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All specification information is subject to change without notification

arcata ARCATA



arcata ARCATA

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产品手册

Specialization
Innovation
and Efficiency



Global Production Network:

- ★ Vietnam Manufacturing Base
- ★ China Manufacturing Base (Domestic)

Our Core Competence:

- Cost-Effective Design
- US Market Expertise
- High-Volume Manufacturing
- Quality Control & Craftsmanship
- Rapid Client Response
- Seamless Team Collaboration
- Established Supply Chain

TABLE OF CONTENTS
目录

A Non-Isolation High-Power Series

B Universal 0-10V Dimming Series

C Constant Voltage Series

D EU-spec Product Series

E Emergency Series

WARRANTY DESCRIPTION
质保说明

Arcata Electronics Inc (hereinafter called "ACT") warrants to the purchaser that its products will be free from defect in material and workmanship and will be of the designated kind and quality for specified warranty periods from the date of manufacture by ACT. This warranty is not applicable to any ballast which is not installed and operated in accordance with the current edition of the National Electric Code (NEC), all applicable state and local codes, and Underwriters' Laboratories, Inc. (UL) standards for safety. This warranty also is not applicable to any electronic ballast not installed and operated in accordance with all applicable American National Standards Institute (ANSI), and ACT's specifications for installation (including, but not limited to, approved OUTDOOR installations) or to any ballast which has been subjected to abnormal operating conditions including, but not limited to, maximum case temperatures marked on the ballast label.

If it appears within five (5) years from the date of manufacture that any ballast does not meet the warranty specified above, the purchaser must notify ACT and claim the requirement and replacement. If ACT confirms that the defects product has not performed in accordance with the terms of this warranty. ACT will either repair or replace the defects product for free at ACT's option. LIMITATIONS OF LIABILITY: under no circumstances, whether as a result of breach of contract, breach of warranty, tort or otherwise, will ACT be liable for consequential. Incidental, special or exemplary damages including , but not limited to , loss of profits, loss of use of or damage to any associated equipment, cost of capital, cost of substitute products, facilities or services, downtime costs, or claims of purchaser's customers.

This Warranty is designated a "LIMITED WARRANTY" pursuant to the Federal Consumer Product Warranties Act. This Warranty is in lieu of all other warranties whether statutory, express, implied, written or oral, including implied warranties of merchantability, suitability or fitness for particular purpose and except as specifically set forth above, no other warranties of any kind, statutory or otherwise are herein expressed.

1	Commercial/ Industry product with case Temp. 75 °C or below	5 years
2	Commercial/ Industry product with case Temp. 90 °C or below	3 years
3	"Residential Only" product	3 years
4	LED driver product with case Temp. 90 °C or below	5 years

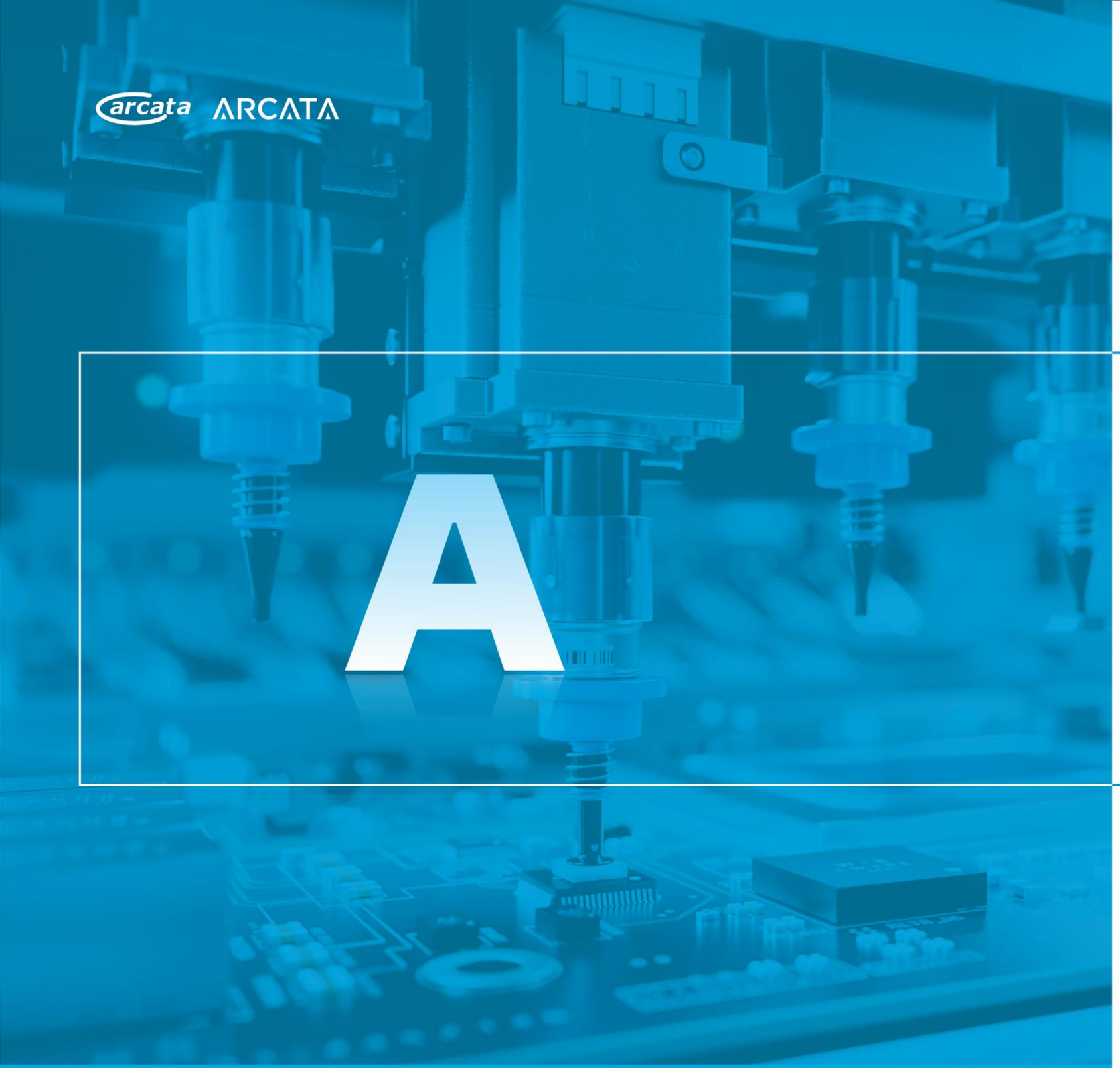
All specification information is subject to change without notification.
See warranty details of specific products in according product specifications.

