC	8 W	250 mA	/	/	ON
5-32 VDC	8.96 W	280 mA	ON	/	ON
5-27 VDC	8.1 W	300 mA	/	ON	ON
5-24 VDC	8.4 W	350 mA	ON	ON	ON

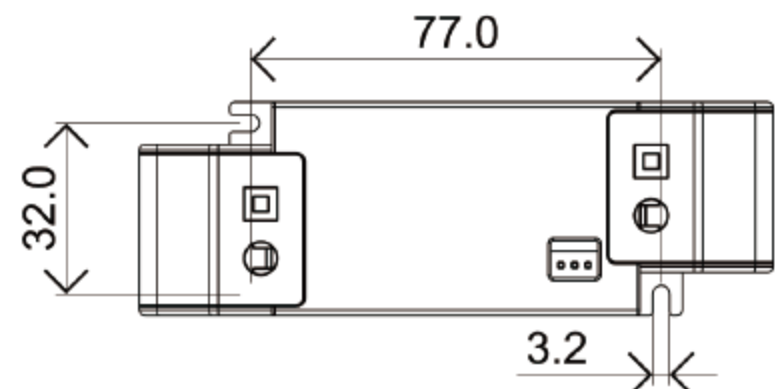
Factory Default

FLS-12-350 DALI2 LD

Vo	Po	Io	1	2	3
9-42 VDC	5.04 W	120 mA	/	/	/
9-42 VDC	6.3 W	150 mA	ON	/	/
9-42 VDC	7.56 W	180 mA	/	ON	/
9-42 VDC	8.4 W	200 mA	ON	ON	/
9-42 VDC	10.5 W	250 mA	/	/	ON
9-42 VDC	11.76 W	280 mA	ON	/	ON
9-42 VDC	12.6 W	300 mA	/	ON	ON
9-42 VDC	14.7 W	350 mA	ON	ON	ON



FLS-8-350 DALI-2 LD

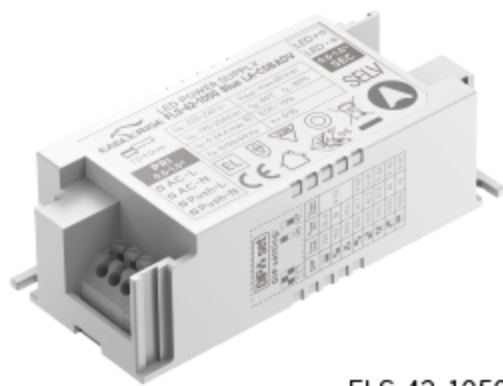


FLS-12-350 DALI2 LD

Mini-Bluetooth Series 42W
Bluetooth Dimming LED Driver

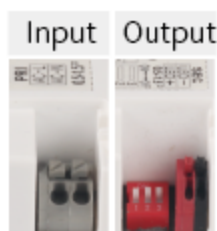


- Installation: Independent/ Build in
- Class II, Isolated
- Protection: SCP/ OLP/ OVP/ OTP
- Warranty: 5 Years
- Flicker free
- Dimming depth 1%, dimming range 1% to 100%
- Available accessories: Side caps, need to purchase seperatly (P87)



FLS-42-1050 Blue LA-CSB ADV

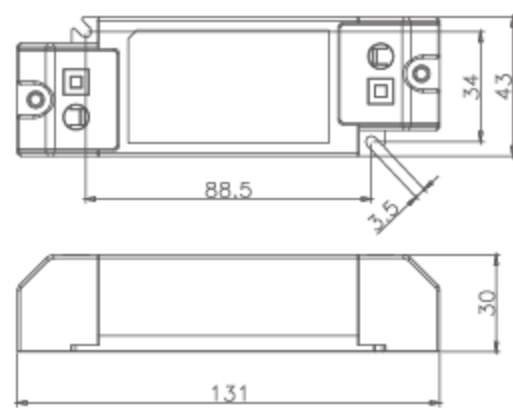
Typical Applications:



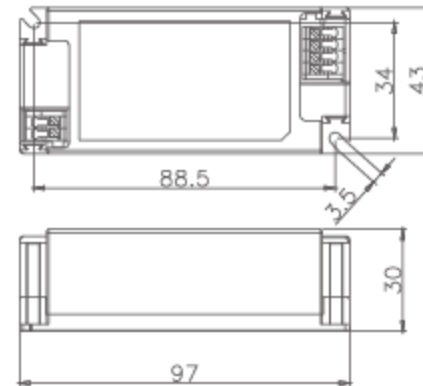
Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
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FLS-42-1050 Blue LA-CSB ADV 97*43*30 42W/ 150-1050mA/ 2.5-52VDC <10% ≥87% ≤0.5W 44.6A 60°C/85°C CB/ CE/ ENEC/ EL

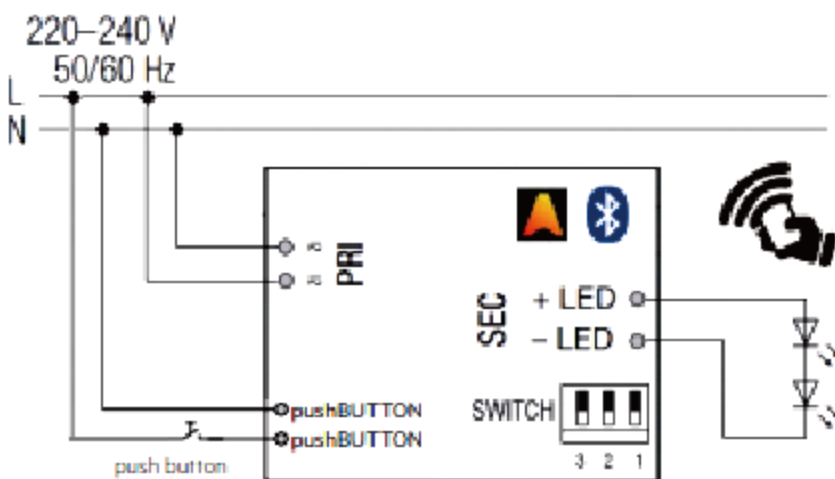
Ac Input Voltage Range	220-240 VAC 50/60 Hz
Dc Input Voltage Range	176-280 VDC
Start-up Time	<0.7 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/ EN61347-1, IEC/ EN61347-2-13, EN62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547



With side caps



Without side caps





LED DRIVER

Intelligent LED Driver - Track

Track DALI Series 42W DALI-2 Dimming LED Driver



- Class II, SELV, Built-in
- Input Voltage 220-240VAC, 176-280VDC
- Protections: SCP/OLP/OVP/OTP
- Power Factor: 0.95
- Efficiency: 90%
- No-load Power: ≤0.3W
- Adjustable Output Current with dip-switch
- Support DALI-2 (Part 251,252,253)
- Suitable for emergency lighting acc. to EN 50172
- 5 years warranty



FDS-42-1050 DALI-2 LD PRO

Typical Applications:



Track Spot Light

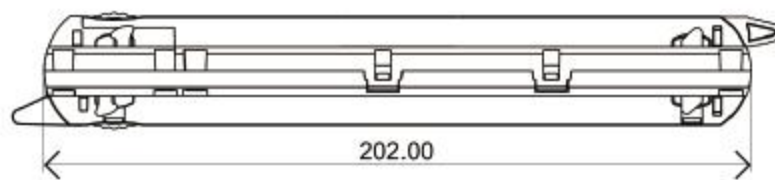
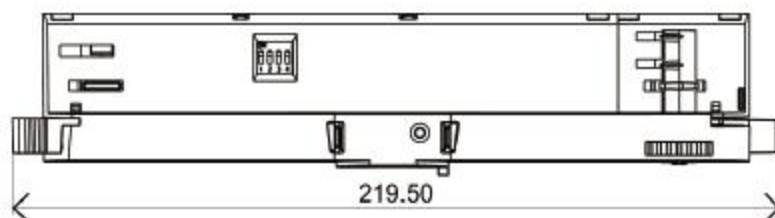
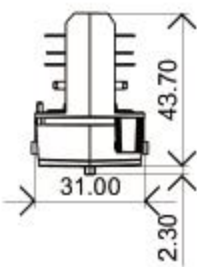
Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Ta, Tc	Certification
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FDS-42-1050 DALI-2 LD PRO	202*31*42	42W/ 300-1050mA/ 2.5-49VDC	<10%	90%	≤0.3W	35°C/ 85°C	CE/ RCM/ ENEC/ EL
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Ac Input Voltage Range	220-240 VAC 0/50/60 Hz
Dc Input Voltage Range	176-280 VDC
Start-up Time	<0.7 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Standards	EN61347-1, EN61347-2-13, IEC 61347-1, IEC 61347-2-13, EN 62384, EN IEC 55015, EN IEC 61000-3-2, EN 6100-3-3, EN 61547

FDS-42-1050 DALI-2 LD PRO

Vo	Po	Io	1	2	3	4
9-49 VDC	14.7 W	300 mA	/	/	/	/
9-49 VDC	17.2 W	350 mA	ON	/	/	/
9-49 VDC	19.6 W	400 mA	/	ON	/	/
9-49 VDC	22.1 W	450 mA	ON	ON	/	/
9-49 VDC	24.5 W	500 mA	/	/	ON	/
2.5-45 VDC	24.8 W	550 mA	ON	/	ON	/
2.5-45 VDC	27 W	600 mA	/	ON	ON	/
2.5-45 VDC	29.3 W	650 mA	ON	ON	ON	/
2.5-45 VDC	31.5 W	700 mA	/	/	/	ON
2.5-45 VDC	33.8 W	750 mA	ON	/	/	ON
2.5-45 VDC	36 W	800 mA	/	ON	/	ON
2.5-45 VDC	38.3 W	850 mA	ON	ON	/	ON
2.5-45 VDC	40.5 W	900 mA	/	/	ON	ON
2.5-42 VDC	39.9 W	950 mA	ON	/	ON	ON
2.5-42 VDC	42 W	1000 mA	/	ON	ON	ON
2.5-40 VDC	42 W	1050 mA	ON	ON	ON	ON



FDS-42-1050 DALI-2 LD PRO

Factory Default

Track-DALI-2 Series 12-42W
DALI-2 Dimming LED Driver



- Track adapter with intergrated driver
- Class II, Isolated
- Protection: SCP/ OLP/ OVP/ OTP
- Adjustable output current with dip switch
- Warranty: 5 Years
- Flicker Free
- Available color: Black, White, Grey
- Suitable for mainstream track:
Global - XTSC 6 DALI 16A; POWERGEAR PRO-0615; Stucchi 9000-2/ B-ST



FDS-12-350 DALI-2 LD
FDS-30-700 DALI-2 LD
FDS-42-1050 DALI-2 LD

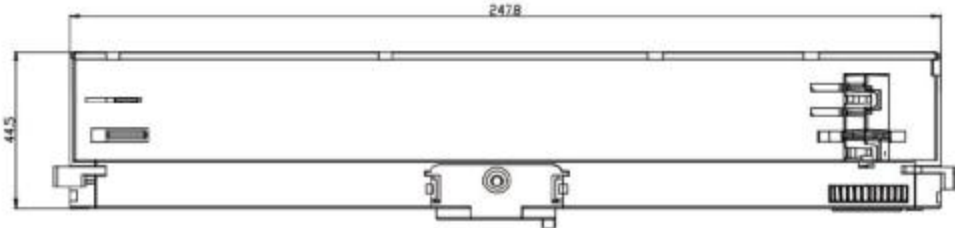
Typical Applications:



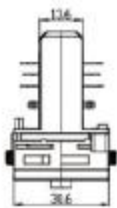
Track Spot Light

Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
FDS-12-350 DALI-2 LD	212*31*45	12W/ 120-350mA/ 9-42VDC	<10%	>80%	≤0.5W	30A	35°C/ 70°C	CE/ CB/ ENEC/CQC
FDS-30-700 DALI-2 LD	248*31*45	30W/ 350-700mA/ 9-42VDC	<10%	≥85%	≤0.5W	30A	35°C/ 75°C	CE/ CB/ ENEC/CQC
FDS-40-1050 DALI-2 LD	248*31*45	42W/ 700-1050mA/ 9-42VDC	<10%	≥87%	≤0.5W	45A	35°C/ 70°C	CE/ CB/ ENEC/CQC

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.7 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/ EN61347-1, IEC/ EN61347-2-13, EN62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547



FDS-12-350 DALI-2 LD
FDS-30-700 DALI-2 LD
FDS-42-1050 DALI-2 LD



FDS-12-350 DALI-2 LD

Vo	Po	Io	1	2	3
9-42 VDC	5.04 W	120 mA	/	/	/
9-42 VDC	6.3 W	150 mA	ON	/	/
9-42 VDC	7.56 W	180 mA	/	ON	/
9-42 VDC	8.4 W	200 mA	ON	ON	/
9-42 VDC	10.5 W	250 mA	/	/	ON
9-42 VDC	11.76 W	280 mA	ON	/	ON
9-42 VDC	12.6 W	300 mA	/	ON	ON
9-42 VDC	14.7 W	350 mA	ON	ON	ON

Factory Default

FDS-30-700 DALI-2 LD

Vo	Po	Io	1	2	3
9-42 VDC	14.7 W	350 mA	/	/	/
9-42 VDC	16.8 W	400 mA	ON	/	/
9-42 VDC	18.9 W	450 mA	/	ON	/
9-42 VDC	21 W	500 mA	ON	ON	/
9-42 VDC	23.1 W	550 mA	/	/	ON
9-42 VDC	25.2 W	600 mA	ON	/	ON
9-42 VDC	27.3 W	650 mA	/	ON	ON
9-42 VDC	29.4 W	700 mA	ON	ON	ON

FDS-42-1050 DALI-2 LD

Vo	Po	Io	1	2	3
9-42 VDC	29.4 W	700 mA	/	/	/
9-42 VDC	31.5 W	750 mA	ON	/	/
9-42 VDC	33.6 W	800 mA	/	ON	/
9-42 VDC	35.7 W	850 mA	ON	ON	/
9-42 VDC	37.8 W	900 mA	/	/	ON
9-42 VDC	39.9 W	950 mA	ON	/	ON
9-40 VDC	40 W	1000 mA	/	ON	ON
9-38.5 VDC	40.4 W	1050 mA	ON	ON	ON

LED DRIVER
Intelligent LED Driver
- Constant Voltage



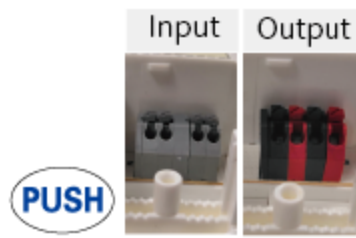
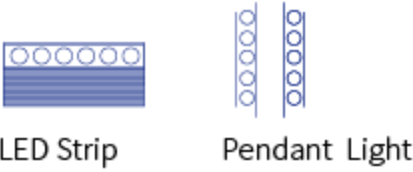
CV-DALI-2 Series 45-150W
DALI-2 Dimming LED Driver



- Installation: Independent
- Class II, Isolated
- Protection: SCP/ OLP/ OVP/ OTP
- Warranty: 5 Years
- Dimming depth 1%, dimming range 1% to 100%
- Support Push Dimming and can be dimmed manually
- Customizable logarithmic curve, linear dimming curve
- Flicker free

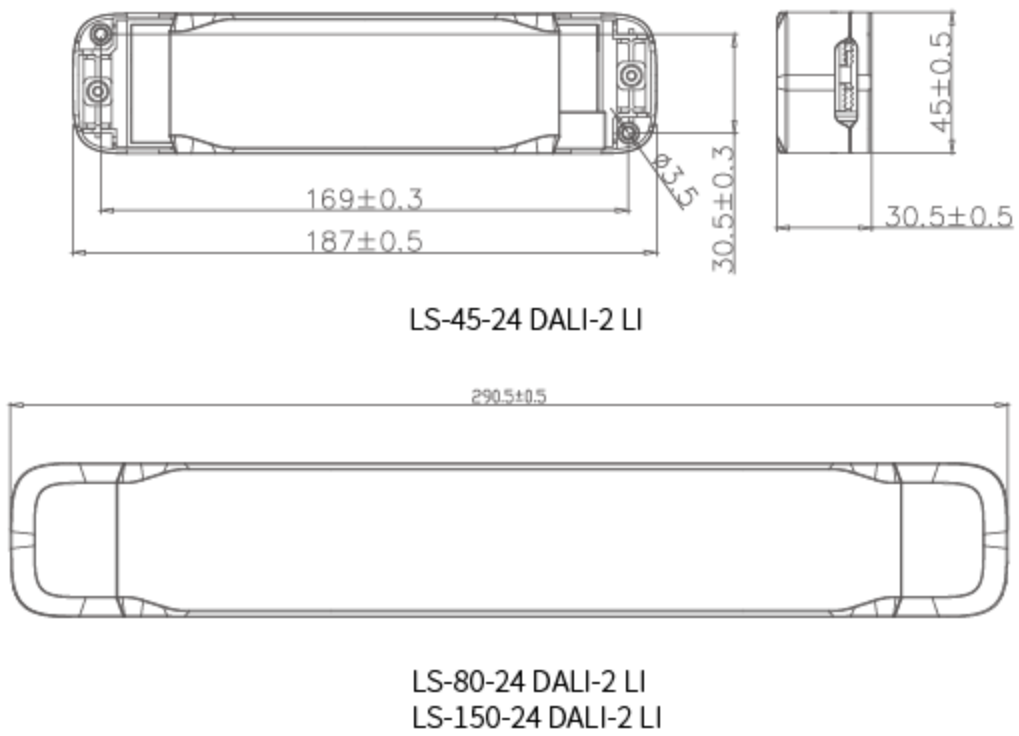


Typical Applications:



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Ta, Tc	Certification
LS-45-24 DALI2 LI	187*45*30.5	45W/ 24V/ 0-1.88A	≤20%	>86%	≤0.5W	50°C/ 85°C	CE/ CB/ ENEC/ MM/ EL
LS-80-24 DALI2 LI	290*45*30.5	80W/ 24V/ 0-3.33A	≤25%	>87%	≤0.5W	45°C/ 85°C	CE/ CB/ ENEC/ MM/ EL
LS-150-24 DALI2 LI	290*45*30.5	150W/ 24V/ 0-6.25A	<10%	>89%	≤0.5W	45°C/ 85°C	CE/ CB/ ENEC/ MM/ EL

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Dc Input Voltage Range	176-280 VDC
Start-up Time	<0.7 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/ EN61347-1, IEC/ EN61347-2-13, EN62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547



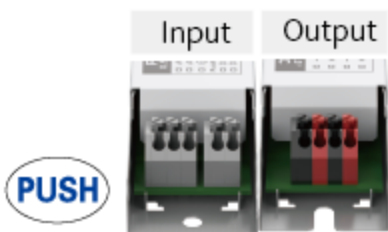
CV-DALI-2 Series 30-100W
DALI-2 Dimming LED Driver



- Installation: Bulit-in
- Isolated
- Protection: SCP/ OLP/ OVP/ OTP
- Warranty: 5 Years
- Dimming depth 1%, dimming range 1% to 100%
- Efficiency ≥85%
- Support Push Dimming and can be dimmed manually
- Customizable logarithmic curve, linear dimming curve
- Flicker free
- In accordance with the Zhaga agreement

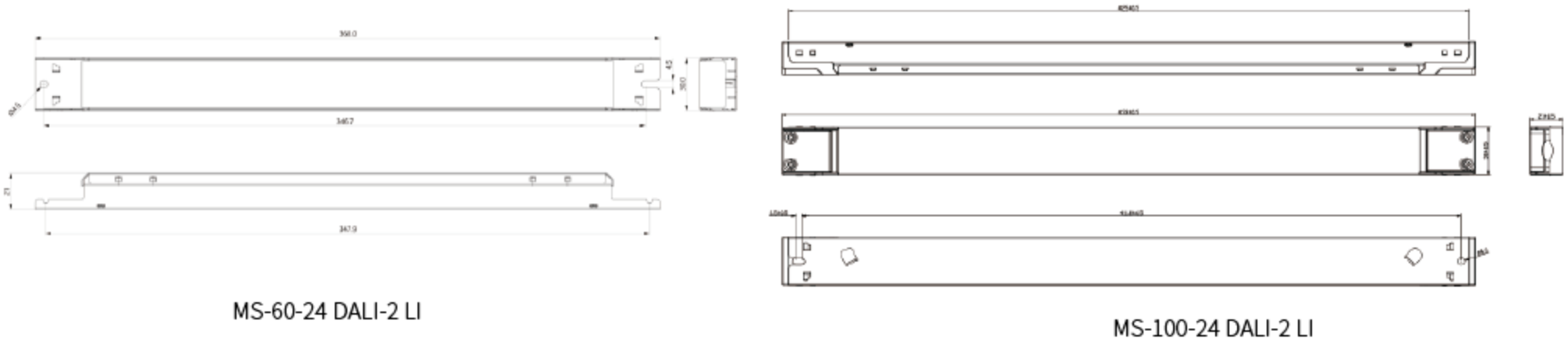


Typical Applications:



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Ta, Tc	Certification
MS-30-24 DALI-2 LI	280*30*21	30W/ 24V/ 0-1.25A	≤10%	≥85%	≤0.5W	60°C/ 75°C	CE/ ENEC/ EL
MS-60-24 DALI-2 LI	360*30*21	60W/ 24V/ 0-2.5A	≤10%	≥89%	≤0.5W	60°C/ 80°C	CE/ ENEC/ EL
MS-100-24 DALI-2 LI	425*30*21	100W/ 24V/ 0-4.17A	≤10%	≥92%	≤0.5W	60°C/ 80°C	CE/ ENEC/ EL

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Dc Input Voltage Range	176-280 VDC
Start-up Time	<0.7 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/ EN61347-1, IEC/ EN61347-2-13, EN62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547



CV-DALI DT8 Series 45-150W

DALI-2 Dimming LED Driver Tunable White



- Installation: Independent
- Class II, Isolated
- Protection: SCP/ OLP/ OVP/ OTP
- Warranty: 5 Years
- Flicker free
- Dimming depth 1%, dimming range 1% to 100%
- Customizable logarithmic curve, linear dimming curve
- Support Push/ Touch Dimming, CCT and can be dimmed manually



LS-45-24 DALI2-DT8 LI
LS-80-24 DALI2-DT8 LI
LS-150-24 DALI2-DT8 LI

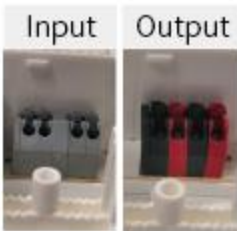
Typical Applications:



LED Strip

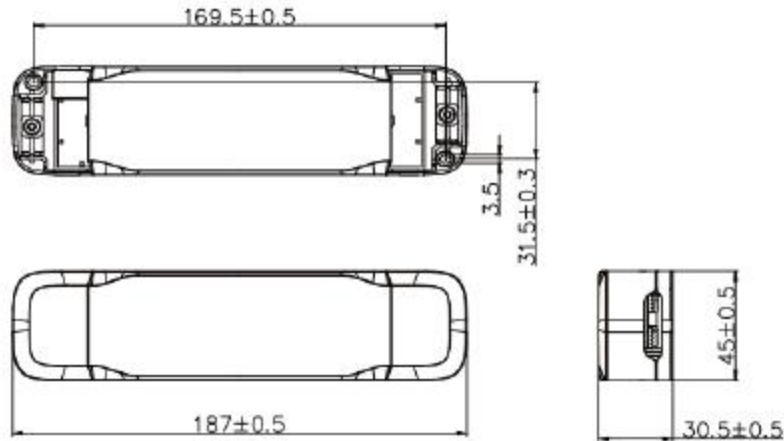


Pendant Light

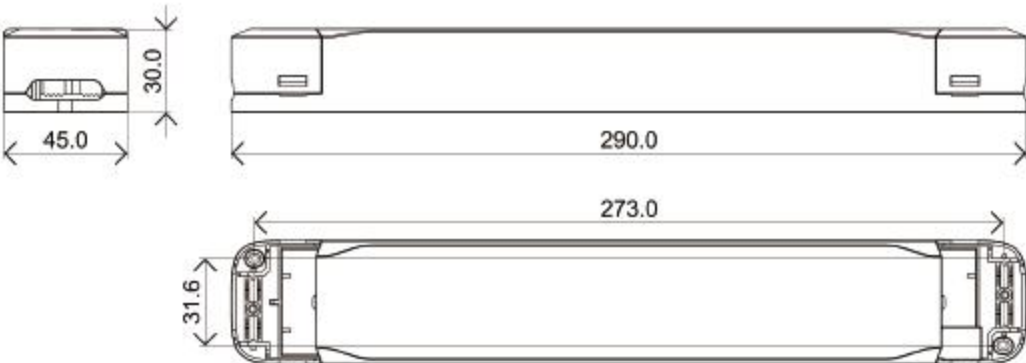


Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Ta, Tc	Certification
LS-45-24 DALI2-DT8 LI	187*45*30.5	45W/ 24V/ 0-1.81A	≤5%	>87%	≤0.5W	50°C/ 85°C	CE/ CB/ ENEC
LS-80-24 DALI2-DT8 LI	340*45*30.5	80W/ 24V/ 0-3.33A	≤5%	>86%	≤0.5W	45°C/ 85°C	CE/ CB/ ENEC
LS-150-24 DALI2-DT8 LI	340*45*30.5	150W/ 24V/ 0-6.25A	≤8%	>91%	≤0.5W	45°C/ 85°C	CE/ CB/ ENEC

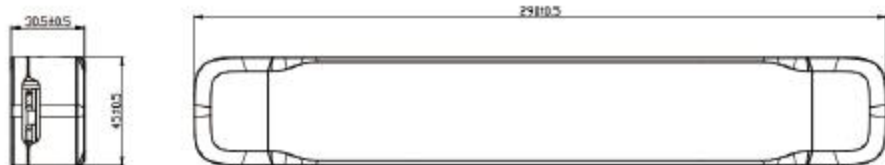
Ac Input Voltage Range	220-240 VAC 50/60 Hz
Dc Input Voltage Range	176-280 VDC
Start-up Time	<0.7 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/ EN61347-1, IEC/ EN61347-2-13, EN62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547