Catalog number explanation
机种名说明

Model Naming Convention

S	L	a	–	Z	Z	Z		b	K	K	K	K		c		d		e	f	g	h	I	j	k		m		n

SL	Sold Lighting
a	Insulation code，I=Insulation，NI=Non-Insulation
ZZZ	Output Power
b	U=Constant Voltage , I=Constant Current
KKKK	Output Voltage or Current
c	Input Voltage，e.g.120-277=120-277Vac
d	Output Connection，W=Wire，C=Connector
e	Circuit Structure，X=Single stage，Y=Double stage
f	Control function，0=Non，1=0-10V，2=1-10V，3=Triac，4,=Wifi，5=Ble，6=DALI，.....
g	Dimming function，0=Non，1=Stepless，2=2 Step，3=3 Step，.....
h	CCT function，0=Non，1=Stepless，2=2 Step，3=3 Step，.....
i	Sensing function，0=Non，1=Pyroelectric，2=Microwave，.....
j	Other function，0=Non，1=RGB，2=RGBC，3=RGBCW，.....
k	Function Reserved
m	Independent Output Function，S=+12V，.....
n	Sequential Number for Products of the Same Specification



A

Non-Isolation High-Power Series

Dual-Stage Flicker-Free Series
Single-Stage Low-Flicker Series
UFO Dual-Stage Flicker-Free Series
UFO Single-Stage Low-Flicker Series

A-1、Dual-Stage Flicker-Free Series

Features

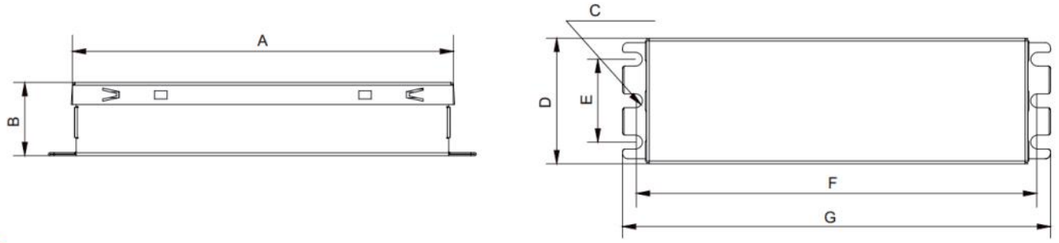
Wide input range 100~305V AC
High PF,high efficiency, low THD
Dual-Stage Flicker-Free
Metal case with IP54
Surge protection with 6KV/6KV
3 in 1 dimming function (Dim to off and Isolation design)
Lead Wires Power Adj
12V Auxiliary Output
Protection functions: OVP/SCP/OCP/OTP
Certified: UL, Class P
Life time >50,000 hrs. and 5 years warranty



Applications

Mining Lighting
Flood Lighting
High-Mast Lighting
High Bay
Stadium Lighting
Three-Proof Lighting
Wall Lighting

Model	Power	Casing	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
							G	D	B
SLNI 100-IZZZZ 120-277W Y 130000 S A	100W	Iron	120-277Vac	≥0.9	160-260V	385-1000mA	160	51.5	33
SLNI 125-I500 100-277W X100000 A1	125W	Iron	120-277Vac	≥0.9	160-260V	500mA	160	60	30
SLNI 150-IZZZZ 120-277W Y 130000 S A	150W	Iron	120-277Vac	≥0.9	160-260V	385-1000mA	160	51.5	33
SLNI 150-I600 100-277W X100000 A1	150W	Iron	120-277Vac	≥0.9	160-260V	600mA	160	60	30
SLNI 200-IZZZZ 120-277W Y 130000 S A	200W	AL	120-277Vac	≥0.9	160-260V	780-1500mA	198	52.5	33.5
SLNI 200-I800 100-277W X 100000 A1	200W	Iron	120-277Vac	≥0.9	160-260V	800mA	160	60	30
SLNI 250-IZZZZ 120-277W Y 130000 S A	250W	AL	120-277Vac	≥0.9	160-260V	780-1500mA	198	52.5	33
SLNI 300-IZZZZ 120-277W Y 130000 S A	300W	Iron	120-277Vac	≥0.9	160-260V	1150-2000mA	261	58.5	34.5
SLNI 350-IZZZZ 120-277W Y 130000 S A	350W	Iron	120-277Vac	≥0.9	210-360V	1150-2000mA	261	58.5	34.5
SLNI 400-IZZZZ 120-277W Y 130000 S A	400W	Iron	120-277Vac	≥0.9	210-360V	1150-2000mA	261	58.5	34.5



A-2、Single-Stage Low-Flicker Series

Features

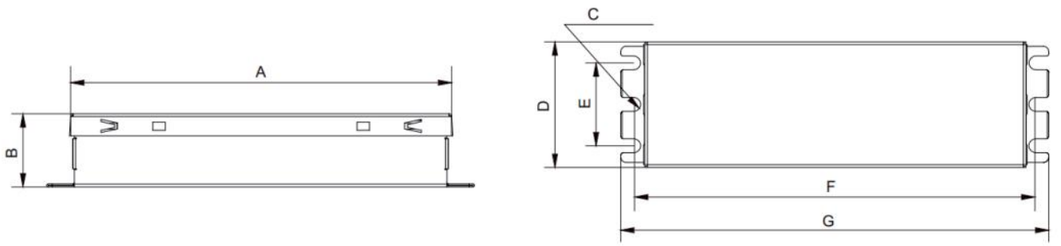
Wide input range 100~305V AC
High PF,high efficiency, low THD
Low-Flicker: < 30%
Metal case with IP54
Surge protection with 4KV/6KV
3 in 1 dimming function (Dim to off and Isolation design)
Lead Wires Power Adj
Lux Sensing Dimming Function
12V Auxiliary Output
Protection functions: OVP/SCP/OCP/OTP
Certified: UL Class P
Life time >50,000 hrs. and 5 years warranty



Applications

Mining Lighting
Flood Lighting
High-Mast Lighting
High Bay
Stadium Lighting
Three-Proof Lighting
Wall Lighting

Model	Power	Casing	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
							G	D	B
SLNI 60-IZZZZ 120-277 W X130100 S A	60W	Iron	120-277Vac	≥0.9	80-130V	300-800mA	140	42.5	33
SLNI 80-IZZZZ 120-277 W X130100 S A	80W	Iron	120-277Vac	≥0.9	80-130V	780-1500mA	140	42.5	33
SLNI 100-IZZZZ 120-277 W X130100 S A	100W	Iron	120-277Vac	≥0.9	80-130V	800-1200mA	152	51.5	33
SLNI 120-IZZZZ 120-277 W X130100 S A	120W	Iron	120-277Vac	≥0.9	80-130V	800-1200mA	152	51.5	33
SLNI 150-IZZZZ 120-277 W X130100 S A	150W	Iron	120-277Vac	≥0.9	80-130V	800-1200mA	152	51.5	33



A-3、UFO Dual-Stage Flicker-Free Series

Features

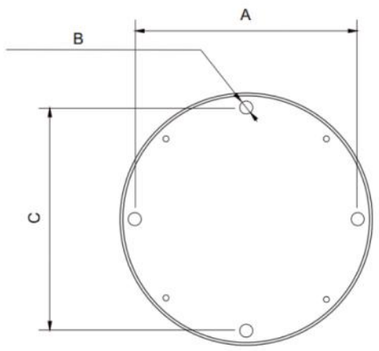
Wide input range 100~305V AC
High PF,high efficiency, low THD
Dual-Stage Flicker-Free
Metal case with IP67, suitable for outdoor application
Surge protection with 6KV/6KV
3 in 1 dimming function (Dim to off and Isolation design)
Built-in 3-Power Adj Switch and 3-CCT Adj Switch
Lead Wires Power Adj
12V Auxiliary Output
Protection functions: OVP/SCP/OCP/OTP
Certified: UL, Class P
Life time >50,000 hrs. and 5 years warranty

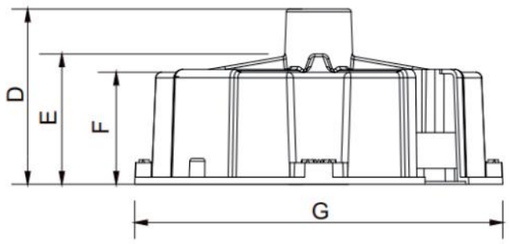


Applications

UFO-Shaped Lighting

Model	Power	Casing	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
							G	D	B
SLNI 150-IZZZZ 120-277 W Y133100 S A	150W	Iron	120-277Vac	≥0.9	160-260V	300-750mA	128	61	/
SLNI 200-IZZZZ 120-277 W Y133100 S A	200W	Iron	120-277Vac	≥0.9	160-260V	550-1250mA	150	61	/
SLNI 250-IZZZZ 120-277 W Y133100 S A	250W	Iron	120-277Vac	≥0.9	160-260V	780-1500mA	150	61	/





A-4、Single-Stage Low-Flicker Mini Series

Features

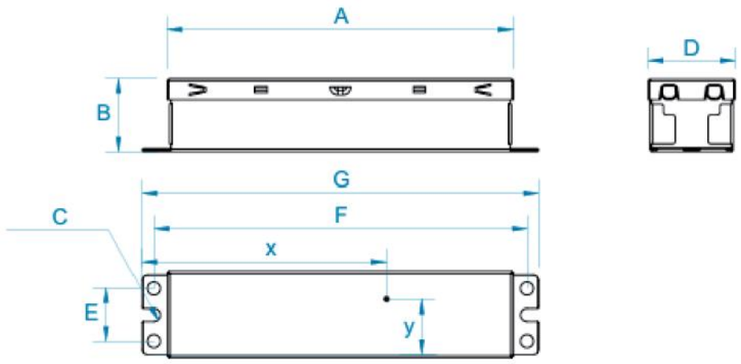
Wide input range 100~305V AC
High PF,high efficiency,low THD
Low-Flicker:<30%
Metal case with IP54
Surge protection with 2KV/2KV
3 in 1 dimming function(Dim to off and Isolation design)
Lead Wires Power Adj
12V Auxiliary Output
Protection functions: OVP/SCP/OCP/OTP
Certified: UL/Class P/ CE/ CB
Life time > 50,000 hrs, and 5 years warranty