LS-45-24 DALI-2-DT8 LI



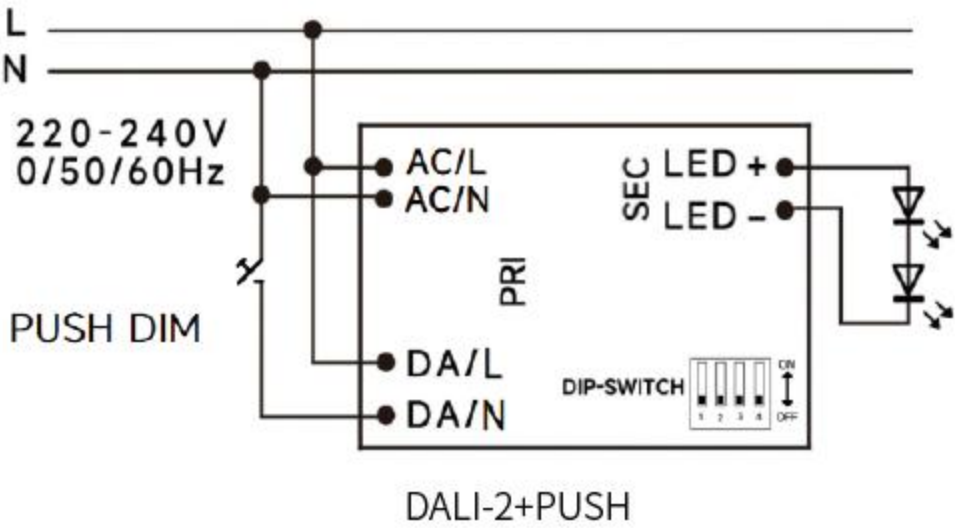
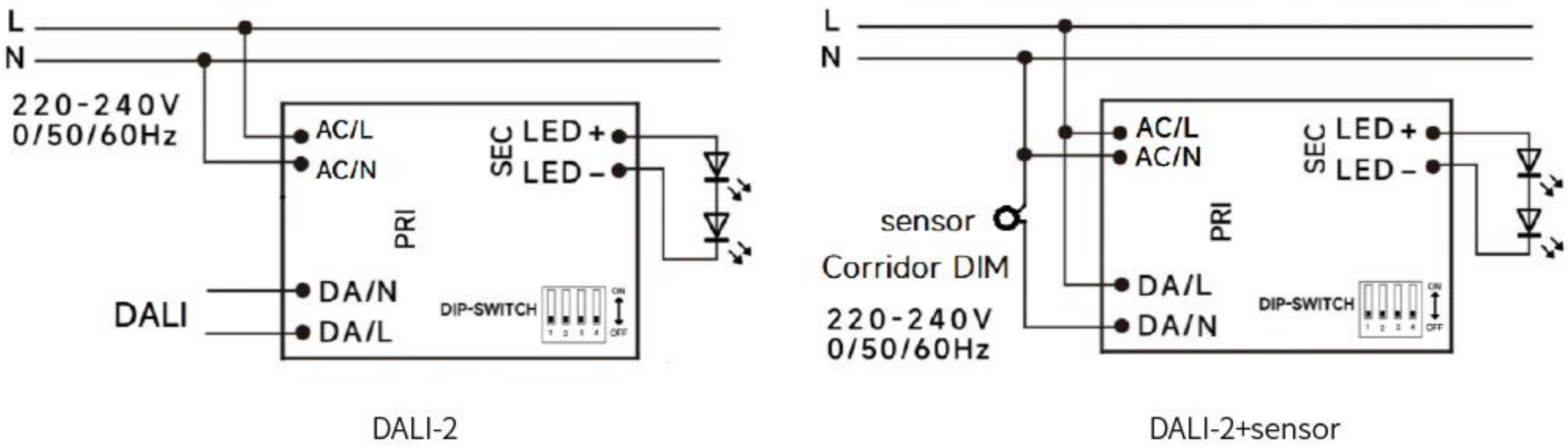
LS-150-24 DALI-2-DT8 LI



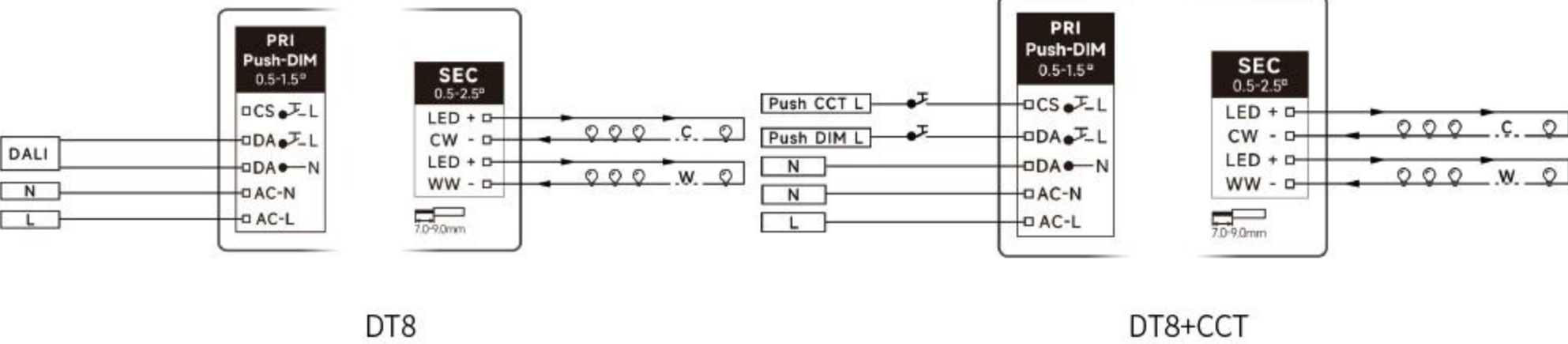
LS-80-24 DALI-2-DT8 LI

Eaglerise DALI-2 Series Wiring Diagram

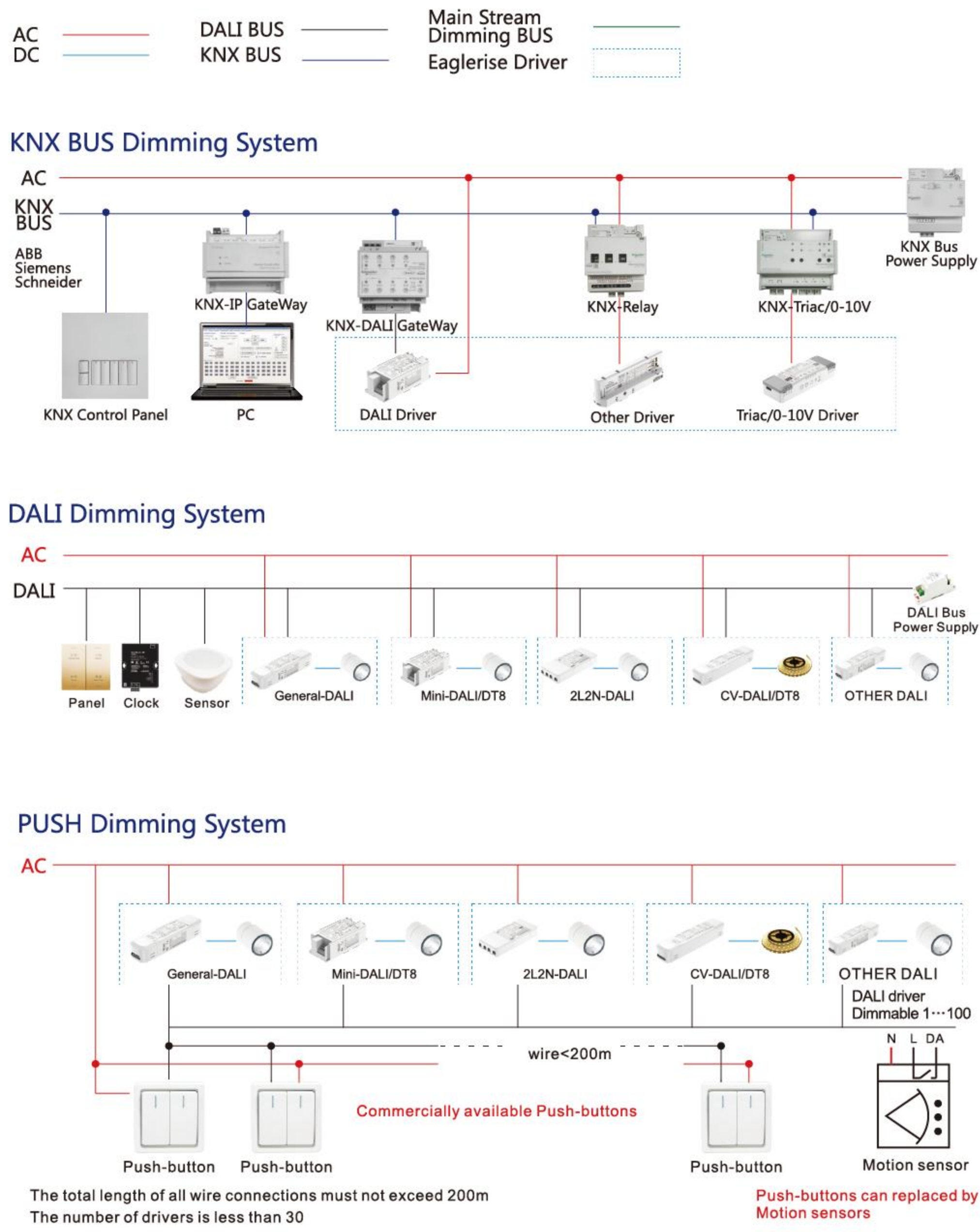
DALI-2



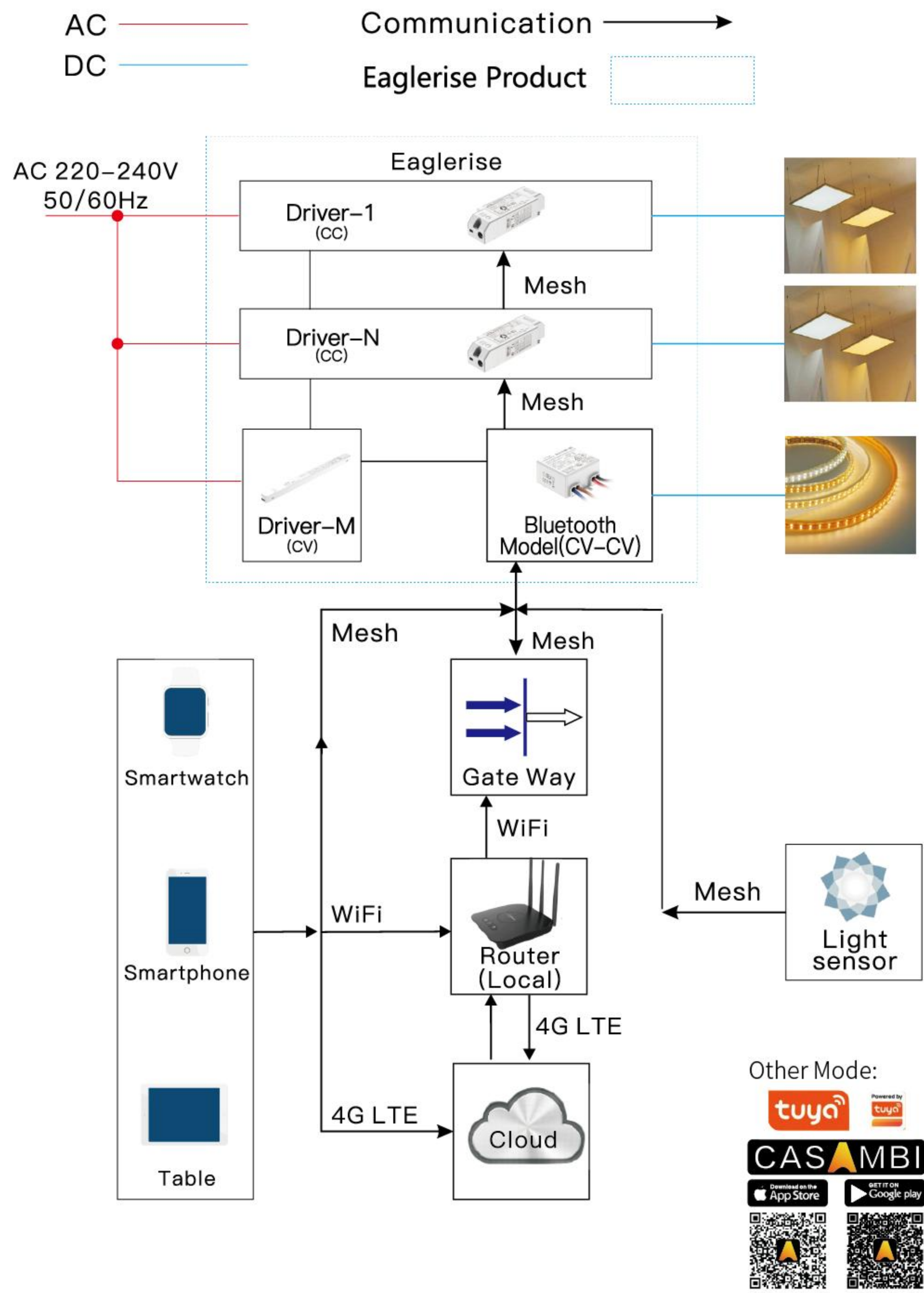
DT8



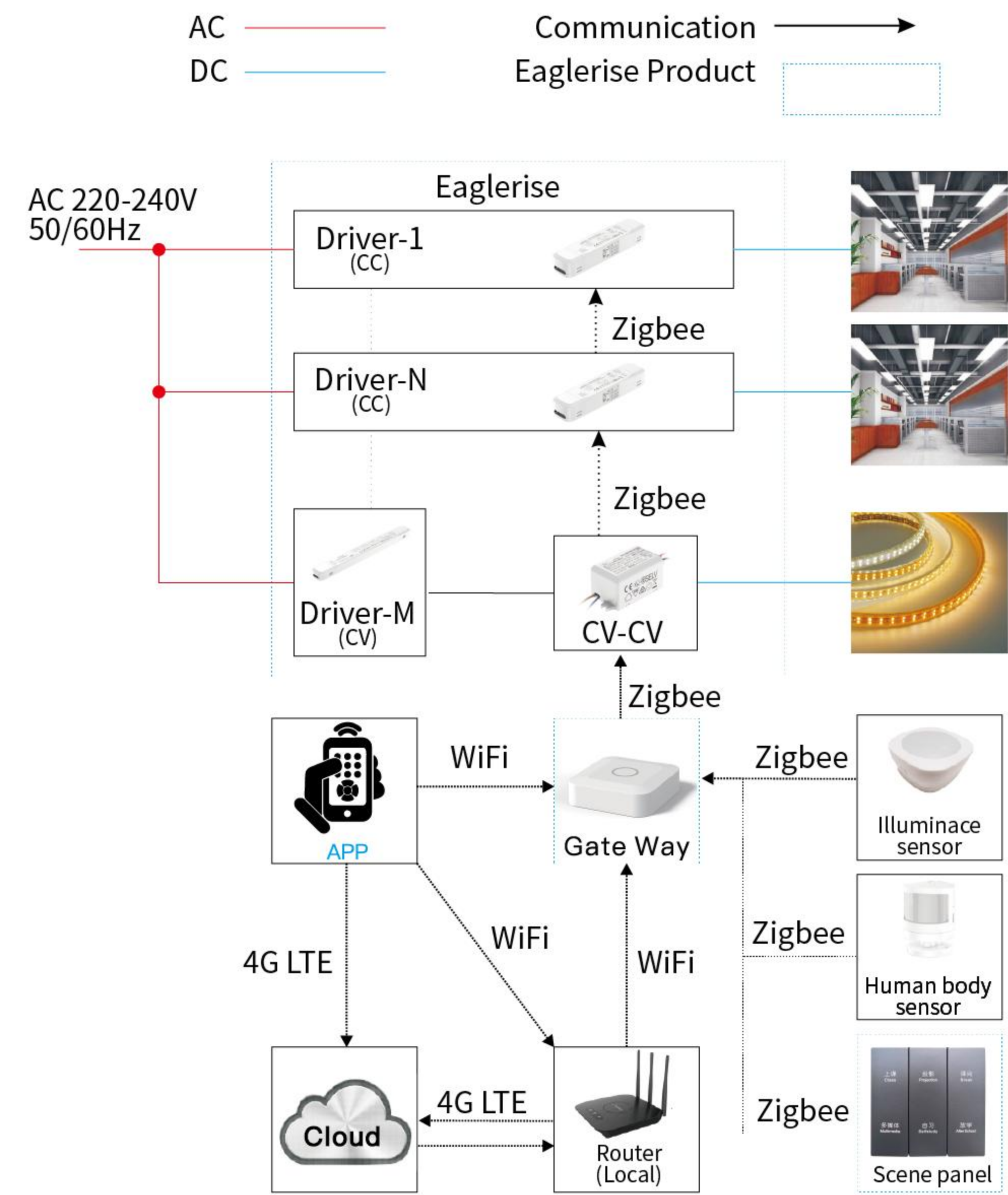
Eaglerise Driver in Dimming System Total Solution



Bluetooth Smart Lighting System



Zigbee Smart Lighting System



Characteristic:
1. Scene control
2. Convenient grouping
3. Remote upgrade

Accessories-Dimmer/ Master



DALI Dimmer



- Follow DALI IEC62386 DT8 standard protocol.
- Support brightness, color temperature adjustment.
- Have power save function.
- Integrated bus power supply.
- Protections: SCP/OLP/OVP
- IP20
- Typical Applications: Conference rooms/ Bar/ Shop lighting

Best Seller	Size (L*W)	Output	No-load Power	Operating Temperature	Certification
ER-T-DALI-2 DT8 JQ-01A	71*71	3W	≤1W	0°C - 50°C	CE/ ENEC/ EL/ RCM/ CB/ CCC

DALI Master



- WIFI support IEEE 802.11b/g/n mode, allows Bluetooth smart devices to conveniently access cloud services, realize the Internet of everything.
- Support both wired and wireless WAN access, wireless master chip: AW7698,
- Support WIFI+BT double mode functionality Ethernet, master chip: M487,
- Support 10/100Mbps self-adaptive mode
- Support POE individual power supply method
- Storage Temperature: -10°C~+85°C

Best Seller	Size (L*W)	Output	Operating Temperature	Certification
ER-T-GW-DALI-2 IOT	106.5*90.5*58.5	0.8W max. @16V * 50mA	-10°C - +45°C	CE

Panel



- Support Blue communication method
- Direct control of the corresponding device via a key switch
- Wireless control and binding of devices via app
- Can be linked with control and security smart home devices
- Easy to implement local and remote control functions
- A variety of styles to choose form, to create a personalized intelligent space

Sensor



- To expand EAGLERISE education lighting driver FLS-40-1000 Zigb LA/Blue LA, detect the illumination of the operating area, transmit the illumination information to the light source to realize CLO function
- Size: 35 X 23X 21.5mm (LxWxH)

Compatible Dimming System

			Trade Mark
Eaglerise DALI driver compatible dimming system	DALI Dimming System	MTN6725-0003	Schneider
		MTN684032	Schneider
		MTN628319	Schneider
		MTN481119	Schneider
	DALI Sensor	DALieco LS/ PD LI NP	OSRAM
		DALieco LS/ PD LI	OSRAM
	DALI Dimmer	DALieco Control	OSRAM
		luxCONTROL x-touchPANEL	Tridonic

			Trade Mark
Eaglerise TRIAC driver compatible dimming system	Dimmer	2250	Busch
		225TDE	Jung
		400T	Legrand
		5TC8 284	Siemens
		0307 00/102	GIRA
		5771	Mertem
		2247U	Busch
		6513U-102	Busch
		32E450LM	CLIPSAL
		0307 00/101	GIRA
	Dimming Sytem Type	LQSE-4A1-D	LUTRON
		HQP6-2	LUTRON
		HQWIS-NB-NONE	LUTRON
		MTN649315	Schneider
		MTN6725-0003	Schneider
		MTN684032	Schneider
		MTN628319	Schneider

			Trade Mark
Eaglerise 0-10 V driver compatible dimming system	Dimmer	Legrand 78404	Legrand
		RMM-5T-DV-B	Lutron
		UID8600/00	Philips
	Dimming Sytem Type	MTN646991	Schneider
		MTN6725-0003	Schneider
		MTN684032	Schneider
		MTN628319	Schneider
		MTN481119	Schneider



Linear - Non Isolated Series 20-150W
Constant Current LED Driver-Linear

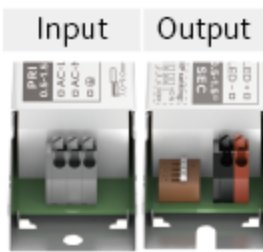
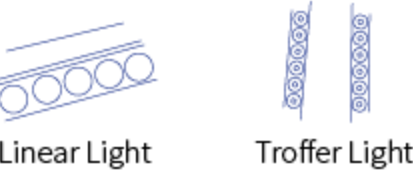


- Installation: Built-in
- Class I, Non-Isolated
- Protection: SCP/ OLP/ OVP
- Warranty: 5 years
- Smaller Size
- Flicker free
- High temperature resistance



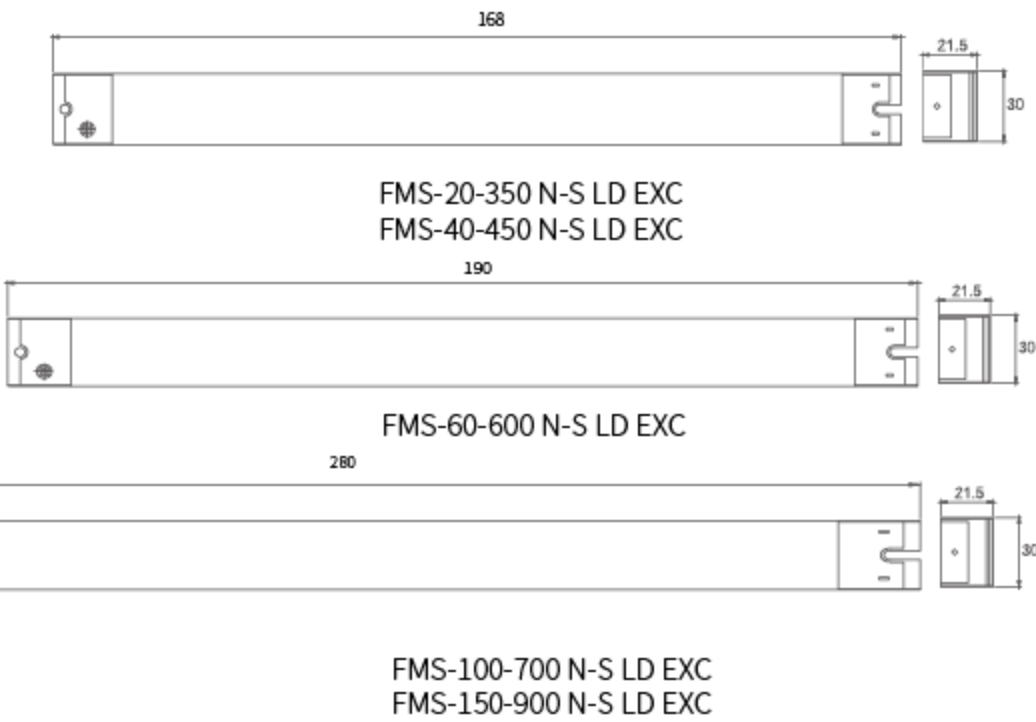
FMS-20-350 N-S LD EXC
FMS-40-450 N-S LD EXC
FMS-60-550 N-S LD EXC
FMS-100-700 N-S LD EXC
FMS-150-900 N-S LD EXC

Typical Applications:



Best Seller	Size (L*W*H)	Output	Range of Current	Typical Efficiency	No-load Power	Ta, Tc	Certification
FMS-20-350 N-S LD EXC	168*30*21	20W/ 350mA/ 40-220VDC	100-350mA	≥87%	≤0.5W	60°C/80°C	ENEC/ CB/ CE/ RCM/ CCC
FMS-40-450 N-S LD EXC	168*30*21	40W/ 450mA/ 40-220VDC	100-450mA	≥90%	≤0.5W	60°C/85°C	ENEC/ CB/ CE/ RCM/ CCC
FMS-60-600 N-S LD EXC	190*30*21	60W/ 600mA/ 40-220VDC	250-600mA	≥90%	≤0.5W	60°C/85°C	ENEC/ CB/ CE/ RCM/ CCC
FMS-100-700 N-S LD EXC	280*30*21	100W/ 700mA/ 40-220VDC	350-700mA	≥90%	≤0.5W	60°C/75°C	ENEC/ CB/ CE/ RCM/ CCC
FMS-150-900 N-S LD EXC	280*30*21	150W/ 900mA/ 40-220VDC	550-900mA	≥90%	≤0.5W	60°C/85°C	ENEC/ CB/ CE/ RCM/ CCC

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-FG 1500 V/ 5 mA/ 1 min Output-FG 500V/ 5mA/ 1min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547



Linear - Non Isolated Series 20-80W
Constant Current LED Driver-Linear

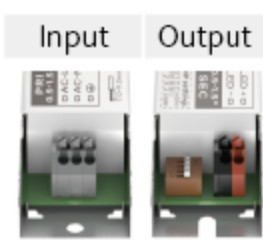


- Installation: Built-in
- Class I, Non-Isolated
- Protection: SCP/ OLP/ OVP
- Warranty: 5 years
- Flicker free



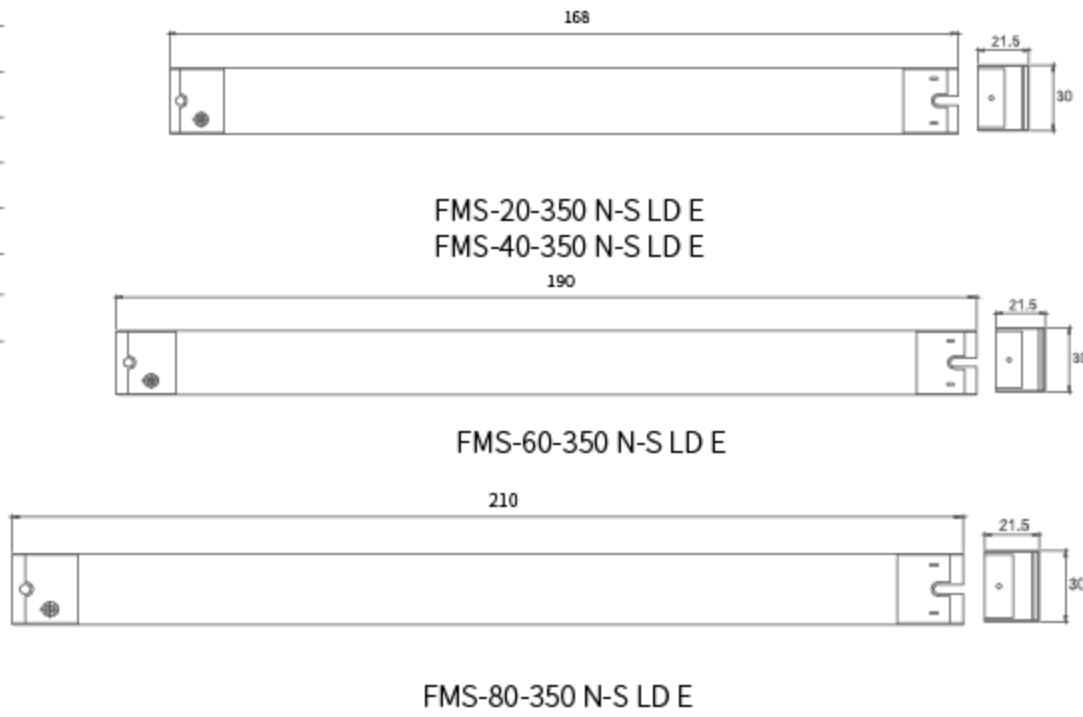
FMS-20-350 N-S LD E
FMS-40-350 N-S LD E
FMS-60-350 N-S LD E
FMS-80-350 N-S LD E

Typical Applications:



Best Seller	Size (L*W*H)	Output	Range of Current	Typical Efficiency	No-load Power	Ta, Tc	Certification
FMS-20-350 N-S LD E	168*30*21	20W/ 350mA/ 25-54VDC	200-350mA	≥85%	≤0.5W	50°C/75°C	ENEC/ CB/ CE/ RCM/ CCC
FMS-40-350 N-S LD E	168*30*21	40W/ 350mA/ 57-114VDC	200-350mA	≥90%	≤0.5W	50°C/80°C	ENEC/ CB/ CE/ RCM/ CCC
FMS-60-350 N-S LD E	190*30*21	60W/ 350mA/ 90-180VDC	200-350mA	≥90%	≤0.5W	50°C/80°C	ENEC/ CB/ CE/ RCM/ CCC
FMS-80-350 N-S LD E	210*30*21	80W/ 350mA/ 140-230VDC	200-350mA	≥90%	≤0.5W	50°C/80°C	ENEC/ CB/ CE/ RCM/ CCC

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-FG 1500 V/ 5 mA/ 1 min Output-FG 500V/ 5mA/ 1min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547



Linear - NFC Series 20-150W
Constant Currrent LED Driver-Linear

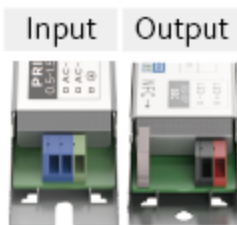


- Installation: Built-in
- Class I, Non-Isolated
- Protection: SCP/ OLP/ OVP
- Warranty: 5 years
- Output current adjustable by NFC
- Filicker free



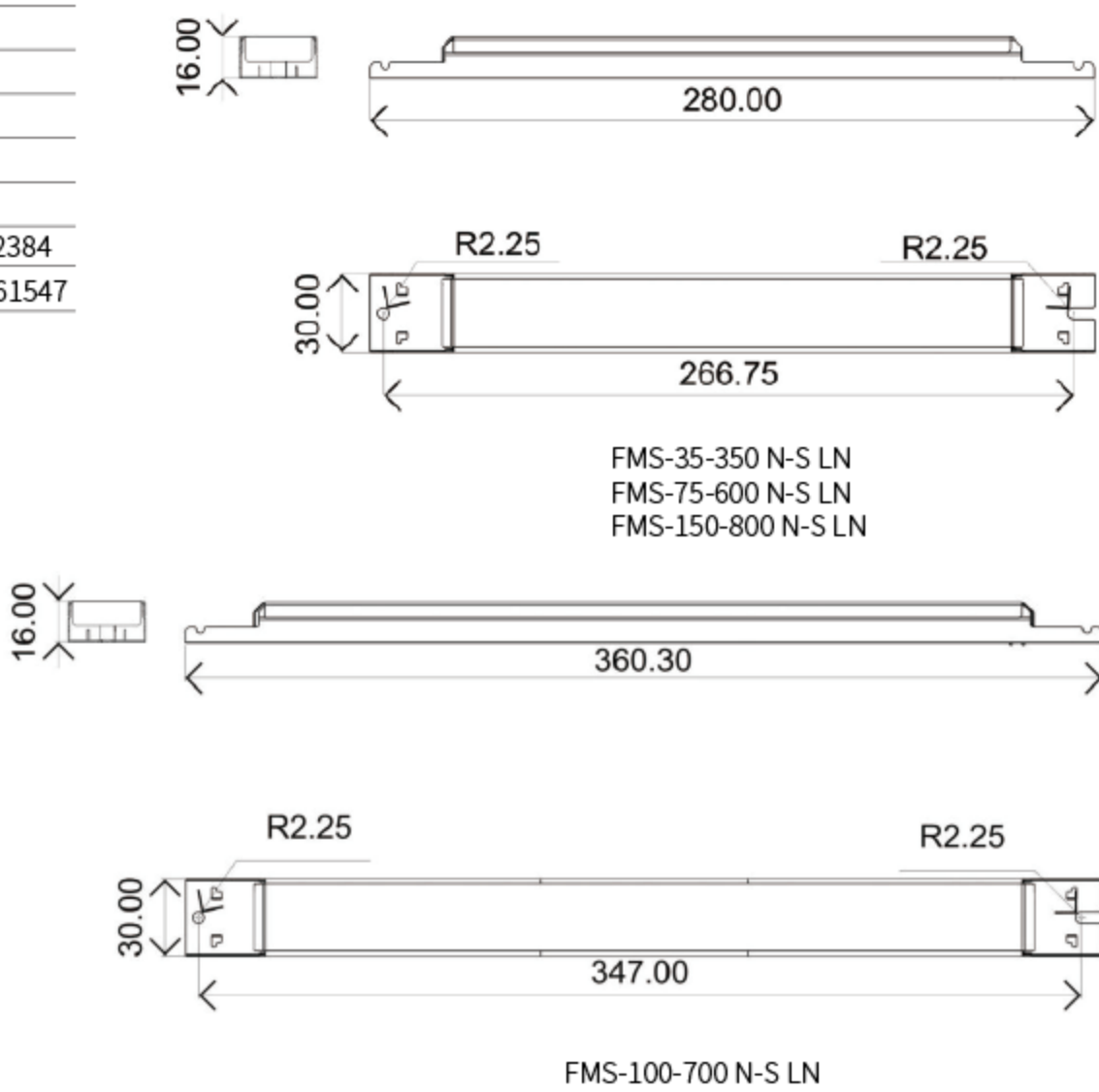
FMS-35-350 N-S LN
FMS-75-600 N-S LN
FMS-100-700 N-S LN
FMS-150-800 N-S LN

Typical Applications:



Best Seller	Size (L*W*H)	Output	Range of Current	THD	Typical Efficiency	No-load Power	Ta, Tc	Certification
FMS-35-350 N-S LN	280*30*16	35W/ 350mA/ 25-54VDC	80-350mA	<10%	≥91%	≤0.5W	60°C/75°C	CE/ ENEC/ CB/ EL
FMS-75-600 N-S LN	280*30*16	75W/ 600mA/ 57-114VDC	120-600mA	<10%	≥93%	≤0.5W	60°C/85°C	CE/ ENEC/ CB/ EL
FMS-100-700 N-S LN	360*30*16	100W/ 700mA/ 90-114VDC	200-700mA	<10%	≥95%	≤0.5W	60°C/80°C	CE/ ENEC/ CB/ EL
FMS-150-800 N-S LN	280*30*16	150W/ 800mA/ 140-230VDC	200-800mA	<12%	≥95%	≤0.5W	60°C/75°C	CE/ ENEC/ CB/ EL

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-FG 1500 V/ 5 mA/ 1 min Output-FG 500V/ 5mA/ 1min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547



Linear - Isolated Series 12-40W
Constant Currrent LED Driver-Linear

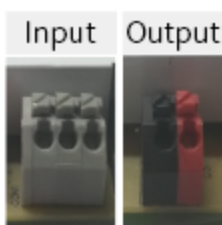
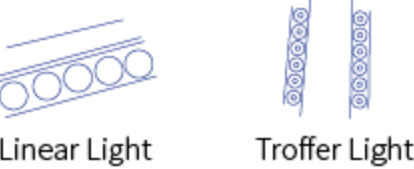


- Installation: Built-in
- Class II, Isolated
- Protection: SCP/ OLP/ OVP
- Warranty: 5 years
- Flicker free



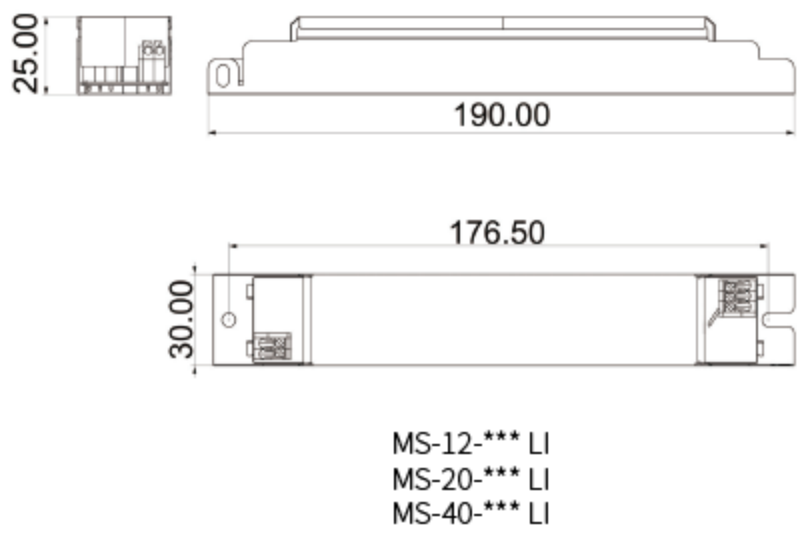
MS-12-XXX-LI
MS-20-XXX LI
MS-40-XXX LI

Typical Applications:



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Ta, Tc	Certification
MS-12-200 LI MS-12-250 LI MS-12-300 LI MS-12-350 LI	190*30*25	12W/ 200mA/ 24-42VDC 12W/ 250mA/ 24-42VDC 12W/ 300mA/ 24-42VDC 12W/ 350mA/ 24-40VDC	<20%	80%	<0.5W	60°C/75°C	ENEC/ CB/ CE/ RCM
MS-20-450 LI MS-20-500 LI MS-20-550 LI	190*30*25	20W/ 450mA/ 24-42VDC 20W/ 500mA/ 24-42VDC 20W/ 550mA/ 24-40VDC	<20%	85%	<0.5W	60°C/75°C	ENEC/ CB/ CE/ RCM
MS-40-650 LI MS-40-700 LI MS-40-750 LI MS-40-800 LI MS-40-950 LI MS-40-1000 LI	190*30*25	40W/ 650mA/ 24-42VDC 40W/ 700mA/ 24-42VDC 40W/ 750mA/ 24-42VDC 40W/ 800mA/ 24-42VDC 40W/ 950mA/ 24-42VDC 40W/ 1000mA/ 24-40VDC	<10%	88%	<0.5W	60°C/80°C	ENEC/ CB/ CE/ RCM

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-FG 1500 V/ 5 mA/ 1 min Output-FG 500V/ 5mA/ 1min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547



Linear - Isolated Series 60W
Constant Current LED Driver-Linear



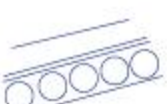
CB CE  SELV

- Installation: Built-in
- Class II, Isolated
- Protection: SCP/ OLP/ OVP
- Warranty: 5 years
- Flicker free



MS-60-XXX LI

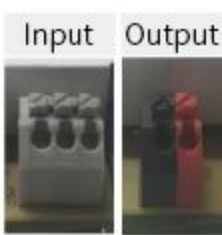
Typical Applications:



Linear Light

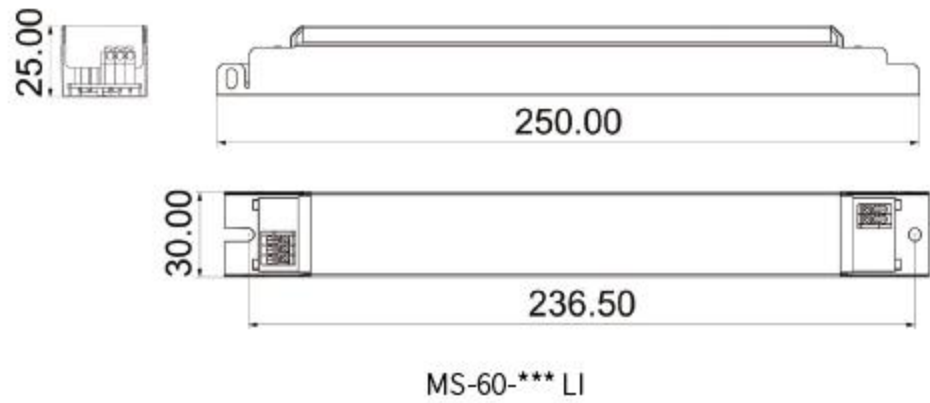


Troffer Light



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Ta, Tc	Certification
MS-60-1050 LI MS-60-1100 LI MS-60-1150 LI MS-60-1250 LI MS-60-1300 LI MS-60-1400 LI MS-60-1450 LI MS-60-1500 LI	250*30*25	60W/ 1050mA/ 28-52VDC 60W/ 1100mA/ 28-52VDC 60W/ 1150mA/ 28-52VDC 60W/ 1250mA/ 28-48VDC 60W/ 1300mA/ 24-42VDC 60W/ 1400mA/ 24-42VDC 60W/ 1450mA/ 24-42VDC 60W/ 1500mA/ 24-40VDC	<10%	88%	<0.5W	60°C/85°C	ENEC/ CB/ CE/ RCM

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-FG 1500 V/ 5 mA/ 1 min Output-FG 500V/ 5mA/ 1min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547



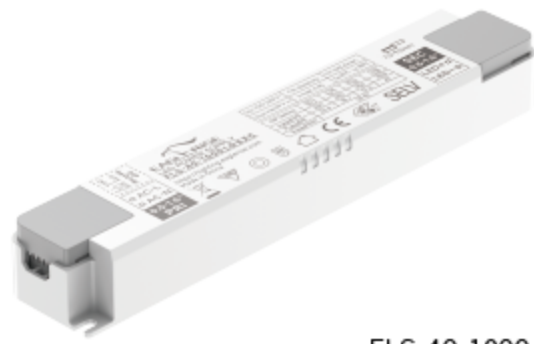
MS-60-*** LI

LED DRIVER
General - Constant Current
- Compact

Compact - Dip Switch Series 40-60W
Constant Current LED Driver-Compact



- Class II, SELV, Independent
- Input Voltage: 220-240VAC
- Protection: SCP/ OLP/ OVP
- Power Factor: ≥0.95
- Efficiency: 88%
- Warranty: 5 years
- IP20



FLS-40-1000 LD EXC

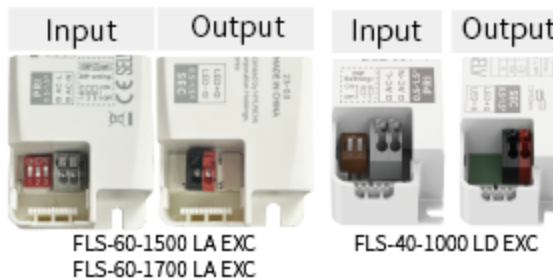


FLS-60-1500 LA EXC
FLS-60-1700 LA EXC

Typical Applications:



Spot Light Panel Light Down Light



FLS-60-1500 LA EXC
FLS-60-1700 LA EXC

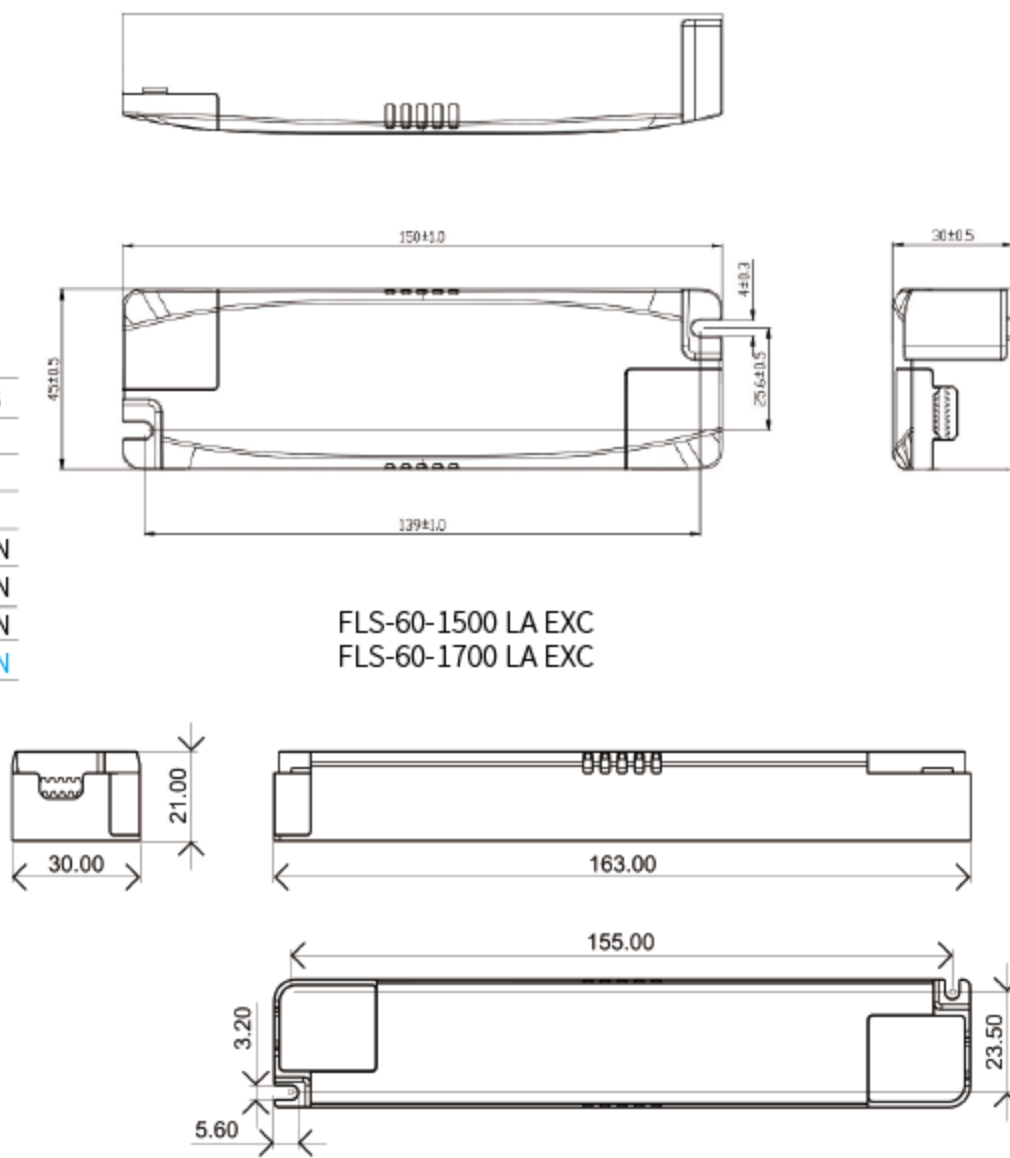
Best Seller	Size (L*W*H)	Output	Range of Current	THD	Typical Efficiency	No-load Power	Ta, Tc	Certification
FLS-40-1000 LD EXC	163*30*21	40W/ 1000mA/ 25-42VDC	800-1100mA	<10%	>88%	≤0.5W	45°C/80°C	CE/ CB/ ENEC/ CCC/ RCM
FLS-60-1500 LA EXC	150*45*30	60W/ 1500mA/ 27-42VDC	1150-1500mA	<10%	88%	≤0.5W	45°C/80°C	CE/ CB/ ENEC/ CCC/ RCM
FLS-60-1700 LA EXC	150*45*30	60W/ 1700mA/ 24-42VDC	1100-1700mA	<10%	88%	≤0.5W	45°C/80°C	CE/ CB/ ENEC/ CCC/ RCM

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	EN61347-1, IEC/ EN61347-2-13, EN62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547

FLS-60-1500 LA EXC						FLS-60-1700 LA EXC					
Vo	Po	Io	1	2	3	Vo	Po	Io	1	2	3
24-42 VDC	48.3 W	1150 mA	/	/	/	24-42 VDC	46.2 W	1100 mA	/	/	/
24-42 VDC	50.4 W	1200 mA	ON	/	/	24-42 VDC	50.4 W	1200 mA	ON	/	/
24-42 VDC	52.5 W	1250 mA	/	ON	/	24-42 VDC	54.6 W	1300 mA	/	ON	/
24-42 VDC	54.6 W	1300 mA	ON	ON	/	24-42 VDC	58.8 W	1400 mA	/	/	ON
24-42 VDC	56.7 W	1350 mA	/	/	ON	24-42 VDC	63 W	1500 mA	ON	/	ON
24-42 VDC	58.8 W	1400 mA	ON	/	ON	24-36 VDC	57.6 W	1600 mA	/	ON	ON
24-42 VDC	60.9 W	1450 mA	/	ON	ON	24-36 VDC	40.4 W	1700 mA	ON	ON	ON
24-42 VDC	63 W	1500 mA	ON	ON	ON						

FLS-40-1000 LD EXC				
Vo	Po	Io	1	2
25-42 VDC	33.6 W	800 mA	/	/
25-42 VDC	35.7 W	850 mA	ON	/
25-42 VDC	37.8 W	900 mA	/	ON
25-42 VDC	42 W	1000 mA	ON	ON

Factory Default



FLS-60-1500 LA EXC
FLS-60-1700 LA EXC

FLS-40-1700 LD EXC

Compact - Dip Switch Series 60W
Constant Current LED Driver

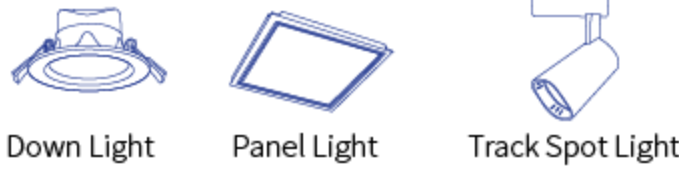


- Installation: Built-in or Independent with the flexible side caps
- Class II, Isolated
- Protection: SCP/ OLP/ OVP/ OTP
- Adjustable Output Current with Dip-switch
- Warranty: 5 years
- Flicker free
- Accessory: Flexible side caps, need to order separately (Page 87)



FSS-60-1700 LD

Typical Applications:



Down Light Panel Light Track Spot Light



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
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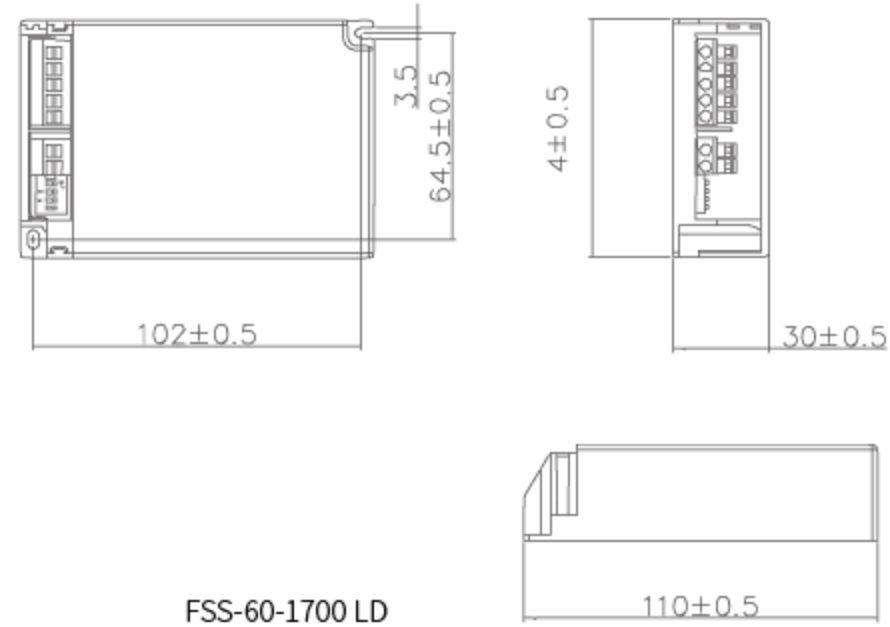
• FSS-60-1700 LD 110*74*30 60W/ 1050-1700mA/ 17-44VDC <10% ≥88% ≤0.5W 30A 50°C/85°C CE/ ENEC/ EL/ RCM/ CB

• : Regular Stock

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547

FSS-60-1700 LD							
Vo	Po	Io	1	2	3	4	
22-44 VDC	46.2 W	1050 mA	/	/	/	/	
22-44 VDC	52.8 W	1200 mA	ON	/	/	/	
22-43 VDC	60.2 W	1400 mA	ON	ON	/	/	
20-40 VDC	60 W	1500 mA	ON	ON	ON	/	
19-38 VDC	60.8 W	1600 mA	ON	ON	/	ON	
17-35 VDC	59.5 W	1700 mA	ON	ON	ON	ON	