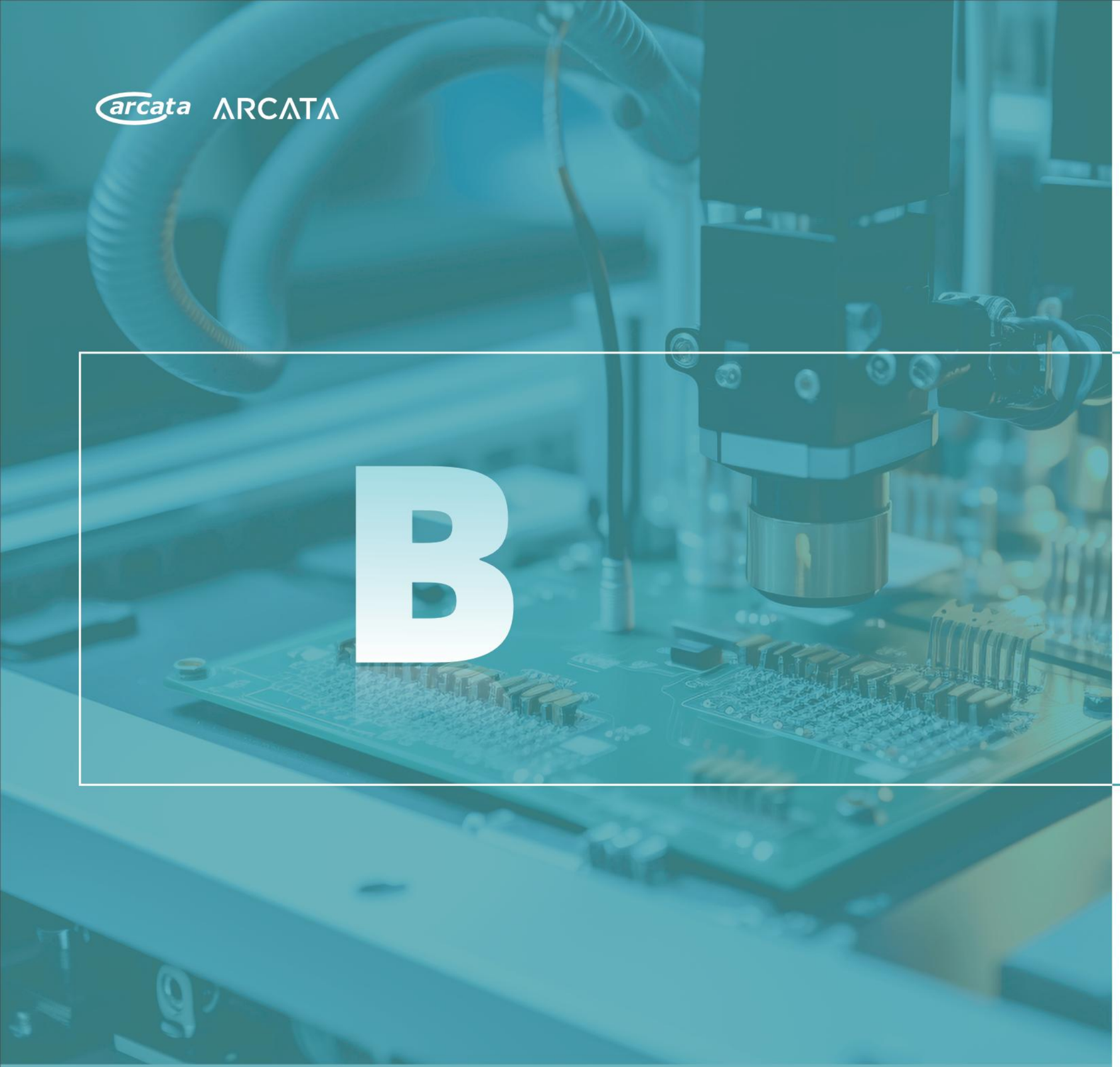


Applications

Mining Lighting
Flood Lighting
High-Mast Lighting
High Bay
Stadium Lighting
Three-Proof Lighting
Wall Lighting

Model	Power	Casing	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
							G	D	B
SLNI 30-I230 100-277W X100000 A4	30W	Iron	120-277Vac	≥0.9	90-130V	230mA	100	40	30
SLNI 50-I380 100-277W X100000 A4	50W	Iron	120-277Vac	≥0.9	90-130V	380mA	100	40	30
SLNI 70-I540 100-277W X100000 A4	70W	Iron	120-277Vac	≥0.9	90-130V	540mA	130	50	30
SLNI 100-I770 100-277W X 100000 A4	100W	Iron	120-277Vac	≥0.9	90-130V	770mA	130	50	30





B

Universal 0-10V Dimming Series

Thin-Long 0-10V Dimming Isolated Series
Thin-Long 0-10V Dimming Non-Isolated Series
Standard 0-10V Dimming Isolated Series
Built-in Switch 0-10V Dimming Isolated Series

B-1、Thin-Long 0-10V Dimming Isolated Series

Features

Wide input range 100~305V AC
High PF,high efficiency, low THD
Dual-Stage Flicker-Free
Isolated Class 2 Output
Metal case with IP20
Surge protection with 2KV/2KV
3 in 1 dimming function (Dim to off and Isolation design)
Built-in 8-Power Adj Switch
Lead Wires Power Adj
12V Auxiliary Output
Protection functions: OVP/SCP/OCP/OTP
Certified: UL, Class P
Life time >50,000 hrs. and 5 years warranty

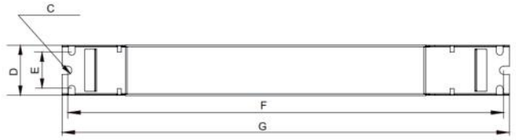


Applications

Linear Lighting
Bracket Lighting
Three-Proof Lighting
Panel Lighting
Ceiling Lighting
Pendant Lighting

Model	Power	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
						G	D	B
SLI 23-I590 120-277 C D1S + D3XD3 N1	23W	120-277Vac	≥0.9	24-38V	590mA	198	36	21
SLI 35-I960 120-277 C D1S + D3XD3 N1	35W	120-277Vac	≥0.9	24-38V	960mA	198	36	21
SLI 56-I1560 120-277 C D1S + D3XD3 N2	60W	120-277Vac	≥0.9	24-38V	1560mA	360	30	20
SLI 75-I2080 120-277 C D1S + D3XD3 N2	80W	120-277Vac	≥0.9	24-38V	2080mA	360	30	20
SLI 20-I515 100-277 C D5 N3	20W	100-347Vac	≥0.9	20-38V	600mA	193	26.5	30
SLI 30-I782 100-277 C D5 N4	30W	100-347Vac	≥0.9	20-38V	800mA	223	26.5	30
SLI 40-I1050 100-277 C D5 N4	40W	100-347Vac	≥0.9	20-38V	1000mA	223	26.5	30
SLI 60-I1582 100-277 C D5 N5	60W	100-347Vac	≥0.9	20-38V	1600mA	350	26.5	25.5
SLI 80-I2133 100-277 C D5 N5	80W	100-347Vac	≥0.9	20-38V	2200mA	350	26.5	25.5
SLI 96-I2667 100-277 C D5 N6	100W	100-347Vac	≥0.9	20-38V	2600mA	350	32.5	25.5





B-2、Thin-Long 0-10V Dimming Non-Isolated Series

Features

Wide input range 100~305V AC
High PF,high efficiency, low THD
Low-Flicker: < 30%
Metal case with IP20
Surge protection with 2KV/4KV
3 in 1 dimming function (Dim to off and Isolation design)
Lead Wires Power Adj
Lux Sensing Dimming Function
12V Auxiliary Output
Protection functions: OVP/SCP/OCP/OTP
Certified: UL, Class P
Life time >50,000 hrs. and 5 years warranty

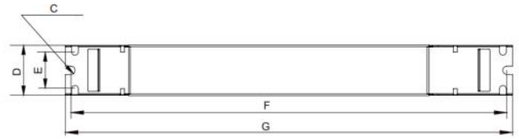


Applications

Linear Lighting
Bracket Lighting
Three-Proof Lighting
Panel Lighting
Ceiling Lighting
Pendant Lighting

Model	Power	Input Voltage	PF	Output Voltage	Output Current	Size (mm)		
						G	D	B
SLNI 30-IZZZZ 120-277 C X130100 S A	30W	120-277Vac	≥0.9	50-150V	200-700mA	223	26.5	30
SLNI 60-IZZZZ 120-277 C X130100 S B	60W	120-277Vac	≥0.9	50-150V	300-1000mA	350	26.5	25.5
SLNI 100-IZZZZ 120-277 C X130100 S B	100W	120-277Vac	≥0.9	50-150V	500-1000mA	350	32.5	25.5





B-3、Standard 0-10V Dimming Isolated Series

Features

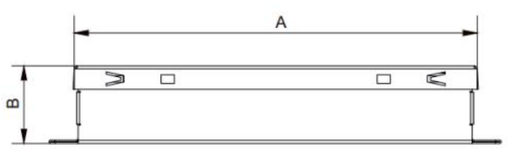
Wide input range 100~380V AC
High PF,high efficiency, low THD
Dual-Stage Flicker-Free
Isolated Class 2 Output
Metal case with IP54
Surge protection with 1KV/2KV
3 in 1 dimming function (Dim to off and Isolation design)
Lead Wires Power Adj
12V Auxiliary Output
Protection functions: OVP/SCP/OCP/OTP
Certified： UL, Class P
Life time >50,000 hrs. and 5 years warranty

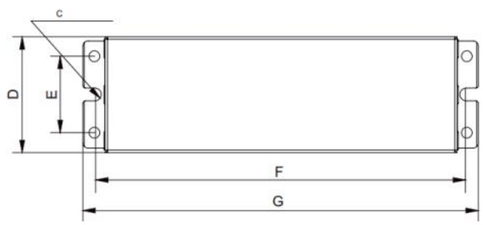


Applications

Linear Lighting
Bracket Lighting
Three-Proof Lighting
Panel Lighting
Ceiling Lighting
Pendant Lighting

Model	Power	Input Voltage	PF	Output Voltage	Output Current	Size（mm）		
						G	D	B
SLI PP-IZZZZ 120-277 W Y130000 A	15-60W	120-277Vac	≥0.9	20-48V	300-1200mA	154	33	28
SLI PP-IZZZZ 120-347 W Y130000 A	15-60W	120-347Vac	≥0.9	20-48V	300-1200mA	154	33	28
SLI PP-IZZZZ 120-277 W Y130000 A	30-70W	120-277Vac	≥0.9	20-48V	400-1600mA	155	45	27
SLI PP-IZZZZ 120-347 W Y130000 A	30-70W	120-347Vac	≥0.9	20-48V	400-1600mA	155	45	27
SLI PP-IZZZZ 120-277 W Y130000 A	40-96W	120-277Vac	≥0.9	20-48V	400-2000mA	242	33.2	28
SLI PP-IZZZZ 120-347 W Y130000 A	40-96W	120-347Vac	≥0.9	20-48V	400-2000mA	242	33.2	28
SLI PP-IZZZZ 120-277 W Y130000 A	100-120W	120-277Vac	≥0.9	20-48V	2000-2500mA	242	44.5	30
SLI PP-IZZZZ 120-347 W Y130000 A	100-120W	120-347Vac	≥0.9	20-48V	2000-2500mA	242	44.5	30

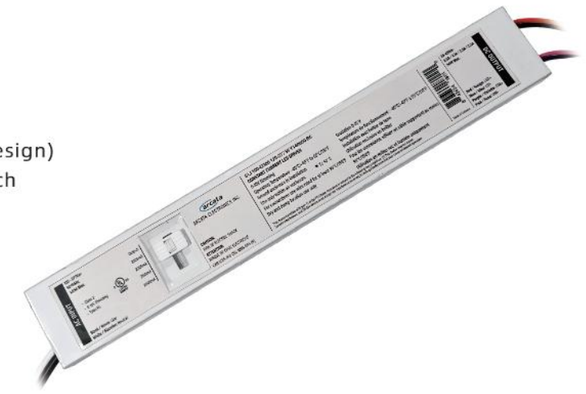




B-5、Constant Current DIP-Switch Series

Features

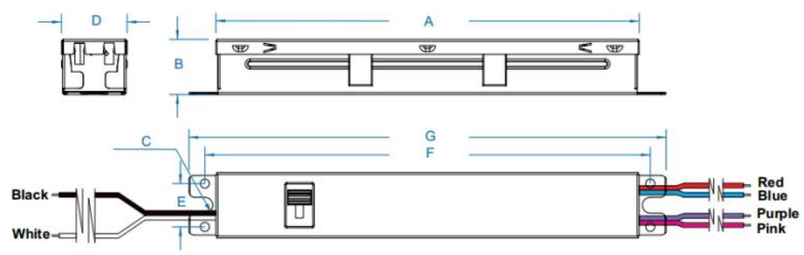
Wide input range 120-277Vac
High PF, high efficiency, low THD
Single stage low flicker <30%
Isolation class2 output
Metal case
Surge protection with 1KV/2KV
3 in 1 dimming function(Dim to off and Isolation design)
4-level current output can be realized by DIP-switch
Certified： UL, Class P
Protection function: OVP/SCP/OCP
Life time > 50,000 hrs and 5 years warranty