Factory Default



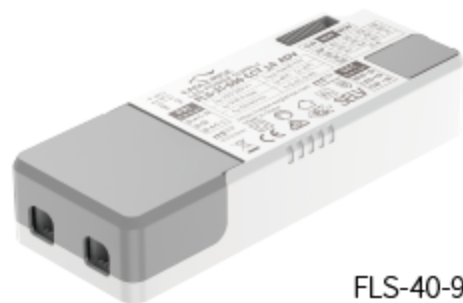
FSS-60-1700 LD

Compact - 2L2N-CCT Series 40W
Constant Current LED Driver-Compact



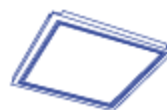
CB CE SELV

- Class II, SELV, Independent
- Input Voltage: 220-240VAC
- Protections: SCP/OLP/OVP
- Power Factor:0.95
- Efficiency:88%
- 5 years warranty
- IP20
- Loop in, loop out

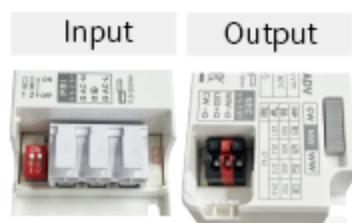


FLS-40-950 CCT LS PRO

Typical Applications:



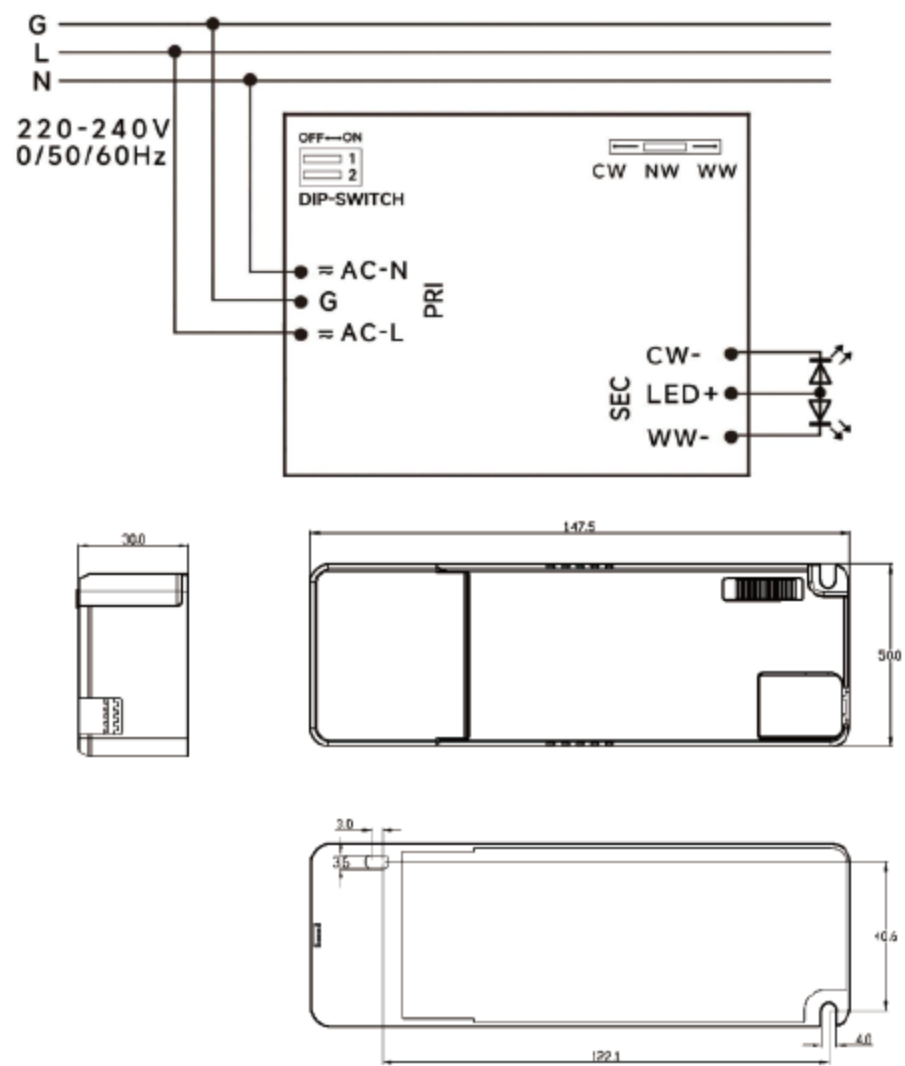
Panel light



Best Seller	Size (L*W*H)	Output	Range of Current	THD	Typical Efficiency	No-load Power	Ta, Tc	Certification
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FLS-40-950 CCT LS PRO 147.5*50*30 40W/ 950mA/ 24-42VDC 800-950mA <10% 88% ≤0.5W 45°C/70°C CE/ CB/ ENEC

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	EN61347-1, IEC/ EN61347-2-13, EN62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547



FLS-40-950 CCT LS PRO

FLS-40-950 CCT LS PRO

Vo	Po	Io	1	2
24-42 VDC	33.6 W	800 mA	/	/
24-42 VDC	35.7 W	850 mA	ON	/
24-42 VDC	37.8 W	900 mA	/	ON
24-24 VDC	39.9 W	950 mA	ON	ON

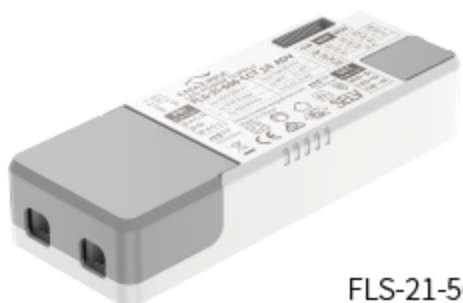
Factory Default

Compact - 2L2N-CCT Series 21-44W
Constant Current LED Driver-Compact



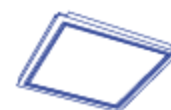
CB CE SELV

- Class II, SELV, Independent
- Input Voltage: 220-240VAC
- Protections: SCP/OLP/OVP
- Power Factor:0.95
- Efficiency:88%
- 5 years warranty
- IP20
- Loop in, loop out

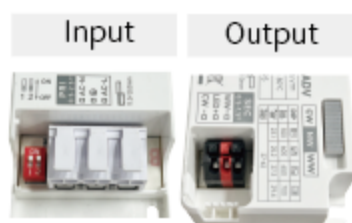


FLS-21-500 CCT LS ADV
FLS-30-700 CCT LS ADV
FLS-38-900 CCT LS ADV
FLS-44-1050 CCT LS ADV

Typical Applications:



Panel light



Best Seller	Size (L*W*H)	Output	Range of Current	THD	Typical Efficiency	No-load Power	Ta, Tc	Certification
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FLS-21-500 CCT LS ADV 133.5*50*36 21W/ 500mA/ 27-42VDC 350-500mA <10% 88% ≤0.5W 45°C/75°C CE/ CB/ ENEC

FLS-30-700 CCT LS ADV 133.5*50*36 30W/ 700mA/ 27-42VDC 550-700mA 10% 88% ≤0.5W 45°C/75°C CE/ CB/ ENEC

FLS-38-900 CCT LS ADV 133.5*50*36 38W/ 900mA/ 27-42VDC 750-900mA <10% 89% ≤0.5W 45°C/85°C CE/ CB/ ENEC

FLS-44-1050 CCT LS ADV 133.5*50*36 44W/ 1050mA/ 27-42VDC 900-1050mA 10% 88% ≤0.5W 45°C/85°C CE/ CB/ ENEC

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	EN61347-1, IEC/ EN61347-2-13, EN62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547

FLS-21-500 CCT LS ADV

Vo	Po	Io	1	2
27-42 VDC	14.7 W	350 mA	/	/
27-42 VDC	16.8 W	400 mA	ON	/
27-42 VDC	18.9 W	450 mA	/	ON
27-24 VDC	21 W	500 mA	ON	ON

FLS-30-700 CCT LS ADV

Vo	Po	Io	1	2
27-42 VDC	23.1 W	550 mA	/	/
27-42 VDC	25.2 W	600 mA	ON	/
27-42 VDC	27.3 W	650 mA	/	ON
27-24 VDC	29.4 W	700 mA	ON	ON

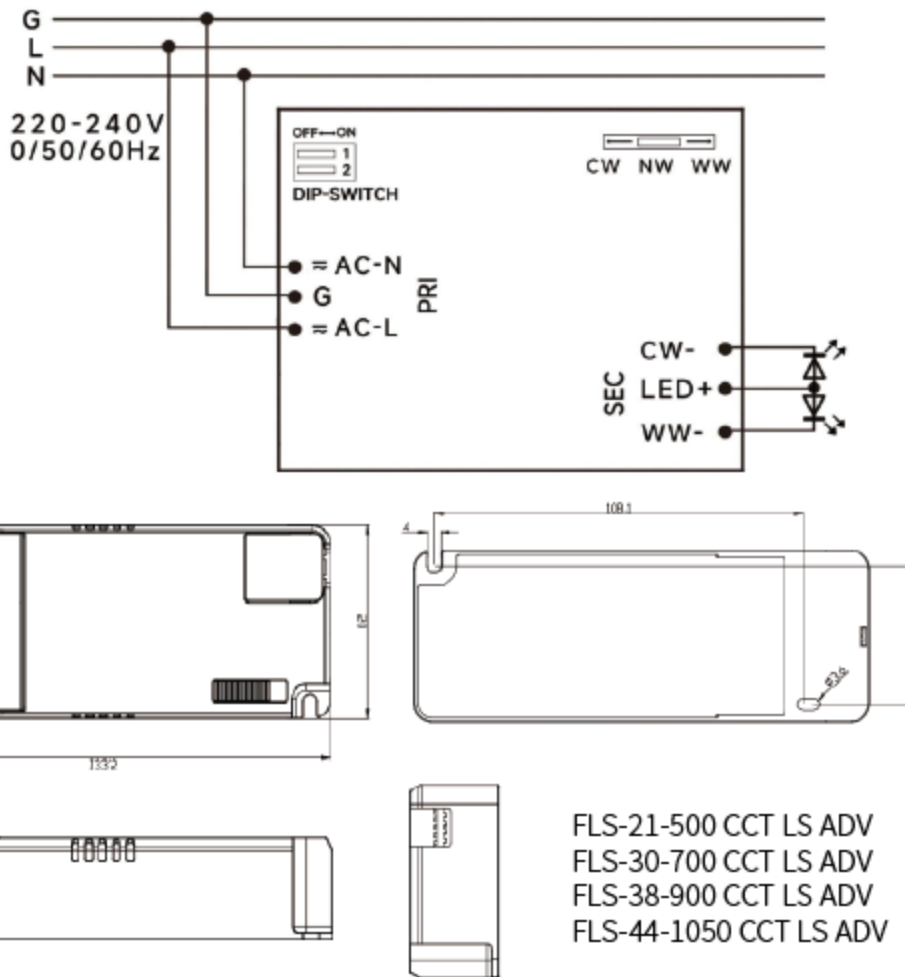
FLS-38-900 CCT LS ADV

Vo	Po	Io	1	2
27-42 VDC	31.5 W	750 mA	/	/
27-42 VDC	33.6 W	800 mA	ON	/
27-42 VDC	35.7 W	850 mA	/	ON
27-24 VDC	37.8 W	900 mA	ON	ON

FLS-44-1050 CCT LS ADV

Vo	Po	Io	1	2
27-42 VDC	37.8 W	900 mA	/	/
27-42 VDC	39.9 W	950 mA	ON	/
27-42 VDC	42 W	1000 mA	/	ON
27-24 VDC	44.1 W	1050 mA	ON	ON

Factory Default



FLS-21-500 CCT LS ADV
FLS-30-700 CCT LS ADV
FLS-38-900 CCT LS ADV
FLS-44-1050 CCT LS ADV

Compact - Rectangle High Efficiency Series 40W

Constant Current LED Driver

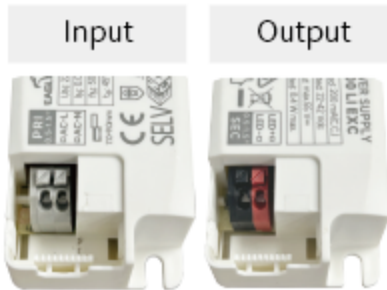
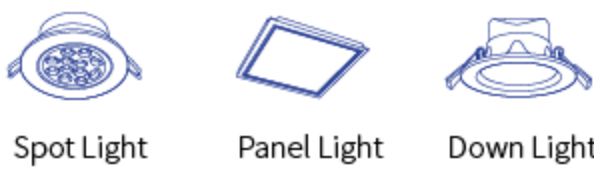


- Class II, SELV, Independent
- Input Voltage 220-240VAC
- Protections: SCP/OLP/OVP
- Power Factor : 0.95
- 5 years warranty
- High Efficiency: 93%



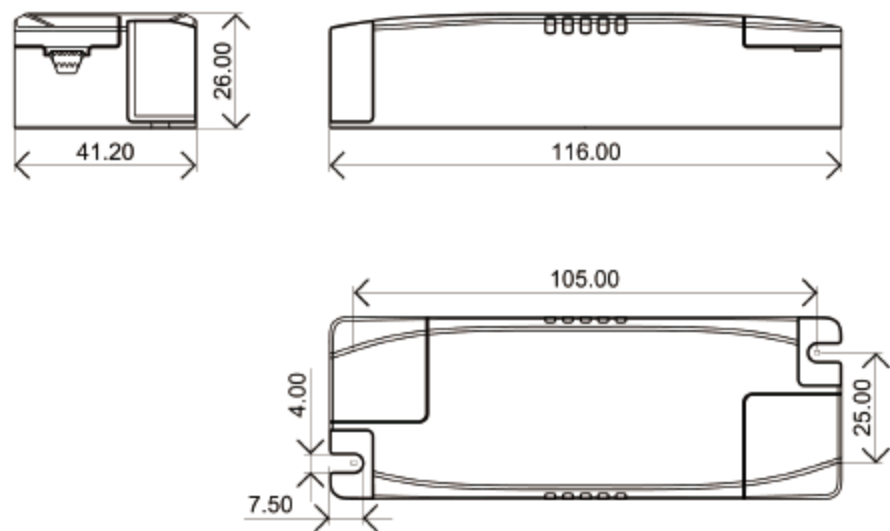
LS-40-*** LI ADV

Typical Applications:



Best Seller	Size (L*W*H)	Output	Typical Efficiency	No-load Power	Ta, Tc	Certification
LS-40-600 LI ADV LS-40-650 LI ADV LS-40-700 LI ADV LS-40-750 LI ADV LS-40-800 LI ADV LS-40-850 LI ADV LS-40-900 LI ADV LS-40-950 LI ADV LS-40-1000 LI ADV LS-40-1050 LI ADV	116*41*26	40W/ 600mA/ 30-42VDC 40W/ 650mA/ 30-42VDC 40W/ 700mA/ 30-42VDC 40W/ 750mA/ 30-42VDC 40W/ 800mA/ 30-42VDC 40W/ 850mA/ 30-42VDC 40W/ 900mA/ 30-42VDC 40W/ 950mA/ 30-42VDC 40W/ 1000mA/ 30-40VDC 40W/ 1050mA/ 30-38.5VDC	93%	≤0.5W	45°C/80°C	CE/ CB/ RCM/ CCC/ ENEC

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384, GB19510.1, GB19510.14
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547, GB/T 17743,GB17625.1



LS-40-*** LI ADV

Compact - Rectangle High PF Series 40W

Constant Current LED Driver

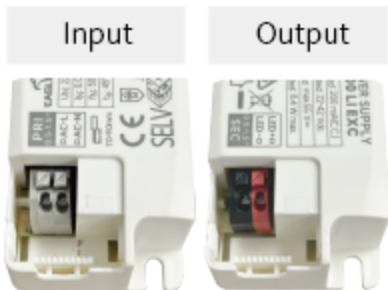


- Class II, SELV, Independent
- Input Voltage 220-240VAC
- Protections: SCP/OLP/OVP
- Power Factor : 0.95
- 5 years warranty
- IP40



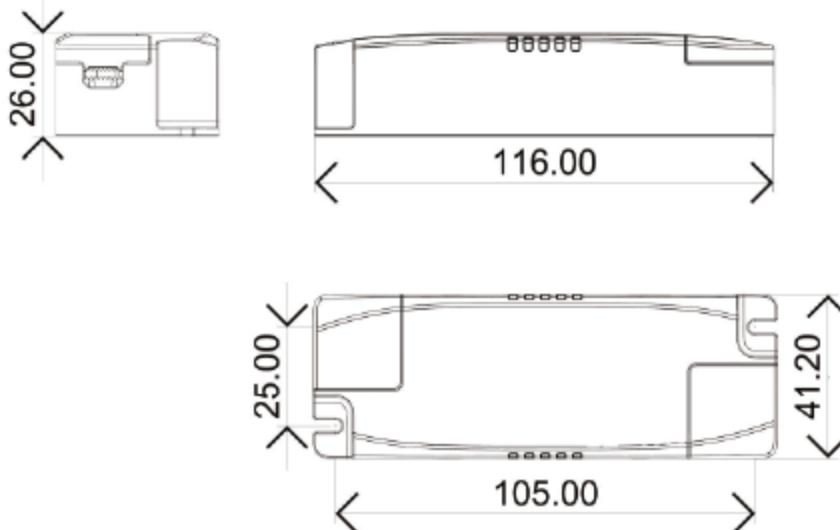
LS-40-*** LI EXC

Typical Applications:



Best Seller	Size (L*W*H)	Output	Typical Efficiency	No-load Power	Ta, Tc	Certification
LS-40-600 LI EXC LS-40-650 LI EXC LS-40-700 LI EXC LS-40-750 LI EXC LS-40-800 LI EXC LS-40-850 LI EXC LS-40-900 LI EXC LS-40-950 LI EXC LS-40-1000 LI EXC LS-40-1050 LI EXC	116*41*26	40W/ 600mA/ 24-42VDC 40W/ 650mA/ 24-42VDC 40W/ 700mA/ 24-42VDC 40W/ 750mA/ 24-42VDC 40W/ 800mA/ 24-42VDC 40W/ 850mA/ 24-42VDC 40W/ 900mA/ 24-42VDC 40W/ 950mA/ 24-42VDC 40W/ 1000mA/ 24-40VDC 40W/ 1050mA/ 24-38.5VDC	89%	≤0.5W	45°C/80°C	CE/ CB/ RCM/ CCC/ ENEC

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384, GB19510.1, GB19510.14
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547, GB/T 17743,GB17625.1



LS-40-*** LI EXC

Compact - Rectangle High PF Series 40W
Constant Current LED Driver

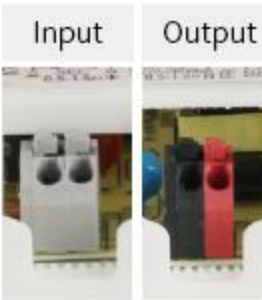


- Installation: Independent
- Class II , Isolated
- Protection: SCP/ OLP/ OVP
- Warranty: 5 years
- Power Factor: 0.95
- Efficiency: 89%
- IP20/40



LS-40-*** LI ECO

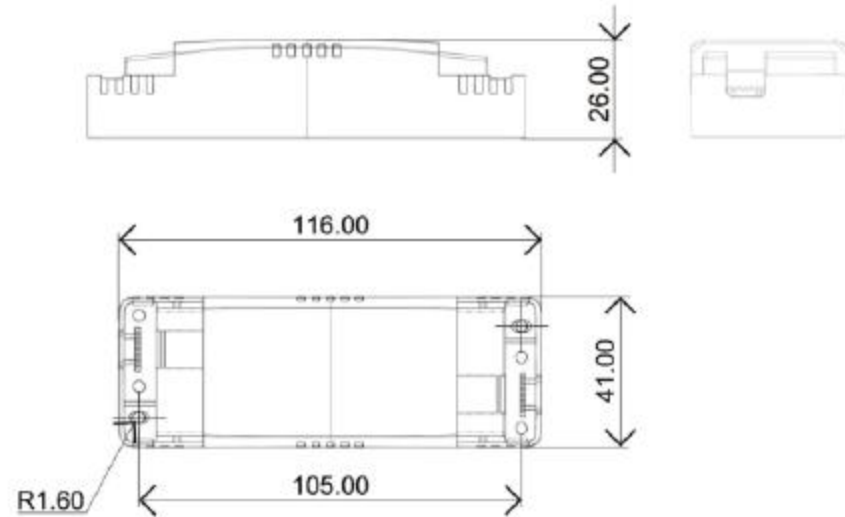
Typical Applications:



Best Seller	Size (L*W*H)	Output	Typical Efficiency	No-load Power	Ta, Tc	Certification
• LS-40-600 LI ECO • LS-40-700 LI ECO • LS-40-750 LI ECO • LS-40-800 LI ECO • LS-40-850 LI ECO • LS-40-900 LI ECO • LS-40-950 LI ECO • LS-40-1000 LI ECO • LS-40-1050 LI ECO	116*41*26	40W/ 600mA/ 24-42VDC 40W/ 700mA/ 24-42VDC 40W/ 750mA/ 24-42VDC 40W/ 800mA/ 24-42VDC 40W/ 850mA/ 24-42VDC 40W/ 900mA/ 24-42VDC 40W/ 950mA/ 24-42VDC 40W/ 1000mA/ 24-42VDC 40W/ 1050mA/ 24-38.5VDC	≥89%	≤0.5W	45°C/80°C	CE/ CB/ RCM/ CCC/ ENEC

• : Regular Stock

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384, GB19510.1, GB19510.14
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547, GB/T 17743,GB17625.1



LS-40-*** LI ECO

Compact - Rectangle High PF Series 8-20W
Constant Current LED Driver

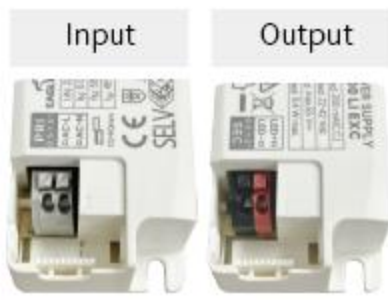


- Class II, SELV, Independent
- Input Voltage 220-240VAC
- Protections: SCP/OLP/OVP
- Power Factor : 0.95
- 5 years warranty



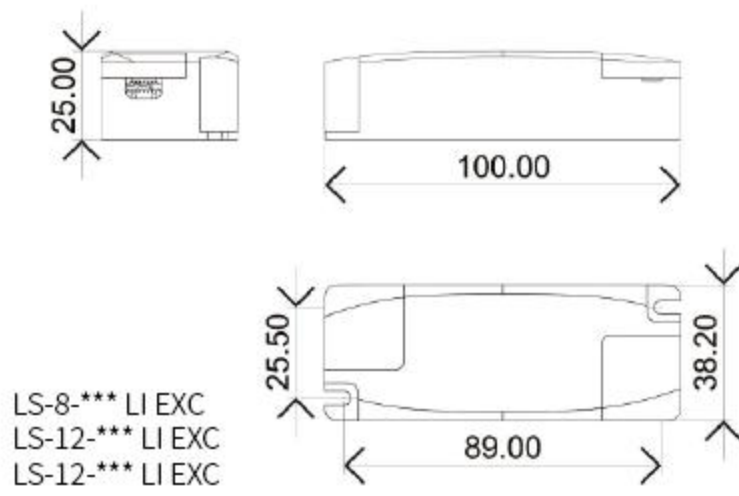
LS-8-*** LI EXC
LS-12-*** LI EXC
LS-20-*** LI EXC

Typical Applications:



Best Seller	Size (L*W*H)	Output	Typical Efficiency	No-load Power	Ta, Tc	Certification
- LS-8-120 LI EXC - LS-8-150 LI EXC - LS-8-180 LI EXC - LS-8-200 LI EXC - LS-8-220 LI EXC - LS-8-250 LI EXC - LS-8-300 LI EXC - LS-8-350 LI EXC	100*38.2*25	8W/ 120mA/ 27-50VDC 8W/ 150mA/ 27-50VDC 8W/ 180mA/ 22-42VDC 8W/ 200mA/ 22-42VDC 8W/ 220mA/ 22-42VDC 8W/ 250mA/ 14-27VDC 8W/ 300mA/ 14-27VDC 8W/ 350mA/ 12-24VDC	≥78%	≤0.5W	55°C/75°C	CE/ CB/ RCM/ CCC/ ENEC
- LS-12-250 LI EXC - LS-12-300 LI EXC - LS-12-350 LI EXC	100*38.2*25	12W/ 250mA/ 24-42VDC 12W/ 300mA/ 24-42VDC 12W/ 350mA/ 24-40VDC	≥81%	≤0.5W	45°C/75°C	CE/ CB/ RCM/ CCC/ ENEC
- LS-20-350 LI EXC - LS-20-400 LI EXC - LS-20-450 LI EXC - LS-20-500 LI EXC - LS-20-600 LI EXC - LS-20-700 LI EXC	100*38.2*25	20W/ 350mA/ 40-60VDC 20W/ 400mA/ 24-42VDC 20W/ 450mA/ 24-42VDC 20W/ 500mA/ 24-42VDC 20W/ 600mA/ 24-40VDC 20W/ 700mA/ 18-30VDC	≥85%	≤0.5W	45°C/80°C	CE/ CB/ RCM/ CCC/ ENEC

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384, GB19510.1, GB19510.14
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547, GB/T 17743,GB17625.1



LS-8-*** LI EXC
LS-12-*** LI EXC
LS-20-*** LI EXC

Compact - Rectangle High PF 50-60W
Constant Current LED Driver



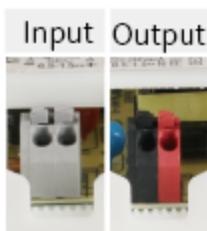
CBC CE CC SELV

- Installation: Independent
- Class II , Isolated
- Protection: SCP/ OLP/ OVP
- Warranty: 5 years
- Flicker free