Applications

Linear Lighting
Bracket Lighting
Three-Proof Lighting

Model	Power	Input Voltage	PF	Output Voltage	Output Current	Size（mm）		
						G	D	B
SLI15-I300 120-277 W Y140000 B5	15W	120-277Vac	≥0.9	30-54V	300mA	127	33	24
SLI15-I350 120-277W Y140000 B5	15W	120-277Vac	≥0.9	20-42V	350mA	127	33	24
SLI25-I450 120-277W Y140000 B5	25W	120-277Vac	≥0.9	30-54V	450mA	127	33	24
SLI25-I600 120-277W Y140000 B5	25W	120-277Vac	≥0.9	20-42V	600mA	127	33	24
SLI35-I650 120-277W Y140000 B5	35W	120-277Vac	≥0.9	30-54V	650mA	150	33	28
SLI35-I850 120-277W Y140000 B5	35W	120-277Vac	≥0.9	20-42V	850mA	150	33	28
SLI45-I850 120-277W Y140000 B5	45W	120-277Vac	≥0.9	30-54V	850mA	150	33	28
SLI45-I1100 120-277W Y140000 B5	45W	120-277Vac	≥0.9	20-42V	1100mA	150	33	28
SLI75-I1400 120-277W Y150000 B5	75W	120-277Vac	≥0.9	30-54V	1400mA	242	33.5	28
SLI75-I1700 120-277W Y150000 B5	75W	120-277Vac	≥0.9	20-42V	1700mA	242	33.5	28
SLI100-I1800 120-277W Y150000 B5	96W	120-277Vac	≥0.9	30-54V	1800mA	242	33.5	28
SLI100-I2300 120-277W Y150000 B5	96W	120-277Vac	≥0.9	20-42V	2300mA	242	33.5	28



C

Constant Voltage Series

Standard Constant Voltage Series
High efficiency Constant Voltage Series
Constant Voltage Dimming Series
IP67 Constant Voltage Dimming Series

C-1、Standard Constant Voltage Series

Features

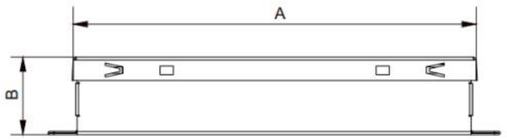
Wide input range 100~305V AC
High PF,high efficiency, low THD
Isolated Class 2 Output
Metal case with IP54
Surge protection with 2KV/2KV
Protection functions: OVP/SCP/OCP/OTP
Certified： UL, Class P
Life time >50,000 hrs. and 5 years warranty

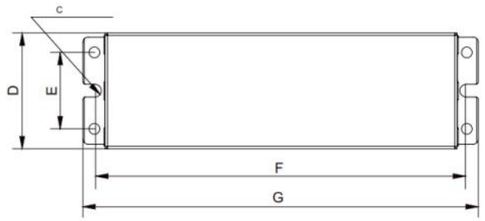


Applications

Commercial Lighting
Home Lighting

Model	Power	IP Rating	Input Voltage	PF	Output Voltage	Output Current	Size（mm）		
							G	D	B
SL 60-U12 120-277 W A	60W	IP54	120-277Vac	≥0.9	12V	5000mA	155	45	26.5
SL 60-U24 120-277 W M	60W	IP54	120-277Vac	≥0.9	24V	2500mA	155	45	26.5
SL 80-U24 120-277 W A	80W	IP54	120-277Vac	≥0.9	24V	3300mA	242	44.5	30
SL 100-U24 120-277 W S	100W	IP54	120-277Vac	≥0.9	24V	4000mA	242	44.5	30
SLI 80-U12 120-277 W B	80W	IP54	120-277Vac	≥0.9	12V	6600mA	242	33.2	28
SLI 80-U24 120-277 W B	80W	IP54	120-277Vac	≥0.9	24V	3300mA	242	33.2	28
SLI 100-U12 120-277 W B	100W	IP54	120-277Vac	≥0.9	12V	8000mA	242	33.2	28
SLI 100-U24 120-277 W B	100W	IP54	120-277Vac	≥0.9	24V	4000mA	242	33.2	28





C-2、High Efficiency Constant Voltage Series

Features

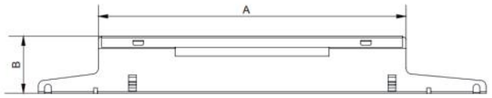
Wide input range 100~305V AC
High efficiency, > 93%
High PF, low THD
Isolated Class 2 Output
Metal case with IP20
Smaller width and smaller height
Surge protection with 2KV/2KV
Protection functions: OVP/SCP/OCP/OTP
Certified： UL, Class P
Life time >50,000 hrs. and 5 years warranty

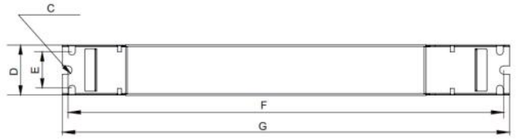


Applications

Commercial Lighting
Home Lighting

Model	Power	IP Rating	Input Voltage	PF	Output Voltage	Output Current	Size（mm）		
							G	D	B
SLI 80-U12 120-277 C H	80W	IP20	120-277Vac	≥0.9	12V	6600mA	350	26.5	25.5
SLI 80-U24 120-277 C H	80W	IP20	120-277Vac	≥0.9	24V	3300mA	350	26.5	25.5
SLI 100-U12 120-277 C H	100W	IP20	120-277Vac	≥0.9	12V	8000mA	350	26.5	25.5
SLI 100-U24 120-277 C H	100W	IP20	120-277Vac	≥0.9	24V	4000mA	350	26.5	25.5





C-3、Constant Voltage Dimming Series

Features

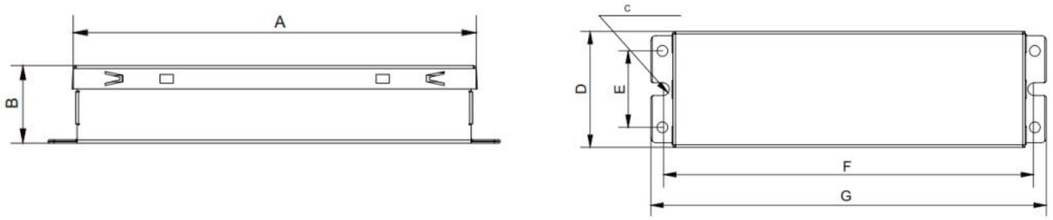
Wide input range 100~305V AC
High PF,high efficiency, low THD
3 in 1 dimming function (Dim to off and Isolation design)
Isolated Class 2 Output
Metal case with IP54
Surge protection with 2KV/2KV
Protection functions: OVP/SCP/OCP/OTP
Certified： UL, Class P
Life time >50,000 hrs. and 5 years warranty



Applications

Commercial Lighting
Home Lighting

Model	Power	IP Rating	Input Voltage	PF	Outpu Voltage	Output Current	Size（mm）		
							G	D	B
SLI 80-U12 120-277 W Y1000000 C3	80W	IP20	120-277Vac	≥0.9	12V	6600mA	242	44.5	30
SLI 80-U24 120-277 W Y1000000 C3	80W	IP20	120-277Vac	≥0.9	24V	3300mA	242	44.5	30
SLI 100-U12 120-277 W Y1000000 C3	100W	IP20	120-277Vac	≥0.9	12V	8000mA	242	44.5	30
SLI 100-U24 120-277 W Y1000000 C3	100W	IP20	120-277Vac	≥0.9	24V	4000mA	242	44.5	30



C-4、IP67 Constant Voltage Slim Elongated Series

Features

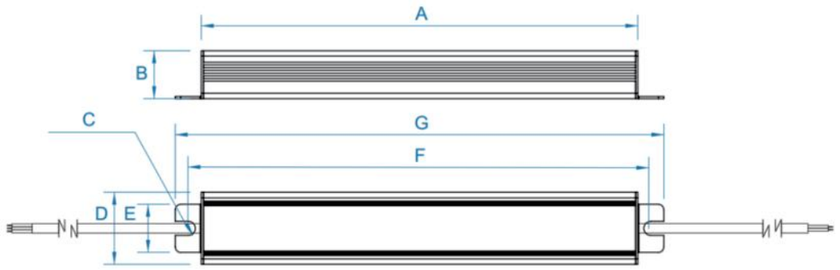
Wide input range 100-277V AC
High PF, high efficiency, low THD
Dual-Stage low line-frequency ripple
Isolation class2 output
Metal case with IP67
Surge protection with 6KV/6KV
Certified: CB, CE, UL, Class P
Protection functions: OVP/SCP/OCP
Life time >70,000 hrs. and 5 years warranty



Applications

Commercial Lighting
Home Lighting

Model	Power	Casing	IP Rating	Input Voltage	PF	Outpu Voltage	Output Current	Size（mm）		
								G	D	B
SLI 20-U12 100-277 W Y000000 C4	20W	AL	IP67	100-277Vac	≥0.9	12V	1670mA	191	33	22
SLI 20-U24 100-277 W Y000000 C4	20W	AL	IP67	100-277Vac	≥0.9	24V	835mA	191	33	22
SLI 30-U12 100-277 W Y000000 C4	30W	AL	IP67	100-277Vac	≥0.9	12V	2500mA	191	33	22
SLI 30-U24 100-277 W Y000000 C4	30W	AL	IP67	100-277Vac	≥0.9	24V	1250mA	191	33	22
SLI 36-U12 100-277 W Y000000 C4	36W	AL	IP67	100-277Vac	≥0.9	12V	3000mA	191	33	22
SLI 36-U24 100-277 W Y000000 C4	36W	AL	IP67	100-277Vac	≥0.9	24V	1670mA	191	33	22
SLI 60-U12 100-277 W Y000001 C4	60W	AL	IP67	100-277Vac	≥0.9	12V	5000mA	269	33	22
SLI 60-U24 100-277 W Y000001 C4	60W	AL	IP67	100-277Vac	≥0.9	24V	2500mA	269	33	22
SLI 100-U12 100-277W Y000001 C4	100W	AL	IP67	100-277Vac	≥0.9	12V	8320mA	332	33	22
SLI 100-U24 100-277W Y000001 C4	100W	AL	Ip67	100-277Vac	≥0.9	24V	4000mA	332	33	22



C-6、IP67 Constant Voltage Standard Series

Features

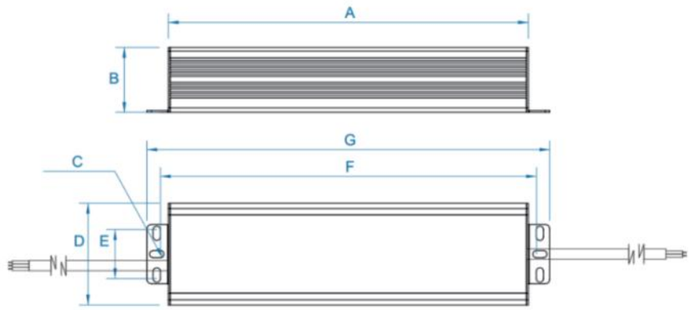
Wide input range 100-277V AC
High PF, high efficiency, low THD
Dual-Stage low line-frequency ripple
Isolation output
Metal case with IP67
Surge protection with 6KV/6KV
Certified: UL, Class P
Protection functions: OVP/SCP/OCP
Life time >70,000 hrs. and 5 years warranty