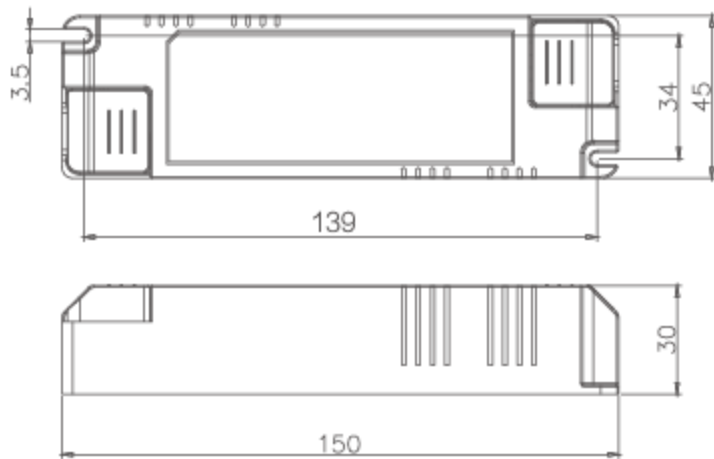
LS-50-*** LI2
LS-60-*** LI2

Typical Applications:



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
LS-50-600 LI2 • LS-50-1200 LI2	150*45*30	50W/ 600mA/ 56-80VDC 50W/ 1200mA/ 28-42VDC	<10%	≥89%	≤0.5W	30A	45°C/75°C	CE/ CB/ RCM/ CCC/ ENEC
• LS-60-1400 LI2	150*45*30	60W/ 1400mA/ 28-42VDC	<10%	≥89%	≤0.5W	30A	45°C/75°C	CE/ CB/ RCM/ CCC/ ENEC
• : Regular Stock								

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384, GB19510.1, GB19510.14
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547, GB/T 17743,GB17625.1



LS-60-*** LI2
LS-50-*** LI2

Compact - Rectangle High PF Series 6-12W
Constant Current LED Driver



CBC CE CC SELV

- Installation: Built-in
- Class I, Isolated
- Protection: SCP/ OLP/ OVP
- Warranty: 5 years
- Flicker free



SH-6-*** LB-G



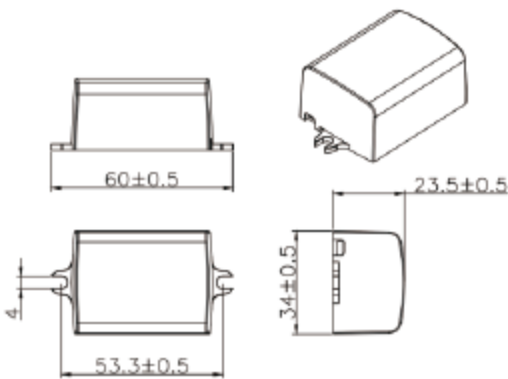
SH-12-*** LB-G

Typical Applications:

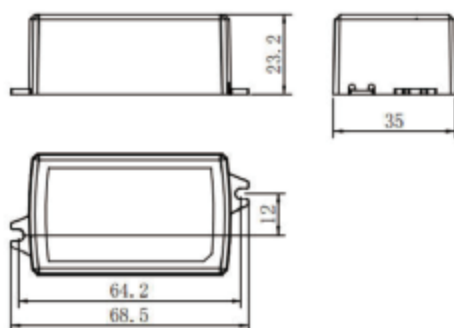


Best Seller	Size (L*W*H)	Output	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
SH-6-300 LB-G SH-6-350 LB-G SH-6-500 LB-G SH-6-700 LB-G	60*34*23.5	6W/ 300mA/ 13-23VDC 6W/ 350mA/ 12-21VDC 6W/ 500mA/ 6-13VDC 6W/ 700mA/ 5.5-10.5VDC	≥67%	≤0.5W	10A	50°C/85°C	CE/ CB/ RCM/ ENEC
SH-12-300 LB-G SH-12-350 LB-G SH-12-500 LB-G SH-12-700 LB-G	68.5*35*23.2	12W/ 300mA/ 25-42VDC 12W/ 350mA/ 20-36VDC 12W/ 500mA/ 16-27VDC 12W/ 700mA/ 11-18.5VDC	≥82% ≥82% ≥82% ≥80%	≤0.5W	10A	50°C/85°C	CE/ CB/ RCM/ ENEC

Ac Input Voltage Range	100-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384, GB19510.1, GB19510.14
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547, GB/T 17743



SH-6-*** LB-G



SH-12-*** LB-G

Compact - Rectangle High PF Series 6-12W
Constant Current LED Driver



- Installation: Built-in
- Class I (MB-G), Isolated
- Class II (MB) , Isolated
- Protection: SCP/ OLP/ OVP
- Warranty: 5 years
- Flicker free



SS-6-*** MB



SS-9-*** MB-G
SS-12-*** MB-G

Typical Applications:



Down Light



Spot Light



Wall Light

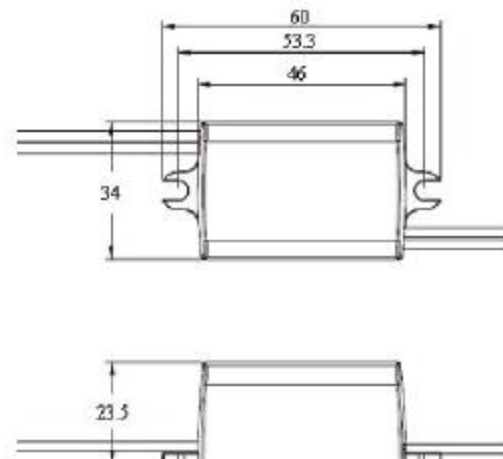


Best Seller	Size (L*W*H)	Output	Typical Efficiency	No-load Power	Ta, Tc	Certification
SS-6-300 MB SS-6-350 MB SS-6-700 MB	58.1*28.5*21	6W/ 300mA/ 10-20VDC 6W/ 350mA/ 8-20VDC 6W/ 700mA/ 2.8-9VDC	≥76%	≤0.5W	50°C/85°C	CE/ CB/ RCM/ ENEC
SS-9-200 MB-G SS-9-350 MB-G SS-9-700 MB-G	60*34*23.5	9W/ 200mA/ 27-45VDC 9W/ 350mA/ 15-26VDC 9W/ 700mA/ 7-13VDC	≥81%	≤0.5W	50°C/75°C	CE/ CB/ RCM/ ENEC
SS-12-300 MB-G SS-12-350 MB-G SS-12-500 MB-G SS-12-700 MB-G	60*34*23.5	12W/ 300mA/ 24-40VDC 12W/ 350mA/ 20-34.5VDC 12W/ 500mA/ 14-24VDC 12W/ 700mA/ 10-18VDC	≥81%	≤0.5W	50°C/80°C	CE/ CB/ RCM/ ENEC

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384, GB19510.1, GB19510.14
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547, GB/T 17743



SS-6-*** MB



SS-9-*** MB-G
SS-12-*** MB-G

Compact - Rectangle High PF Series 9-12W
Constant Current LED Driver



- Installation: Built-in
- Class I, Isolated
- Protection: SCP/ OLP/ OVP
- Warranty: 5 years
- Flicker free



SS-9-*** MX-G
SS-12-*** MX-G

Typical Applications:



Down Light



Spot Light

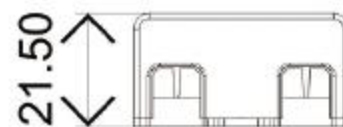


Wall Light

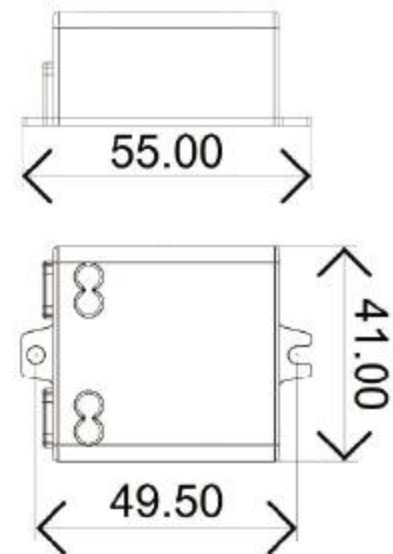


Best Seller	Size (L*W*H)	Output	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
SS-9-200 MX-G SS-9-300 MX-G SS-9-350 MX-G SS-9-500 MX-G SS-9-700 MX-G	55*41*21.5	9W/ 200mA/ 27-45VDC 9W/ 300mA/ 18-30VDC 9W/ 350mA/ 15-26VDC 9W/ 500mA/ 8.5-18VDC 9W/ 700mA/ 7-13VDC	≥81%	≤0.5W	20A	50°C/85°C	CE
SS-12-300 MX-G SS-12-350 MX-G SS-12-500 MX-G SS-12-700 MX-G	55*41*21.5	12W/ 300mA/ 24-40VDC 12W/ 350mA/ 20-34.5VDC 12W/ 500mA/ 14-24VDC 12W/ 700mA/ 10-18VDC	≥80%	≤0.5W	20A	50°C/85°C	CE

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384, GB19510.1, GB19510.14
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547, GB/T 17743



SS-9-*** MX-G
SS-12-*** MX-G



Compact - Rectangle Low PF Series 3W
Constant Current LED Driver



- Installation: Built-in
- Class II (SB) , Isolated
- Protection: SCP/ OLP/ OVP
- Warranty: 5 years
- Flicker free



Typical Applications:

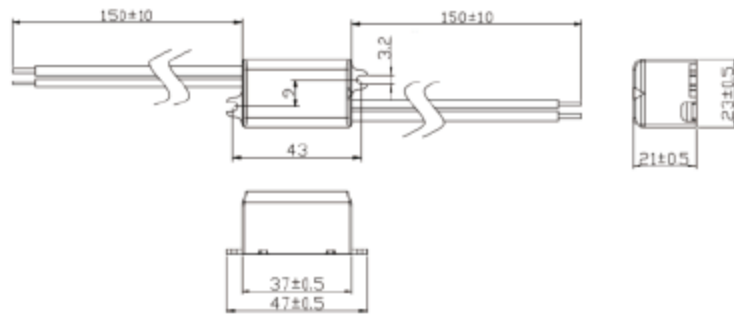


Best Seller	Size (L*W*H)	Output	Typical Efficiency	No-load Power	Ta, Tc	Certification
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SH-3-300 IP65 SB	47*23*21	3W/ 300mA/ 2.5-12VDC	≥68%	≤0.5W	50°C/75°C	CE/ CB/RCM/CCC/ ENEC
SH-3-350 IP65 SB		3W/ 350mA/ 2.5-10VDC				
SH-3-500 IP65 SB		3W/ 500mA/ 2.5-7VDC				
SH-3-700 IP65 SB		3W/ 700mA/ 2.5-4.5VDC				

• : Regular Stock

Ac Input Voltage Range	100-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384, GB19510.1, GB19510.14
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547, GB/T 17743



SH-3-*** IP65 SB

Compact - Rectangle Low PF Series 3-6W
Constant Current LED Driver



- Installation: Independent
- Class II , SELV
- Protection: SCP/ OLP/ OVP
- Warranty: 5 years
- IP20



Typical Applications:

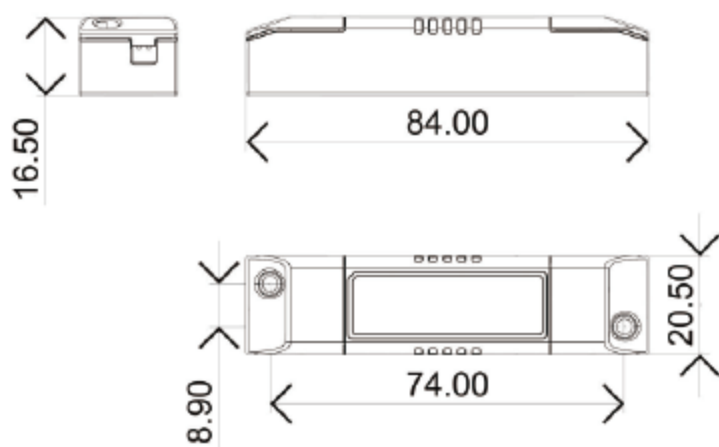


Best Seller	Size (L*W*H)	Output	Typical Efficiency	No-load Power	Ta, Tc	Certification
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LS-3-150 SI E	84*20.5*16.5	3W/ 150mA/ 5-12VDC	≥73%	≤0.5W	50°C/75°C	CE/ RCM/ CCC/ ENEC
LS-3-300 SI E		3W/ 300mA/ 5-12VDC	≥73%			
LS-3-350 SI E		3W/ 350mA/ 5-12VDC	≥71%			
LS-3-400 SI E		3W/ 400mA/ 2.5-4.5VDC	≥71%			
LS-3-500 SI E		3W/ 500mA/ 2.5-4.5VDC	≥71%			
LS-3-600 SI E		3W/ 600mA/ 2.5-4.5VDC	≥71%			
LS-3-700 SI E		3W/ 700mA/ 2.5-4.5VDC	≥71%			

LS-6-120 SI E	84*20.5*16.5	6W/ 120mA/ 27-40VDC	≥76%	≤0.5W	50°C/80°C	CE/ RCM/ CCC/ ENEC
LS-6-150 SI E		6W/ 150mA/ 27-40VDC				
LS-6-180 SI E		6W/ 180mA/ 27-40VDC				
LS-6-200 SI E		6W/ 200mA/ 27-40VDC				
LS-6-220 SI E		6W/ 220mA/ 27-40VDC				
LS-6-300 SI E		6W/ 300mA/ 8-20VDC				
LS-6-350 SI E		6W/ 350mA/ 8-18VDC				
LS-6-500 SI E		6W/ 500mA/ 5-12VDC				
LS-6-550 SI E		6W/ 550mA/ 5-11VDC				
LS-6-700 SI E		6W/ 700mA/ 4-9VDC				

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384, GB19510.1, GB19510.14
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547, GB/T 17743,GB17625.1



LS-3-*** SI E
LS-6-*** SI E

Compact - Rectangle Low PF Series 8-21W
Constant Current LED Driver

EAGLERISE

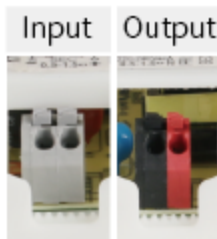
CBCECCSELV

- Installation: Independent
- Class II , SELV
- Protection: SCP/ OLP/ OVP/ OTP
- Efficiency: 80%
- Warranty: 5 years
- IP20



LS-8-*** SI ECO
LS-12-*** SI ECO
LS-21-*** SI ECO

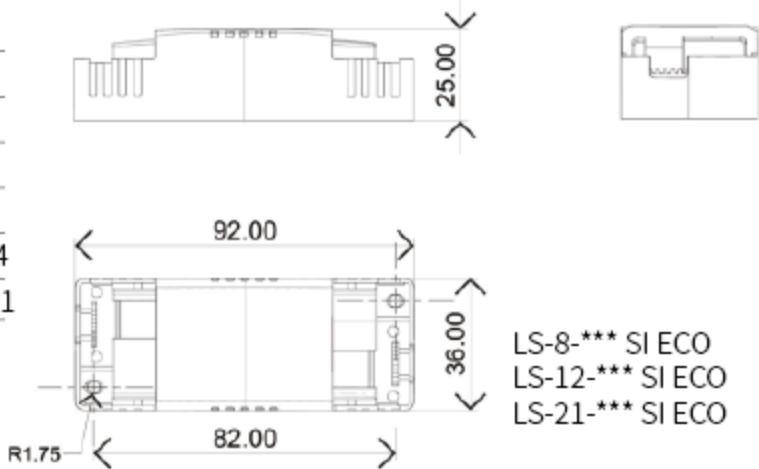
Typical Applications:



Best Seller	Size (L*W*H)	Output	Typical Efficiency	No-load Power	Ta, Tc	Certification
LS-8-120 SI ECO • LS-8-150 SI ECO LS-8-180 SI ECO • LS-8-200 SI ECO LS-8-250 SI ECO LS-8-300 SI ECO LS-8-350 SI ECO	92*36*25	8W/ 120mA/ 30-42VDC 8W/ 150mA/ 30-42VDC 8W/ 180mA/ 30-42VDC 8W/ 200mA/ 30-42VDC 8W/ 250mA/ 30-42VDC 8W/ 300mA/ 15-24VDC 8W/ 350mA/ 15-24VDC	≥80%	≤0.5W	45°C/75°C	CE/ CB/ RCM/ CCC/ ENEC
• LS-12-250 SI ECO • LS-12-300 SI ECO • LS-12-350 SI ECO LS-12-500 SI ECO LS-12-600 SI ECO	92*36*25	12W/ 250mA/ 30-42VDC 12W/ 300mA/ 30-42VDC 12W/ 350mA/ 27-40VDC 12W/ 500mA/ 14-26VDC 12W/ 600mA/ 11-20VDC	≥83%	≤0.5W	45°C/75°C	CE/ CB/ RCM/ CCC/ ENEC
LS-21-350 SI ECO LS-21-400 SI ECO LS-21-500 SI ECO	92*36*25	21W/ 350mA/ 27-42VDC 21W/ 400mA/ 27-42VDC 21W/ 500mA/ 27-42VDC	≥85%	≤0.5W	45°C/80°C	CE/ CB/ RCM/ CCC/ ENEC

• : Regular Stock

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384, GB19510.1, GB19510.14
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547, GB/T 17743,GB17625.1



LS-8-*** SI ECO
LS-12-*** SI ECO
LS-21-*** SI ECO

Compact - Circle High PF Series 22-42W
Constant Current LED Driver

EAGLERISE

CCCBCECCSELV

- Installation: Built-in
- Class II , Isolated
- Protection: SCP/ OLP/ OVP
- Warranty: 5 years
- Flicker free
- Terminal



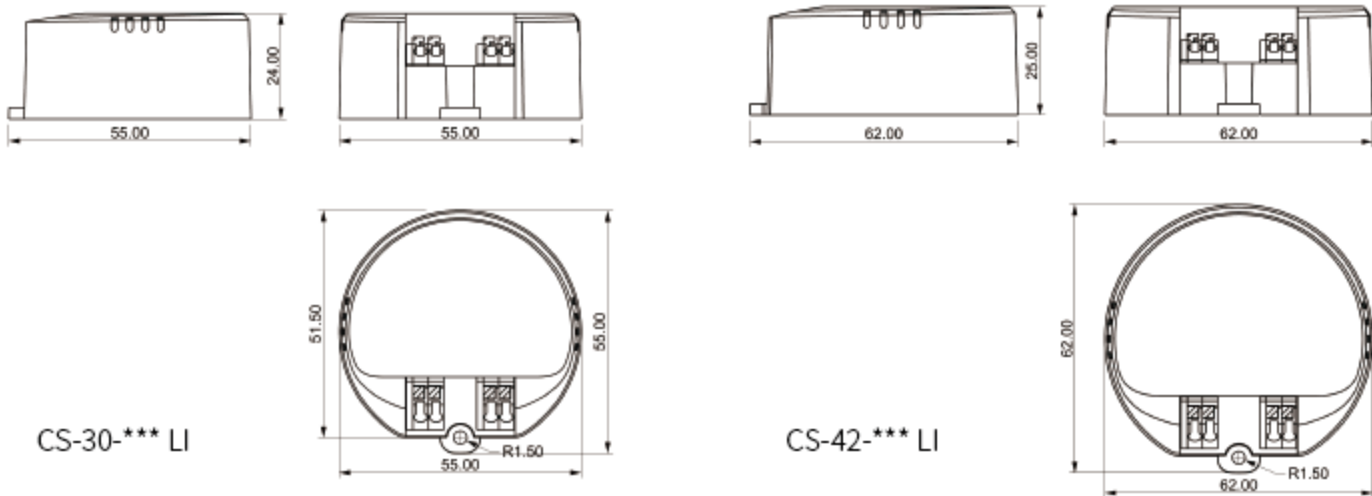
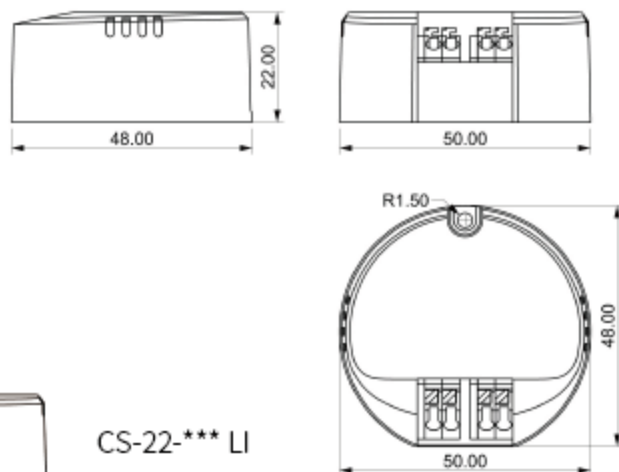
CS-22-*** LI
CS-30-*** LI
CS-42-*** LI

Typical Applications:



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Certification
CS-22-350 LI CS-22-400 LI CS-22-450 LI CS-22-500 LI	φ50*22	22W/ 350mA/ 24-42VDC 22W/ 400mA/ 24-42VDC 22W/ 450mA/ 24-42VDC 22W/ 500mA/ 24-42VDC	<10%	≥83%	≤0.5W	CE/ CB/ CCC/ RCM/ ENEC
CS-30-600 LI CS-30-650 LI CS-30-700 LI CS-30-750 LI	φ55*24	30W/ 600mA/ 24-42VDC 30W/ 650mA/ 24-42VDC 30W/ 700mA/ 24-42VDC 30W/ 750mA/ 24-42VDC	<10%	≥85%	≤0.5W	CE/ CB/ CCC/ RCM/ ENEC
CS-42-800 LI CS-42-850 LI CS-42-900 LI CS-42-950 LI CS-42-1000 LI CS-42-1050 LI	φ62*25	42W/ 800mA/ 24-42VDC 42W/ 850mA/ 24-42VDC 42W/ 900mA/ 24-42VDC 42W/ 950mA/ 24-42VDC 42W/ 1000mA/ 24-42VDC 42W/ 1050mA/ 24-42VDC	<10%	≥86%	≤0.5W	CE/ CB/ CCC/ RCM/ ENEC

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384, GB19510.1, GB19510.14
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547, GB/T 17743



Compact - Circle High PF Series 8-32W
Constant Current LED Driver



- Installation: Built-in
- Class II , Isolated
- Protection: SCP/ OLP/ OVP
- Warranty: 5 years
- Flicker free
- IP20

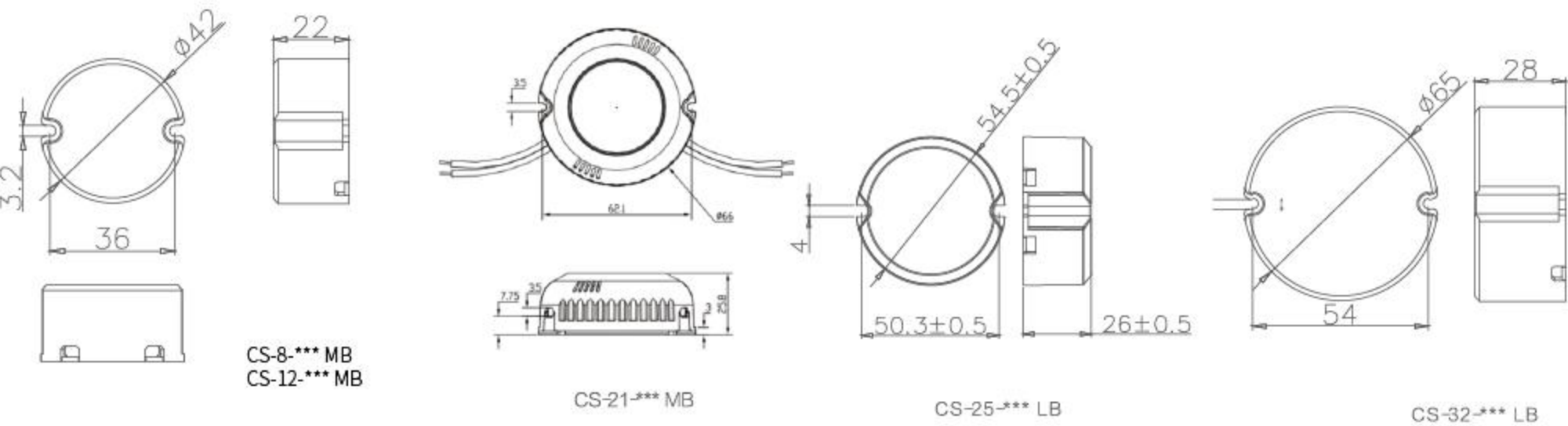


Typical Applications:



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
CS-8-150 MB CS-8-200 MB	φ42*22	8W/ 150mA/ 24-42VDC 8W/ 200mA/ 24-42VDC	<10%	≥81%	≤0.5W	10A	60°C/90°C	CE/ CB/ CCC/ RCM/ ENEC
CS-12-250 MB CS-12-300 MB CS-12-350 MB	φ66*25.8	12W/ 250mA/ 27-48VDC 12W/ 300mA/ 24-42VDC 12W/ 350mA/ 22-40VDC	<10%	≥83%	≤0.5W	20A	60°C/90°C	CE/ CB/ CCC/ RCM/ ENEC
CS-21-500 MB CS-21-700 MB	φ66*25.8	21W/ 500mA/ 24-42VDC 21W/ 700mA/ 18-30VDC	<10%	≥85%	≤0.5W	15A	50°C/80°C	CE/ CB/RCM/ ENEC
CS-25-500 LB CS-25-600 LB	φ55*26	25W/ 500mA/ 28-43VDC 25W/ 600mA/ 28-42VDC	<10%	≥86%	≤0.5W	25A	60°C/90°C	CE/ CB/ CCC/ RCM/ ENEC
CS-32-700 LB CS-32-800 LB	φ65*28	32W/ 700mA/ 28-42VDC 32W/ 800mA/ 28-40VDC	<10%	≥86%	≤0.5W	20A	60°C/90°C	CE/ CB/ CCC/ RCM/ ENEC

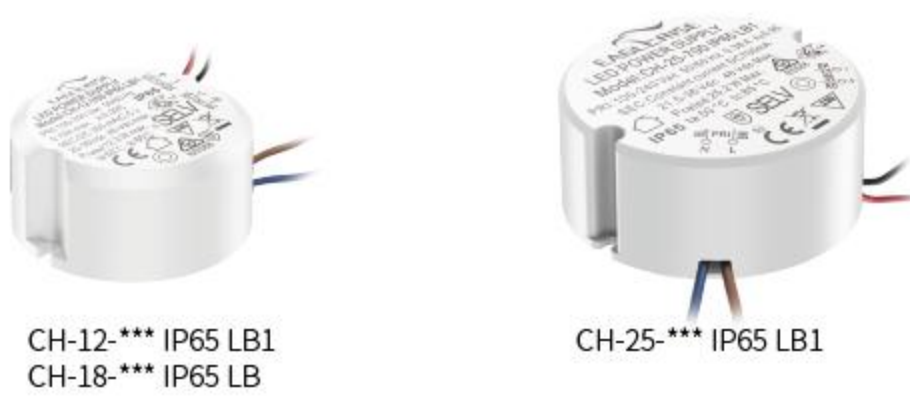
Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384, GB19510.1, GB19510.14
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547, GB/T 17743



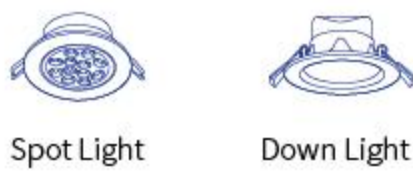
Compact - Circle High PF Series 12-25W
Constant Current LED Driver



- Installation: Built-in
- Class II , Isolated
- Protection: SCP/ OLP/ OVP
- Warranty: 5 years
- Flicker free
- IP65

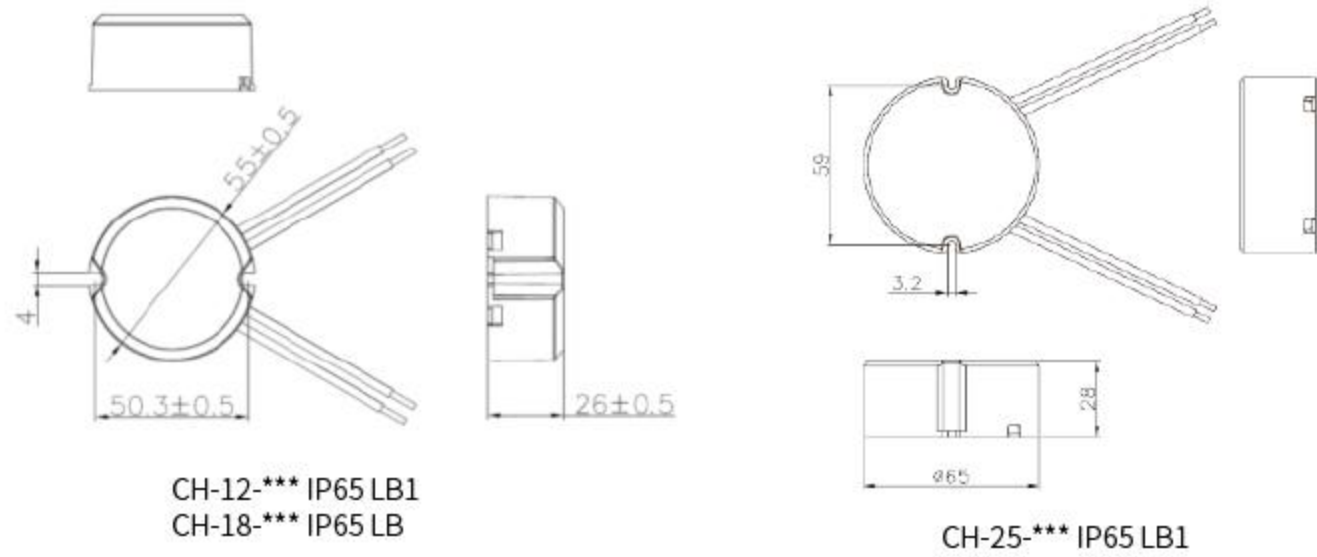


Typical Applications:



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
CH-12-300 IP65 LB1 CH-12-350 IP65 LB1 CH-12-500 IP65 LB1 CH-12-700 IP65 LB1	φ55*26	12W/ 300mA/ 24-40VDC 12W/ 350mA/ 20-35VDC 12W/ 500mA/ 14-24VDC 12W/ 700mA/ 10.5-17.5VDC	<10%	≥81%	≤0.5W	30A	50°C/85°C	CE/ CB/ RCM/ CCC/ ENEC
CH-18-300 IP65 LB CH-18-350 IP65 LB CH-18-450 IP65 LB CH-18-700 IP65 LB	φ55*26	18W/ 300mA/ 36-60VDC 18W/ 350mA/ 31-52VDC 18W/ 500mA/ 24-40VDC 18W/ 700mA/ 15.5-26VDC	<10%	≥86%	≤0.5W	30A	50°C/80°C	CE/ CB/ RCM/ ENEC
CH-25-350 IP65 LB1 CH-25-600 IP65 LB1 CH-25-700 IP65 LB1	φ65*28	25W/ 350mA/ 43-72VDC 25W/ 600mA/ 25-42VDC 25W/ 700mA/ 21.5-36VDC	<12%	≥86%	≤0.5W	20A	50°C/85°C	CE/ CB/ RCM/ ENEC

Ac Input Voltage Range	100-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384, GB19510.1, GB19510.14
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547, GB/T 17743,GB17625.1



Compact - Circle Low PF Series 8-22W
Constant Current LED Driver



- Installation: Built-in
- Class II , Isolated
- Protection: SCP/ OLP/ OVP
- Warranty: 5 years
- Flicker free
- Terminal



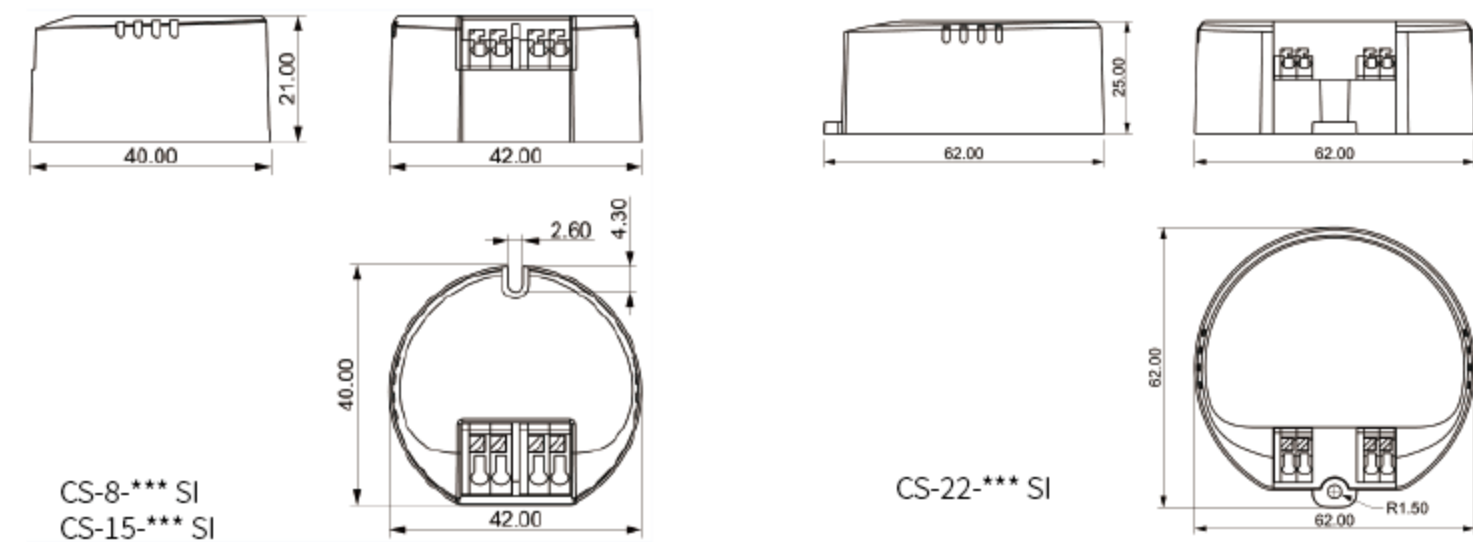
CS-8-*** SI
CS-15-*** SI
CS-22-*** SI

Typical Applications:



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Certification
CS-8-120 SI CS-8-150 SI CS-8-180 SI CS-8-200 SI	φ42*21	8W/ 120mA/ 28-42VDC 8W/ 150mA/ 24-42VDC 8W/ 180mA/ 24-42VDC 8W/ 200mA/ 24-42VDC	<10%	≥83% ≥83% ≥81% ≥81%	≤0.5W	CE/ CB/ CCC/ RCM/ ENEC
CS-15-250 SI CS-15-300 SI CS-15-350 SI	φ42*21	15W/ 250mA/ 24-42VDC 15W/ 300mA/ 24-42VDC 15W/ 350mA/ 24-42VDC	<10%	≥81%	≤0.5W	CE/ CB/ CCC/ RCM/ ENEC
CS-22-350 SI CS-22-400 SI CS-22-450 SI CS-22-500 SI	φ62*25	42W/ 350mA/ 24-42VDC 42W/ 400mA/ 24-42VDC 42W/ 450mA/ 24-42VDC 42W/ 500mA/ 24-42VDC	<10%	≥83%	≤0.5W	CE/ CB/ CCC/ RCM/ ENEC

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384, GB19510.1, GB19510.14
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547, GB/T 17743



Compact - Circle Low PF Series 8-16W
Constant Current LED Driver



- Installation: Built-in
- Class II , Isolated
- Protection: SCP/ OLP/ OVP
- Warranty: 5 years
- Flicker free
- Cable



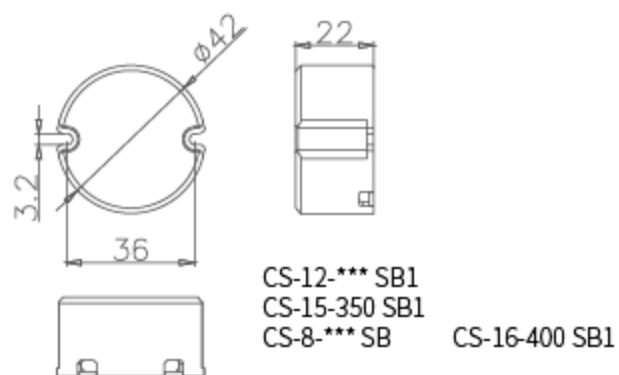
CS-8-*** SB
CS-12-*** SB1
CS-15-350 SB1
CS-16-400 SB1

Typical Applications:



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
CS-8-120 SB CS-8-150 SB CS-8-200 SB	φ42*22	8W/ 120mA/ 28-42VDC 8W/ 150mA/ 28-42VDC 8W/ 200mA/ 28-42VDC	<10%	≥83%	≤0.5W	30A	60°C/85°C	CE/ CB/ RCM/ CCC/ ENEC
CS-12-250 SB1 CS-12-300 SB1	φ42*22	12W/ 250mA/ 28-42VDC 12W/ 300mA/ 28-42VDC	<10%	≥83%	≤0.5W	30A	60°C/85°C	CE/ CB/RCM/ CCC/ ENEC
CS-15-350 SB	φ42*22	15W/ 350mA/ 28-42VDC	<10%	≥83%	≤0.5W	30A	60°C/85°C	CE/ CB/RCM/ CCC/ ENEC
CS-16-400 SB	φ42*22	16W/ 400mA/ 28-40VDC	<10%	≥84%	≤0.5W	30A	60°C/85°C	CE/ CB/RCM/ CCC/ ENEC

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384, GB19510.1, GB19510.14
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547, GB/T 17743



LED DRIVER

General - Constant Current

- Mini

Mini - Dip Switch Series 42W

Constant Current LED Driver



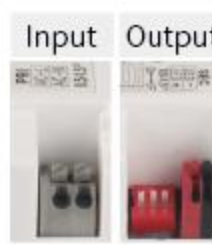
CB CE SELV

- Installation: Built-in or Independent with the flexible side caps
- Class II, Isolated
- Protection: SCP/ OLP/ OVP/ OTP
- Adjustable Output Current with Dip-switch
- Warranty: 5 years
- Flicker free
- Accessory: Flexible side caps, need to order seperately



FLS-42-1050 LD PRO

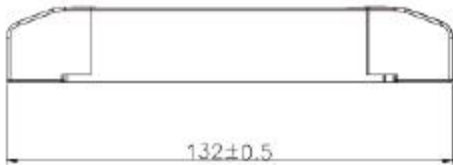
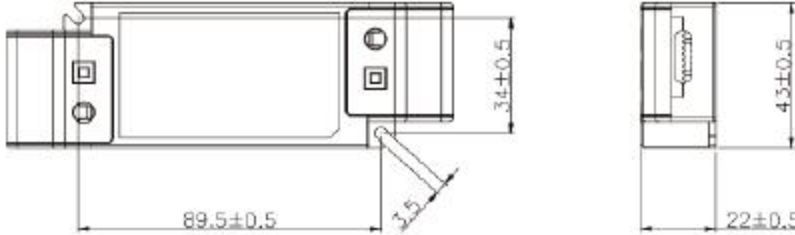
Typical Applications:



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Ta, Tc	Certification
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FLS-42-1050 LD PRO	98*43*22	42W/ 150-1050mA/ 2.5-42VDC	<10%	87%	≤0.5W	45°C/80°C	CE/ ENEC/ EL/ CB/ CCC
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Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547



FLS-42-1050 LD PRO

FLS-42-1050 LD PRO							
Vo	Po	Io	1	2	3	4	
2.5-42 VDC	6.3 W	150 mA	/	/	/	/	
2.5-42 VDC	8.4 W	200 mA	ON	/	/	/	
2.5-42 VDC	10.5 W	250 mA	/	ON	/	/	
2.5-42 VDC	12.6 W	300 mA	ON	ON	/	/	
2.5-42 VDC	14.7 W	350 mA	/	/	ON	/	
2.5-42 VDC	20.8 W	400 mA	ON	/	ON	/	
2.5-42 VDC	21 W	500 mA	/	ON	ON	/	
2.5-42 VDC	25.2 W	600 mA	ON	ON	ON	/	
2.5-42 VDC	29.4 W	700 mA	/	/	/	ON	
2.5-42 VDC	31.5 W	750 mA	ON	/	/	ON	
2.5-42 VDC	33.6 W	800 mA	/	ON	/	ON	
2.5-42 VDC	35.7 W	850 mA	ON	ON	/	ON	
2.5-42 VDC	37.8 W	900 mA	/	/	ON	ON	
2.5-42 VDC	39.9 W	950 mA	ON	/	ON	ON	
2.5-42 VDC	42 W	1000 mA	/	ON	ON	ON	
2.5-40 VDC	42 W	1050 mA	ON	ON	ON	ON	

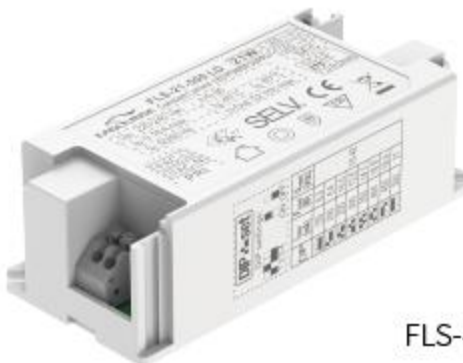
Factory Default

Mini - Dip Switch Series 42W
Constant Current LED Driver

EAGLERISE

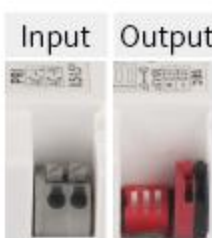
CB CE SELV EL

- Installation: Built-in or Independent with the flexible side caps
- Class II, Isolated
- Protection: SCP/ OLP/ OVP/ OTP
- Adjustable Output Current with Dip-switch
- Warranty: 5 years
- Flicker free
- Accessory: Flexible side caps, need to order seperately (Page 87)



FLS-42-1050 LD ADV

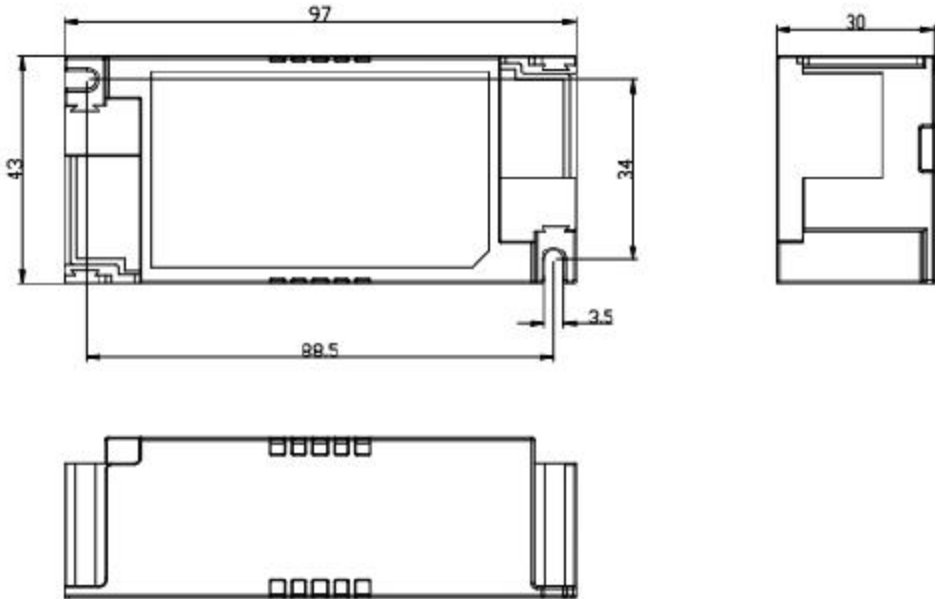
Typical Applications:



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Ta, Tc	Certification
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FLS-42-1050 LD ADV 97*43*30 42W/ 350-500mA/ 9-52VDC <10% 88% ≤0.5W 45°C/80°C CE/ ENEC/ EL/ RCM/ CB/ CCC

Ac Input Voltage Range	220-240 VAC 0/50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547



FLS-42-1050 LD ADV

FLS-42-1050 LD ADV							
Vo	Po	Io	1	2	3	4	
9-52 VDC	15.6 W	300 mA	/	/	/	/	/
9-52 VDC	18.2 W	350 mA	ON	/	/	/	/
9-52 VDC	20.8 W	400 mA	/	ON	/	/	/
9-52 VDC	23.4 W	450 mA	ON	ON	/	/	/
9-52 VDC	26 W	500 mA	/	/	ON	/	/
9-52 VDC	28.6 W	550 mA	ON	/	ON	/	/
9-52 VDC	31.2 W	600 mA	/	ON	ON	/	/
9-52 VDC	33.8 W	650 mA	ON	ON	ON	/	/
9-52 VDC	36.4 W	700 mA	/	/	/	ON	/
9-52 VDC	39 W	750 mA	ON	/	/	ON	/
9-52 VDC	41.6 W	800 mA	/	ON	/	ON	/
9-42 VDC	35.7 W	850 mA	ON	ON	/	ON	/
9-42 VDC	37.8 W	900 mA	/	/	ON	ON	/
9-42 VDC	39.9 W	950 mA	ON	/	ON	ON	/
9-42 VDC	42 W	1000 mA	/	ON	ON	ON	/
9-40 VDC	42 W	1050 mA	ON	ON	ON	ON	ON

Factory Default

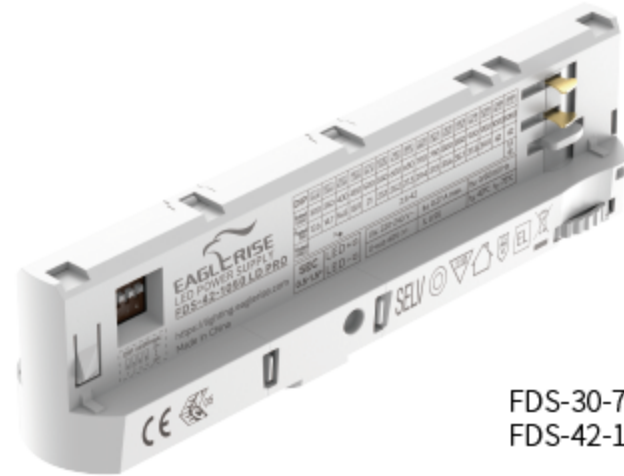
LED DRIVER

General - Constant Current - Track

Track Series 30-42W
Constant Currrent LED Driver



- Track adapter with integrated driver
- Class II, Isolated
- Protection: SCP/ OLP/ OVP/ OTP
- Adjustable Output Current with Dip-switch
- Warranty: 5 years
- Suitable for mainstream track:
ZUMTOBEL/ EUTRAC 25-103/ SIDE/ IVELA
STUCCHI/ POWERGEAR (PRO-0431)/ GLOBAL/ Erco
- Accessory: Nipples, need to order seperately (Page 87)



FDS-30-700 LD PRO
FDS-42-1050 LD PRO

Typical Applications:

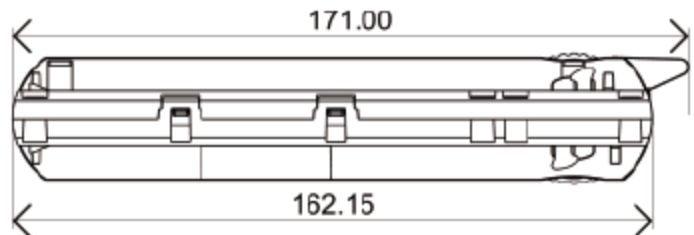
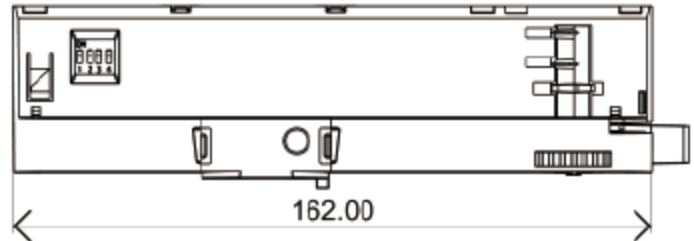
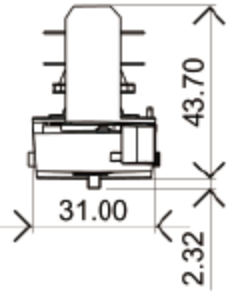


Track Spot Light

Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Ta, Tc	Certification
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FDS-30-700 LD PRO	162*31*42	30W/ 150-700mA/ 2.5-42VDC	<10%	88%	≤0.5W	35°C/75°C	CE/ ENEC
FDS-42-1050 LD PRO	162*29.5*42	42W/ 300-1050mA/ 2.5-42VDC	<10%	90%	≤0.5W	35°C/75°C	CE/ ENEC

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547



FDS-30-700 LD PRO
FDS-42-1050 LD PRO

FDS-30-700 LD PRO							
Vo	Po	Io	1	2	3	4	
2.5-42 VDC	6.3 W	150 mA	/	/	/	/	
2.5-42 VDC	8.4 W	200 mA	ON	/	/	/	
2.5-42 VDC	10.5 W	250 mA	/	ON	/	/	
2.5-42 VDC	12.6 W	300 mA	ON	ON	/	/	
2.5-42 VDC	14.7 W	350 mA	/	/	ON	/	
2.5-42 VDC	16.8 W	400 mA	ON	/	ON	/	
2.5-42 VDC	21 W	500 mA	/	ON	ON	/	
2.5-42 VDC	25.2 W	600 mA	ON	ON	ON	/	
2.5-42 VDC	27.3 W	650 mA	/	/	/	ON	
2.5-40 VDC	29.4 W	700 mA	ON	/	/	ON	

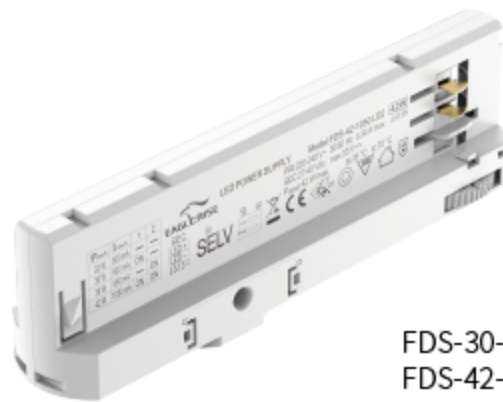
FDS-42-1050 LD PRO							
Vo	Po	Io	1	2	3	4	
2.5-42 VDC	12.6 W	300 mA	/	/	/	/	
2.5-42 VDC	14.7 W	350 mA	ON	/	/	/	
2.5-42 VDC	16.8 W	400 mA	/	ON	/	/	
2.5-42 VDC	18.9 W	450 mA	ON	ON	/	/	
2.5-42 VDC	21 W	500 mA	/	/	ON	/	
2.5-42 VDC	23.1 W	550 mA	ON	/	ON	/	
2.5-42 VDC	25.2 W	600 mA	/	ON	ON	/	
2.5-42 VDC	27.3 W	650 mA	ON	ON	ON	/	
2.5-42 VDC	29.4 W	700 mA	/	/	/	ON	
2.5-42 VDC	31.5 W	750 mA	ON	/	/	ON	
2.5-42 VDC	33.6 W	800 mA	/	ON	/	ON	
2.5-42 VDC	35.7 W	850 mA	ON	ON	/	ON	
2.5-42 VDC	37.8 W	900 mA	/	/	ON	ON	
2.5-42 VDC	39.9 W	950 mA	ON	/	ON	ON	
2.5-42 VDC	42 W	1000 mA	/	ON	ON	ON	
2.5-42 VDC	42 W	1050 mA	ON	ON	ON	ON	

Factory Default

Track Series 30-42W
Constant Currrent LED Driver



- Track adapter with integrated driver
- Class II, Isolated
- Protection: SCP/ OLP/ OVP/ OTP
- Adjustable Output Current with Dip-switch
- Warranty: 5 years
- Suitable for mainstream track:
ZUMTOBEL/ EUTRAC 25-103/ SIDE/ IVELA
STUCCHI/ POWERGEAR (PRO-0431)/ GLOBAL/ Erco
- Accessory: Nipples, need to order seperately (Page 87)



FDS-30-700 LD EXC
FDS-42-1050 LD ADV

Typical Applications:

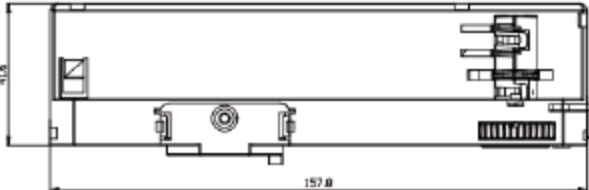
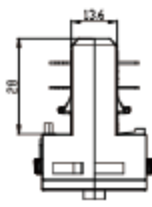


Track Spot Light

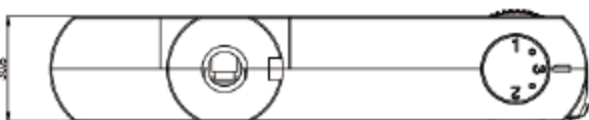
Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Ta, Tc	Certification
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FDS-30-700 LD EXC	158*30.6*41.6	30W/ 150-700mA/ 9-42VDC	<10%	≥84%	≤0.5W	35°C/85°C	CE/ CB/ ENEC
FDS-42-1050 LD ADV	158*30.6*41.6	42W/ 300-1050mA/ 9-42VDC	<10%	≥85%	≤0.5W	35°C/85°C	CE/ CB/ ENEC

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547



FDS-30-700 LD EXC
FDS-42-1050 LD ADV



FDS-42-1050 LD ADV

Vo	Po	Io	1	2	3	4
9-42 VDC	12.6 W	300 mA	/	/	/	/
9-42 VDC	14.7 W	350 mA	ON	/	/	/
9-42 VDC	16.8 W	400 mA	/	ON	/	/
9-42 VDC	18.9 W	450 mA	ON	ON	/	/
9-42 VDC	21 W	500 mA	/	/	ON	/
9-42 VDC	23.1 W	550 mA	ON	/	ON	/
9-42 VDC	25.2 W	600 mA	/	ON	ON	/
9-42 VDC	27.3 W	650 mA	ON	ON	ON	/
9-42 VDC	29.4 W	700 mA	/	/	/	ON
9-42 VDC	31.5 W	750 mA	ON	/	/	ON
9-42 VDC	33.6 W	800 mA	/	ON	/	ON
9-40 VDC	34 W	850 mA	ON	ON	/	ON
9-40 VDC	36 W	900 mA	/	/	ON	ON
9-40 VDC	38 W	950 mA	ON	/	ON	ON
9-40 VDC	40 W	1000 mA	/	ON	ON	ON
9-40 VDC	42 W	1050 mA	ON	ON	ON	ON

Factory Default

FDS-30-700 LD EXC

Vo	Po	Io	1	2	3	4
9-42 VDC	6.3 W	150 mA	/	/	/	/
9-42 VDC	8.4 W	200 mA	ON	/	/	/
9-42 VDC	10.5 W	250 mA	/	ON	/	/
9-42 VDC	12.6 W	300 mA	ON	ON	/	/
9-42 VDC	14.7 W	350 mA	/	/	ON	/
9-42 VDC	16.8 W	400 mA	ON	/	ON	/
9-42 VDC	18.9 W	450 mA	/	ON	ON	/
9-42 VDC	21 W	500 mA	ON	ON	ON	/
9-42 VDC	23.1 W	550 mA	/	/	ON	ON
9-42 VDC	25.2 W	600 mA	ON	/	ON	ON
9-42 VDC	27.3 W	650 mA	/	ON	ON	ON
9-42 VDC	29.4 W	700 mA	ON	ON	ON	ON

Track Series 21-42W
Constant Currrent LED Driver



- Track adapter with integrated driver
- Class II, Isolated
- Protection: SCP/ OLP/ OVP/ OTP
- Adjustable Output Current with Dip-switch
- Warranty: 5 years
- Flicker free
- Available color: Black, White, Grey
- Accessory: Nipples, need to order seperately (Page 87)



FDS-21-500 LD1-3 Wires
FDS-32-800 LD-3 Wires
FDS-42-1050 LD-3 Wires

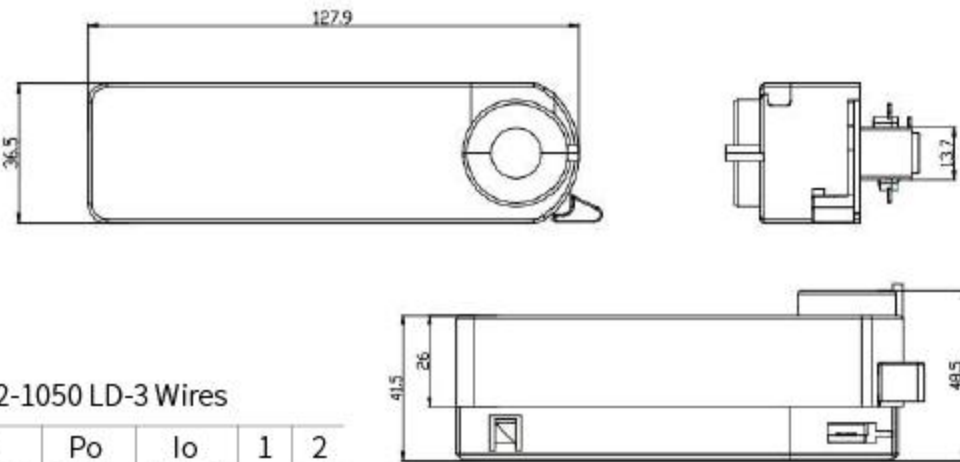
Typical Applications:



Track Spot Light

Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
FDS-21-500 LD1-3 Wires	128*36.5*26	21W/ 350-500mA/ 28-40VDC	<10%	≥85%	≤0.5W	30A	45°C/75°C	CQC
FDS-32-800 LD-3 Wires	128*36.5*26	32W/ 500-800mA/ 28-40VDC	<20%	≥88%	≤0.5W	30A	35°C/75°C	CQC
FDS-42-1050 LD-3 Wires	128*36.5*26	42W/ 900-1050mA/ 28-40VDC	<15%	≥88%	≤0.5W	30A	35°C/80°C	CQC

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, EN 62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547



FDS-21-500 LD1-3 Wires					FDS-32-800 LD-3 Wires					FDS-42-1050 LD-3 Wires				
Vo	Po	Io	1	2	Vo	Po	Io	1	2	Vo	Po	Io	1	2
28-40 VDC	14 W	350 mA	/	/	28-40 VDC	20 W	500 mA	/	/	28-40 VDC	36 W	900 mA	/	/
28-40 VDC	16 W	400 mA	ON	/	28-40 VDC	24 W	600 mA	ON	/	28-40 VDC	38 W	950 mA	ON	/
28-40 VDC	18 W	450 mA	/	ON	28-40 VDC	28 W	700 mA	/	ON	28-40 VDC	40 W	1000 mA	/	ON
28-40 VDC	20 W	500 mA	ON	ON	28-40 VDC	32 W	800 mA	ON	ON	28-40 VDC	42 W	1050 mA	ON	ON

FDS-21-500 LD1-3 Wires
FDS-32-800 LD-3 Wires
FDS-42-1050 LD-3 Wires

Factory Default

LED DRIVER
General - Constant Voltage



CV - Ultrathin Series 30-160W
Constant Voltage LED Driver

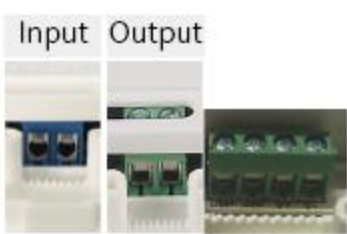


- Installation: Independent
- Class II, Isolated
- Protection: SCP/ OLP/ OVP/ OTP
- Warranty: 5 Years
- Flicker free



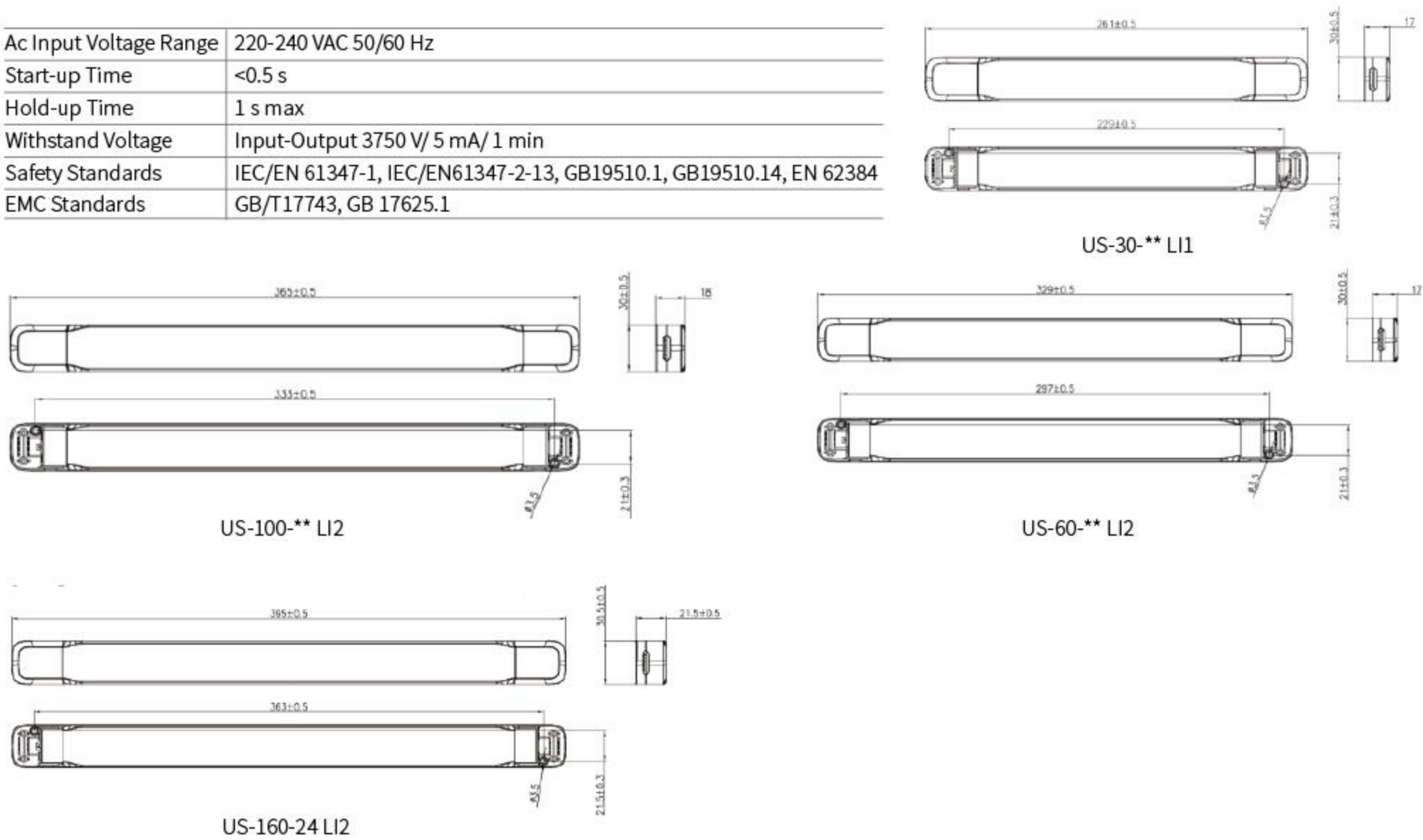
US-30-** LI1
US-60-** LI2
US-100-** LI2
US-160-24 LI2

Typical Applications:



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
US-30-12 LI1 US-30-24 LI1	261*30*17	30W/ 12V/ 0-2.5A 30W/ 24V/ 0-1.25A	<8%	≥83%	≤0.5W	20A	45°C/90°C	CB/ CE/ MM/ CCC/ ENEC
US-60-12 LI2 US-60-24 LI2	329*30*17	60W/ 12V/ 0-5A 60W/ 24V/ 0-2.5A	<8%	≥87%	≤0.5W	20A	45°C/90°C	CB/ CE/ MM/ CCC/ ENEC
US-100-12 LI2 US-100-24 LI2	365*30*18	100W/ 12V/ 0-8.33A 100W/ 24V/ 0-4.17A	<8%	≥88%	≤0.5W	60A	45°C/90°C	CB/ CE/ MM/ CCC/ ENEC
US-160-24 LI2	395*30.5*21.5	160W/ 24V/ 0-6.67A	<8%	≥92%	≤0.5W	60A	45°C/80°C	CB/ CE/ MM/ CCC/ ENEC

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, GB19510.1, GB19510.14, EN 62384
EMC Standards	GB/T17743, GB 17625.1



CV - Compact Series 30-150W
Constant Voltage LED Driver

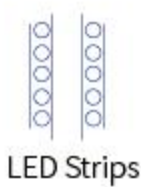


- Class II, SELV, Independent
- Input Voltage 220-240VAC
- Protections: SCP/OLP/OVP/OTP
- Power Factor: ≥0.95 (Typ.)
- Efficiency: ≥88% (Typ.)
- 5 years warranty

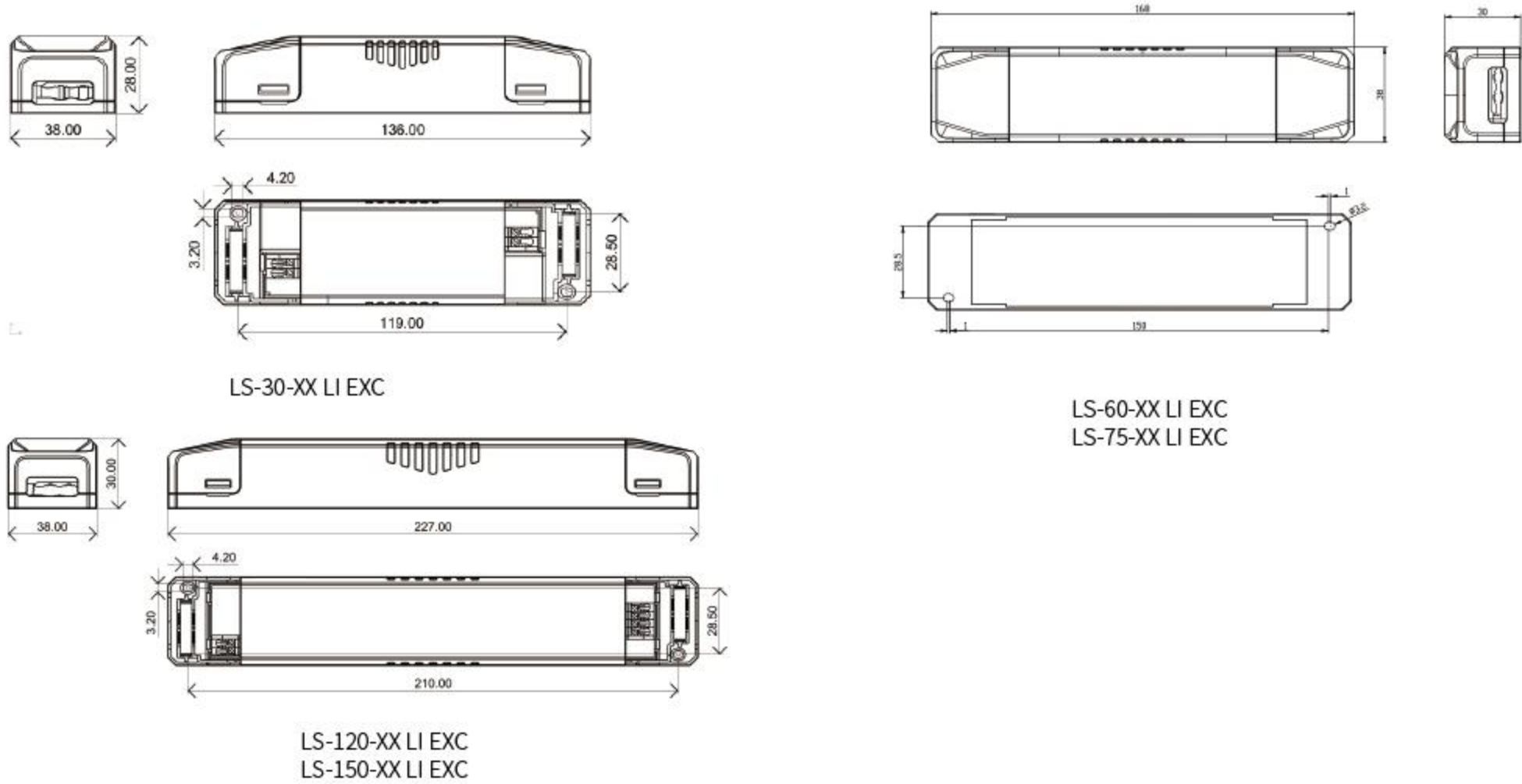


LS-30-** LI EXC
LS-60-** LI EXC
LS-75-** LI EXC
LS-120-** LI EXC
LS-150-** LI EXC

Typical Applications:



Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
LS-30-12 LI EXC LS-30-24 LI EXC	136*38*28	30W/ 12V/ 0-2.5A 30W/ 24V/ 0-1.25A	<15%	≥87%	≤0.5W	20A	45°C/75°C	CB/ CE/ MM/ CCC/ ENEC
LS-60-12 LI EXC LS-60-24 LI EXC	168*38*30	60W/ 12V/ 0-5A 60W/ 24V/ 0-2.5A	<10%	≥88%	≤0.5W	45A	45°C/75°C	CB/ CE/ MM/ CCC/ ENEC
LS-75-12 LI EXC LS-75-24 LI EXC	168*38*30	75W/ 12V/ 0-6.25A 75W/ 24V/ 0-3.13A	<10%	≥88% ≥89%	≤0.5W	50A	45°C/80°C	CB/ CE/ MM/ CCC/ ENEC
LS-120-24 LI EXC LS-120-48 LI EXC	227*38*30	120W/ 24V/ 0-5A 120W/ 48V/ 0-2.5A	<10%	≥91%	≤0.5W	55A	45°C/85°C	CB/ CE/ MM/ CCC/ ENEC
LS-150-24 LI EXC LS-150-48 LI EXC	227*38*30	150W/ 24V/ 0-6.25A 150W/ 48V/ 0-3.13A	<10%	≥91%	≤0.5W	55A	45°C/85°C	CB/ CE/ MM/ CCC/ ENEC



CV - Compact Series 12-20W
Constant Voltage LED Driver

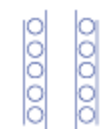


- Installation: Independent
- Class II, Isolated
- Protection: SCP/ OLP/ OVP
- Warranty: 5 Years
- Terminal



LS-12-20 MI
LS-20-20 MI

Typical Applications:



LED Strips

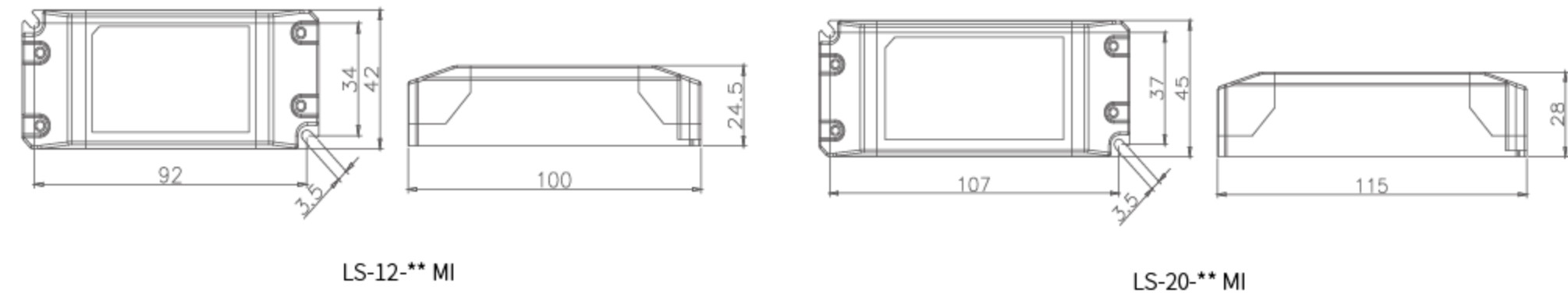


Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
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• LS-12-12 MI LS-12-24 MI	100*42*24.5	12W/ 12V/ 0-1A 12W/ 24V/ 0-0.5A	<10%	≥82%	≤0.5W	20A	45°C/70°C	CB/ CE/ CCC/ ENEC
• LS-20-12 MI LS-20-24 MI	115*45*28	20W/ 12V/ 0-1.67A 20W/ 24V/ 0-0.83A	<10%	≥80%	≤0.5W	20A	45°C/75°C	CB/ CE/ CCC/ ENEC

• : Regular Stock

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, GB19510.1, GB19510.14, EN 62384
EMC Standards	GB/T17743, GB 17625.1



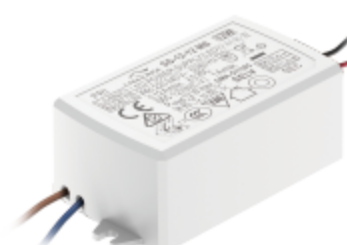
CV - Compact Series 6-18W
Constant Voltage LED Driver



- Installation: Built-in
- Class II, Isolated
- Protection: SCP/ OLP/ OVP
- Warranty: 5 Years
- Cable

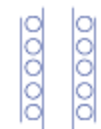


SS-6-18 MB

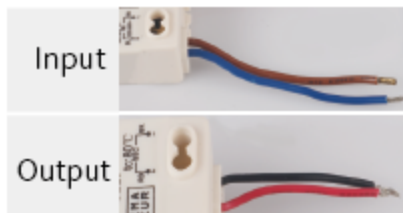


SS-12-18 MB
SS-18-18 MB

Typical Applications:



LED Strip

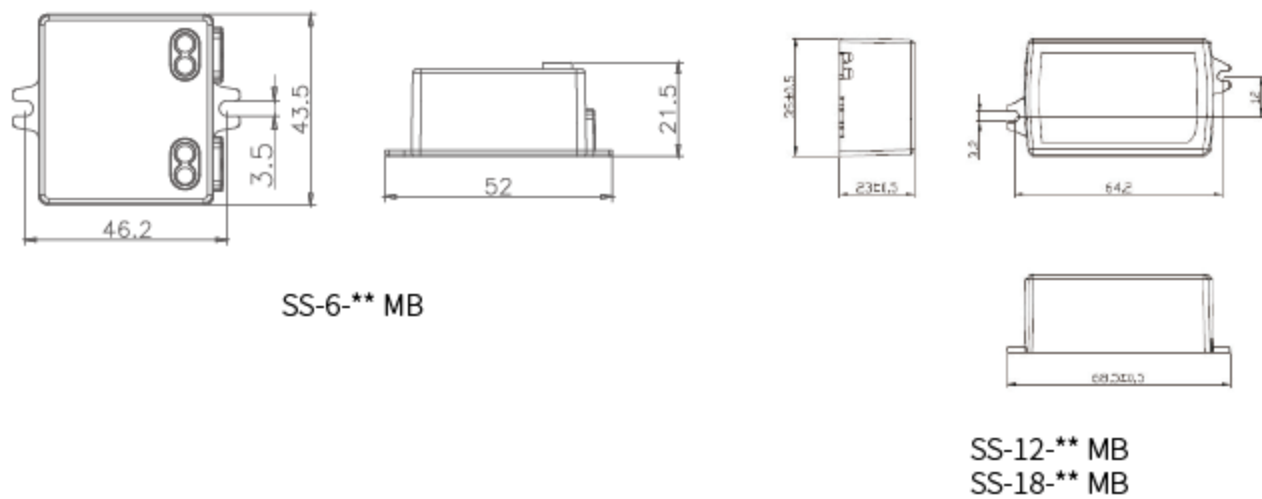


Best Seller	Size (L*W*H)	Output	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
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• SS-6-12 MB SS-6-24 MB	52*43.5*22.5	6W/ 12V/ 0-0.5A 6W/ 24V/ 0-0.25A	≥75%	≤0.5W	10A	45°C/80°C	CB/ CE/ CCC/ RCM/ ENEC
SS-12-12 MB SS-12-24 MB	68.5*53*23	12W/ 12V/ 0-1A 12W/ 24V/ 0-0.5A	≥83%	≤0.5W	10A	45°C/80°C	CB/ CE/ CCC/ RCM/ ENEC
SS-18-12 MB SS-18-24 MB	68.5*53*23	18W/ 12V/ 0-1.5A 18W/ 24V/ 0-0.75A	≥80%	≤0.5W	10A	45°C/85°C	CB/ CE/ CCC/ RCM/ ENEC

• : Regular Stock

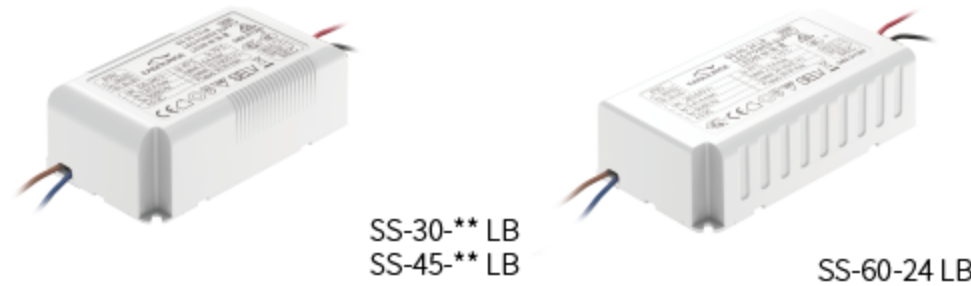
Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, GB19510.1, GB19510.14, EN 62384
EMC Standards	GB/T17743, GB 17625.1



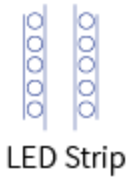
CV - Compact Series 30-60W
Constant Voltage LED Driver



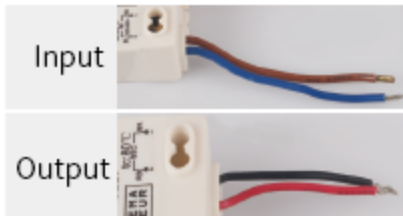
- Installation: Built-in
- Class II, Isolated
- Protection: SCP/ OLP/ OVP
- Warranty: 5 Years



Typical Applications:



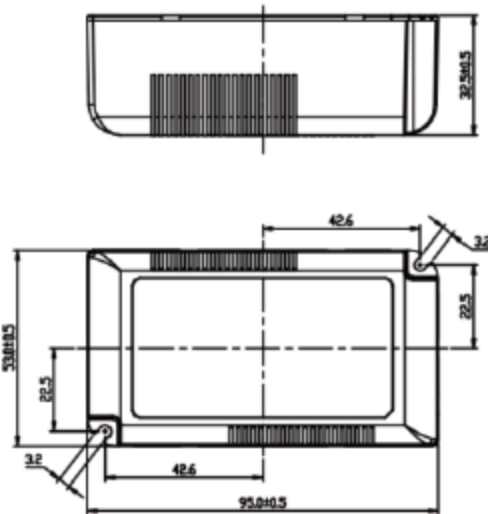
LED Strip



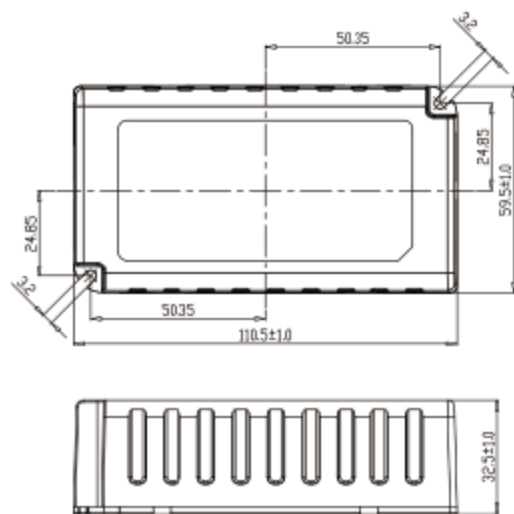
Best Seller	Size (L*W*H)	Output	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
• SS-30-12 LB • SS-30-24 LB	95*53*23.2	30W/ 12V/ 0-2.5A 30W/ 24V/ 0-1.25A	≥85%	≤0.5W	10A	45°C/75°C	CB/ CE/ CCC/ RCM/ ENEC
SS-45-12 LB SS-45-24 LB	95*53*23.2	45W/ 12V/ 0-3.75A 45W/ 24V/ 0-1.88A	≥85%	≤0.5W	10A	45°C/85°C	CB/ CE/ CCC/ RCM/ ENEC
• SS-60-24 LB	110.5*59.5*32.5	60W/ 24V/ 0-2.5A	≥87%	≤0.5W	30A	45°C/75°C	CB/ CE/ CCC/ RCM/ ENEC

• : Regular Stock

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, GB19510.1, GB19510.14, EN 62384
EMC Standards	GB/T17743, GB 17625.1



SS-30-12 LB
SS-45-12 LB



SS-60-24 LB

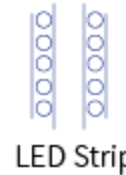
CV - IP44 Series 8-35W
Constant Voltage LED Driver



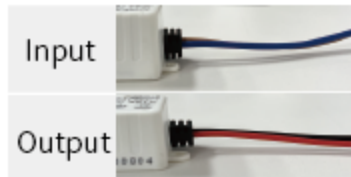
- Class II, SELV, Independent
- IP44 Ingress protection
- Input Voltage 100-240 VAC
- Protection: SCP/ OLP/ OTP
- Power Factor 0.8C
- Efficiency ≥75%@Full Load, 240 VAC
- Warranty: 5 Years



Typical Applications:

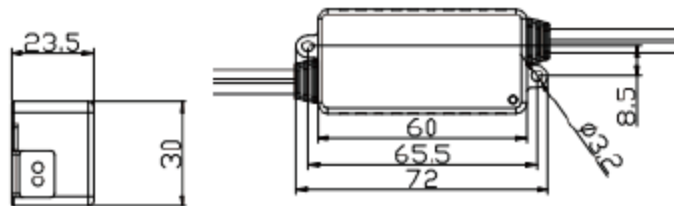


LED Strip

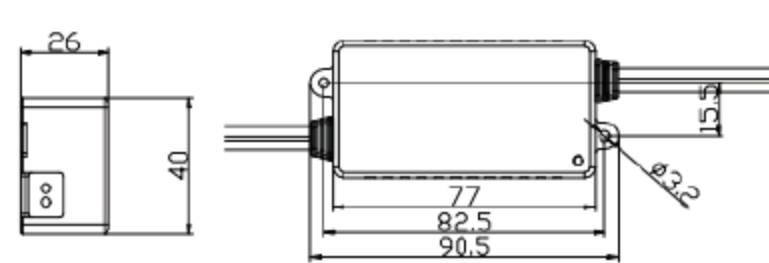


Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Inrush Current	Ta, Tc	Certification
SH-8-12 IP44 MB SH-8-24 IP44 MB	72*30*23.5	8W/ 12V/ 0-0.67A 8W/ 24V/ 0-0.34A	<10%	≥75%	≤0.5W	5A	45°C/85°C	CE
SH-16-12 IP44 MB SH-16-24 IP44 MB	90.5*40*26	16W/ 12V/ 0-1.25A 16W/ 24V/ 0-0.625A	<10%	≥76%	≤0.5W	10A	45°C/85°C	CE
SH-35-12 IP44 MB SH-35-24 IP44 MB	98.5*57*29.5	35W/ 12V/ 0-2.91A 35W/ 24V/ 0-1.458A	<10%	≥80%	≤0.5W	30A	45°C/90°C	CE

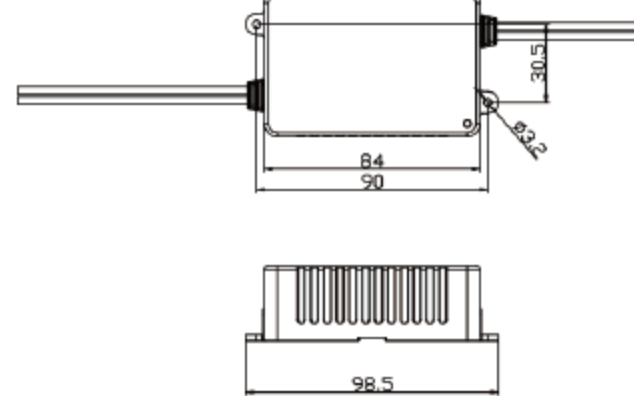
Ac Input Voltage Range	100-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, GB19510.1, GB19510.14, EN 62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547, GB/T17743, GB 17625.1



SH-8-12 IP44 MB



SH-16-12 IP44 MB



SH-35-12 IP44 LB

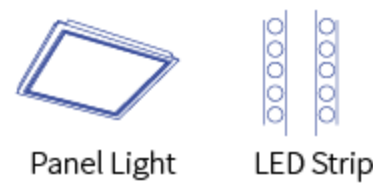
CV-VTS Series 24-100W
Constant Voltage LED Driver



- High efficiency up to 88%
- Built-in active PFC function
- Protection: OLP/ SCP/ OTP
- Compact plastic case, Free air convection
- Waterproof (IP67) and ULDry/ Damp/ Wet Location
- Input Surge Protection :2kV line-line
- High Reliability & Long Lifetime & 3 Years Warrant



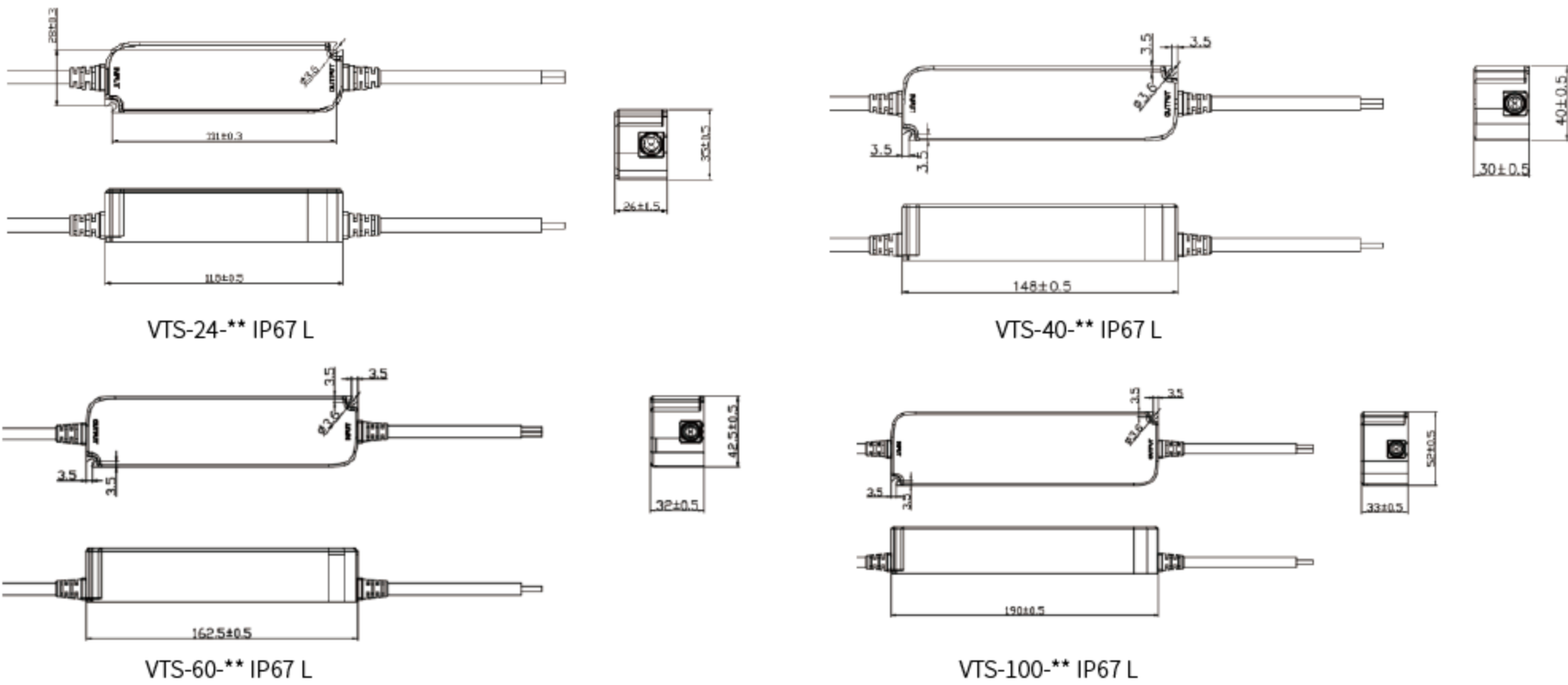
Typical Applications:



Best Seller	Size (L*W*H)	Output	THD	Efficiency	No-load Power	Inrush Current	Ta, Tc	Certificate
• VTS-24-12 IP67 L • VTS-24-24 IP67 L	118*35*26	24W/ 12V/ 0-2A 24W/ 24V/ 0-1A	<10%	≥86%	≤0.5W	25A	70°C/90°C	CB/ CE/ MM/ ENEC
• VTS-40-12 IP67 L • VTS-40-24 IP67 L	148*42*30	40W/ 12V/ 0-3.34A 40W/ 24V/ 0-1.67A	<10%	≥86%	≤0.5W	50A	70°C/90°C	CB/ CE/ MM/ ENEC
• VTS-60-12 IP67 L • VTS-60-24 IP67 L	162.5*42.5*32	60W/ 12V/ 0-5A 60W/ 24V/ 0-2.5A	<5%	86.5% 89%	≤0.5W	50A	70°C/90°C	CB/ CE/ MM/ ENEC
• VTS-100-12 IP67 L • VTS-100-24 IP67 L	190*52*33	100W/ 12V/ 0-8.33A 100W/ 24V/ 0-4.17A	<5%	87% 89%	≤1W	60A	70°C/90°C	CB/ CE/ MM/ ENEC

• : Regular Stock

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.5 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/EN 61347-1, IEC/EN61347-2-13, GB19510.1, GB19510.14, EN 62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547, GB/T17743, GB 17625.1



CV - Track Series 100-250W
Constant Voltage LED Driver



- Easy to disassemble and assemble
- With working light
- Class II, Isolation
- Protection: SCP/ OLP/ OVP/ OTP
- Flicker free
- Warranty: 5 years



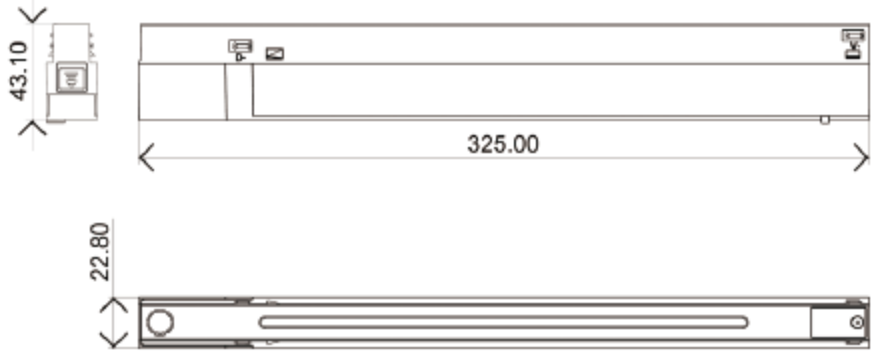
LS-100-48 LX EXC
LS-150-48 LX EXC
LS-250-48 LX EXC

Typical Applications:

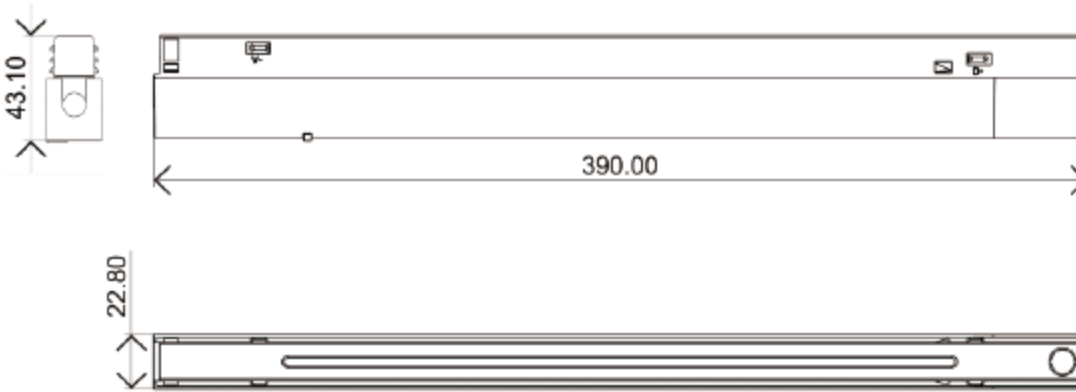


Best Seller	Size (L*W*H)	Output	THD	Typical Efficiency	No-load Power	Certification
LS-100-48 LX EXC	325*22.8*43	100W/ 0-2.08A/ 48VDC	<10%	≥88%	≤0.5W	CE/ ENEC
LS-150-48 LX EXC	325*22.8*43	150W/ 0-3.13A/ 48VDC	<10%	≥91%	≤0.5W	CE/ ENEC
LS-250-48 LX EXC	390*22.8*43	250W/ 0-5.2A/ 48VDC	<10%	≥93%	≤0.5W	CE/ ENEC

Ac Input Voltage Range	220-240 VAC 50/60 Hz
Start-up Time	<0.7 s
Hold-up Time	1 s max
Withstand Voltage	Input-Output 3750 V/ 5 mA/ 1 min
Safety Standards	IEC/ EN61347-1, IEC/ EN61347-2-13, EN62384
EMC Standards	EN55015, EN61000-3-2, EN61000-3-3, EN61547



LS-100-48 LX EXC
LS-150-48 LX EXC

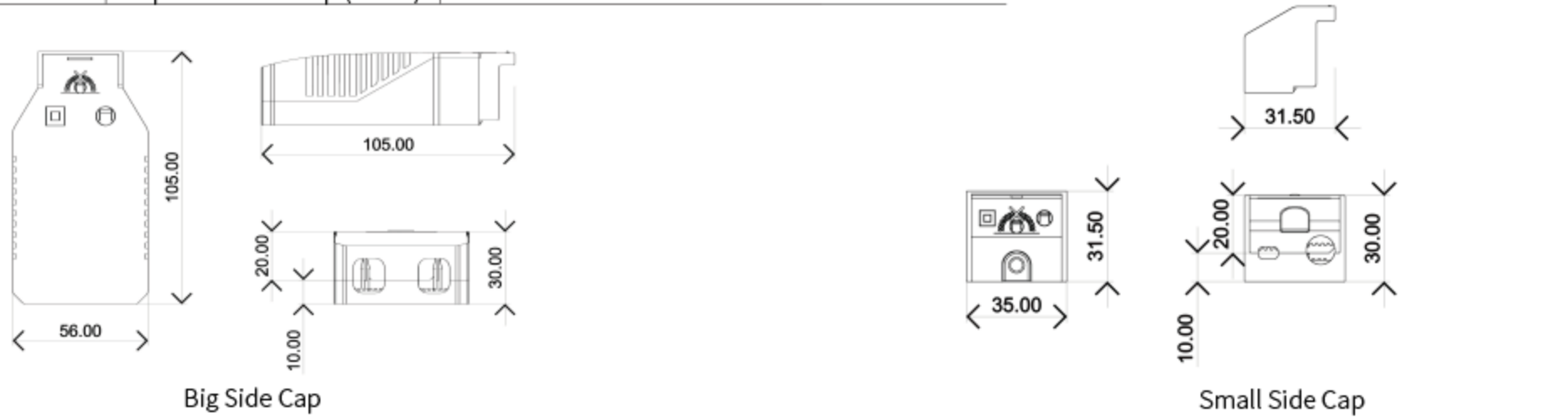


LS-250-48 LX EXC

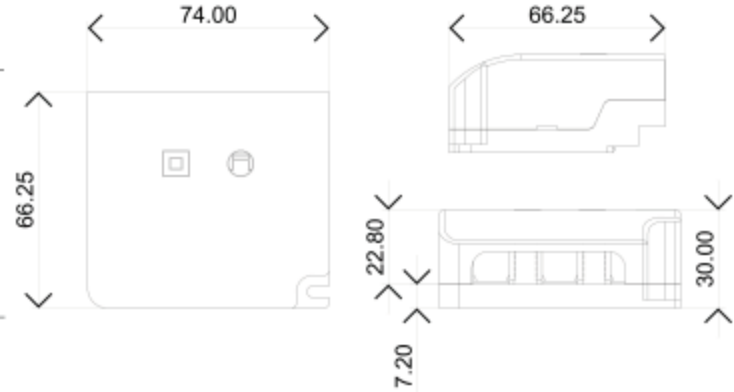
Optional Accessories (Require Additional Order)

Side Caps

Order Number	Description	Suitable for	
132021T0033	Bottom Big Side Cap (White)	FLS-30-700 DALI-2 LD ECO FLS-44-1050 DALI-2 LD ECO FLS-30-700 DALI-2 LD2 FLS-44-1050 DALI-2 LD2	FLS-24-550 LD ECO FLS-30-700 LD ECO FLS-38-900 LD ECO FLS-42-1050 LD ECO
132021T0034-1	Top Big Side Cap (Grey)		
132021T0079-1	Top Big Side Cap (White)		
132021T0035	Bottom Small Side Cap		
132021T0036-1	Top Small Side Cap (Grey)		
132021T0080-1	Top Small Side Cap (White)		

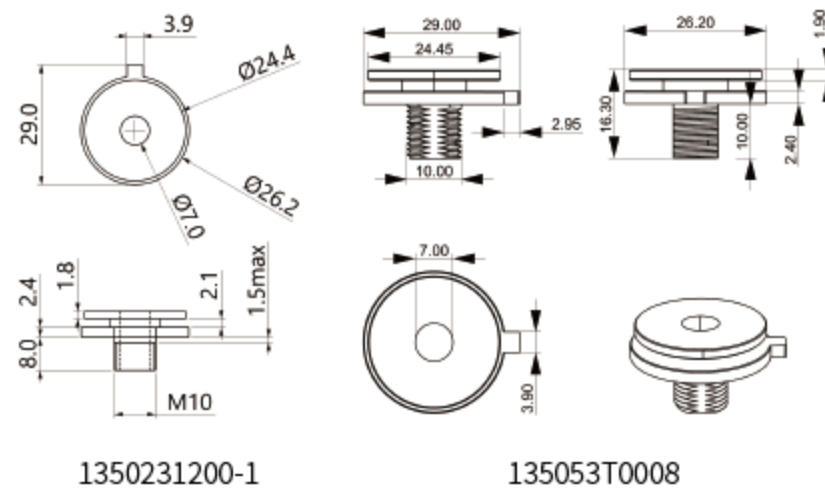


Order Number	Description	Suitable for	
1320211998-1	Top Side Cap (White)	FLS-26-700 DALI-2-DT8 LD FLS-44-1050 DALI-2-DT8 LD	FSS-60-1400 DALI2 LD1 FSS-26-700 DALI-2 D4i LN
	Bottom Side Cap (White)	FSS-60-1700 LD	FSS-44-1050 DALI-2 D4i LN



Nipples

Order Number	Description	Suitable for
1350231200-1	Aluminum, Grey, Size:M10*8	FDS-12-350 DALI-2 LD
		FDS-30-700 DALI-2 LD
		FDS-40-1050 DALI-2 LD
		FDS-21-500 LD1-3 Wires
		FDS-32-800 LD1-3 Wires
135053T0008	Zinc alloy, Grey, Size :M10*10	FDS-42-1050 LD1-3 Wires
		FDS-12-350 LD2
		FDS-21-500 LD2
		FDS-30-700 LD2
		FDS-42-1050 LD2
		FDS-42-1050 LD EXC
		FDS-30-700 LD EXC
		FDS-42-1050 LD ADV



App

EAGLERISE NFC App

Suitable for:

FMS-35-350 N-S DALI-2 LN
FMS-75-600 N-S DALI-2 LN
FMS-100-700 N-S DALI-2 LN
FMS-150-800 N-S DALI-2 LN
FMS-35-350 N-S DALI-2 LN1
FMS-75-600 N-S DALI-2 LN1
FMS-100-700 N-S DALI-2 LN1

Android



IOS



* Bluetooth and Zigbee System also come with Eaglerise's self-developed APP. Please contact our sales for more details.

Old Product Replacement Table

Series Name			Old Version	New Version	
Intelligence	Compact	0-10 V	FLS-12-350 0-10 LA	FLS-15-350 0-10 LA	
			FLS-15-500 0-10 LA	FLS-15-350 0-10 LA	
			FLS-20-700 0-10 LA	FLS-25-600 0-10 LA	
			FLS-30-900 0-10 LA	FLS-25-600 0-10 LA	
			FLS-40-1050 0-10 LA	FLS-44-1050 0-10 LA	
		DALI-2	FLS-25-700 DALI-2 LA	FLS-25-700 DALI-2 LA1	
			FLS-40-1050 DALI-2 LA	FLS-40-1050 DALI-2 LA1	
			FLS-60-1400 DALI-2 LA	FLS-60-1400 DALI-2 LA1	
			FLS-25-700 DALI-2 LS	FLS-25-700 DALI-2 LS1	
	Mini	DALI-2	FLS-40-1050 DALI-2 LS	FLS-40-1050 DALI-2 LS1	
			FLS-60-1400 DALI-2 LS	FLS-60-1400 DALI-2 LS1	
			FLS-26-700 DALI-2 LD	FLS-42-1050 DALI-2 LD ADV	
			FLS-44-1050 DALI-2 LD	FLS-42-1050 DALI-2 LD ADV	
			FSS-60-1400 DALI-2 LD	FSS-60-1400 DALI-2 LD1	
General	Constant Current	Linear	FMS-20-350 N-SELV LD	FMS-20-350 N-S LD EXC	
			FMS-40-350 N-SELV LD	FMS-40-350 N-S LD EXC	
			FMS-60-350 N-SELV LD	FMS-60-350 N-S LD EXC	
			FMS-80-350 N-S LD	FMS-80-350 N-S LD EXC	
			MS-20-350 N-SELV RX	MS-20-350 N-SELV RX1	
			MS-40-XXX N-SELV RX	MS-40-XXX N-SELV RX1	
			MS-60-XXX N-SELV RX	MS-60-XXX N-SELV RX1	
			High Power Factor	LS-8-XXX LI1	LS-8-XXX LI EXC
				LS-12-XXX LI2	LS-12-XXX LI EXC
				LS-20-XXX LI4	LS-20-XXX LI EXC
				LS-40-XXX LI4	LS-40-XXX LI EXC
				LS-12-XXX RI	LS-12-XXX LI EXC
		LS-16-XXX RI		LS-20-XXX LI EXC	
		Low Power Factor	LS-20-XXX RI	LS-20-XXX LI EXC	
			LS-30-XXX RI	LS-40-XXX LI EXC	
			LS-40-XXX RI1	LS-40-XXX LI EXC	
			LS-8-XXX MI	LS-8-XXX LI EXC	
			LS-12-XXX MI	LS-12-XXX LI EXC	
			LS-21-XXX MI	LS-20-XXX LI EXC	
			CH-12-XXX IP65 LB	CH-12-XXX IP65 LB1	
			CH-25-XXX IP65 LB	CH-25-XXX IP65 LB1	
			LS-3-XXX SI	LS-3-XXX SI E	
			LS-6-XXX SI	LS-6-XXX SI E	
			LS-8-XXX SI1	LS-8-XXX SI ECO	
			LS-12-XXX SI1	LS-12-XXX SI ECO	
			LS-20-XXX SI	LS-20-XXX SI ECO	
			Track	FDS-21-500 LD1	FDS-21-500 LD2
				FDS-30-700 LD1	FDS-30-700 LD2
				FDS-42-1050 LD1	FDS-42-1050 LD2
			Constant Voltage	Ultrathin	US-30-XX LI
		US-60-XX LI			US-60-XX LI1
		US-100-XX LI			US-100-XX LI1
		US-160-XX LI			US-160-XX LI1
		Compact		LS-30-XX LI	LS-30-XX LI EXC
				LS-60-XX LI	LS-60-XX LI EXC
				LS-75-XX LI	LS-75-XX LI EXC
				LS-120-XX LI	LS-120-XX LI EXC
				LS-150-XX LI	LS-150-XX LI EXC