Applications

Commercial Lighting
Home Lighting

Model	Power	IP Rating	Input Voltage	PF	Outpu Voltage	Output Current	Size (mm)		
							G	D	B
SLI 60-U12 100-277 W C6	60W	IP67	100-277Vac	≥0.9	12V	5000mA	154	56.5	36
SLI 60-U24 100-277 W C6	60W	IP67	100-277Vac	≥0.9	24V	2500mA	154	56.5	36
SLI 100-U12 100-277W C6	100W	IP67	100-277Vac	≥0.9	12V	8320mA	174	56.5	36
SLI 100-U24 100-277W C6	100W	IP67	100-277Vac	≥0.9	24V	4160mA	174	56.5	36
SLI 150-U12 100-277W C6	150W	IP67	100-277Vac	≥0.9	12V	12500mA	194	56.5	36
SLI 150-U24 100-277W C6	150W	IP67	100-277Vac	≥0.9	24V	6250mA	194	56.5	36
SLI 240-U12 100-277W C6	240W	IP67	100-277Vac	≥0.9	12V	20000mA	244	56.5	36
SLI 240-U24 100-277W C6	240W	IP67	100-277Vac	≥0.9	24V	10000mA	244	56.5	36
SLI 350-U12 100-277W C6	350W	IP67	100-277Vac	≥0.9	12V	292000mA	274	56.5	36
SLI 350-U24 100-277W C6	350W	IP67	100-277Vac	≥0.9	24V	146000mA	274	56.5	36



C-8、IP67 Constant Voltage Independent Outputs Series

Features

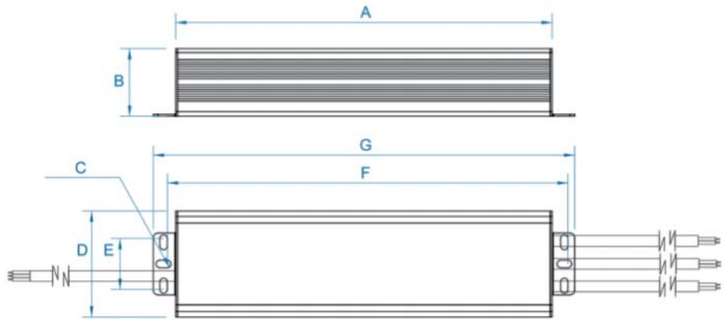
Wide input range 100-277V AC
High PF, high efficiency, low THD
Dual-Stage low line-frequency ripple
Isolation class2 output
3 sets of independent outputs
Metal case with IP67
Surge protection with 6KV/6KV
Certified: UL, Class P
Protection functions: OVP/SCP/OCP
Life time >70,000 hrs. and 5 years warranty



Applications

Commercial Lighting
Home Lighting

Model	Power	IP Rating	Input Voltage	PF	Outpu Voltage	Output Current	Size (mm)		
							G	D	B
SLI 180 U12 100-277 W C8	180W	IP67	100-277Vac	≥0.9	12V	5000mA*3	229	75	32
SLI 300 U24 100-277W C8	300W	Ip67	100-277Vac	≥0.9	24V	4160mA*3	285	75	32



C-9、Non-dimming Constant Voltage Drivers with Junction Box

Features

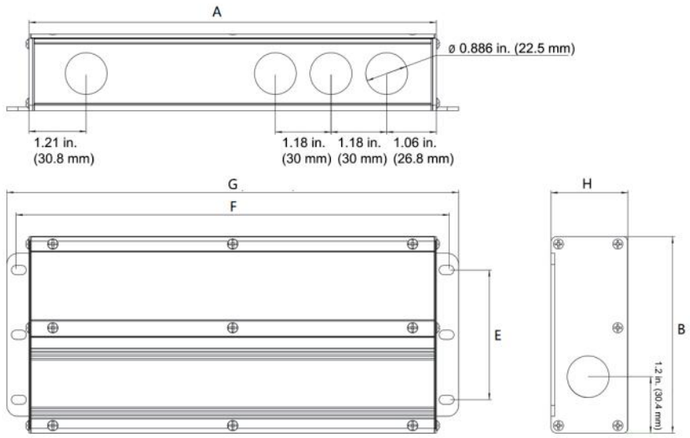
Wide input range 120-277Vac
High PF, low THD
Flicker free
Isolation Class2 output
Protection functions:SCP/OCP/OVP
Metal case with IP65 waterproof
Life time > 50,000 hrs, and 5 years warranty



Applications

Commercial Lighting
Home Lighting

Model	Power	IP Rating	Input Voltage	PF	Outpu Voltage	Output Current	Size (mm)		
							G	D	B
SLI 60 U24 100-277 W C9	60W	IP65	100-277Vac	≥0.9	24V	2.5A	220	95	38
SLI 96 U24 100-277 W C9	96W	IP65	100-277Vac	≥0.9	24V	4A	220	95	38
SLI 192 U24 100-277 W C9	192W	IP65	100-277Vac	≥0.9	24V	4A/ Channel 8A Total	293	124	40
SLI 288 U24 100-277 W C9	288W	Ip65	100-277Vac	≥0.9	24V	4A/ Channel 12A Total	293	124	40



C-10、0/1-10V/ELV/MLV/PWM/Potentiometer 5 IN 1 Dimming Drivers

Features

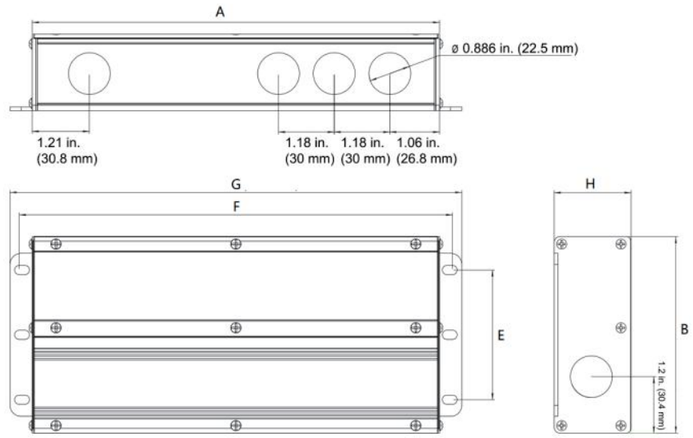
Wide input range 120-277Vac
Dimming: 0-10V, TRIAC, ELV/MLV, PWM
High PF, low THD
Flicker free
Isolation Class2 output
Protection functions: SCP/OCP/OVP
Metal case with IP65 waterproof
Life time > 50,000 hrs, and 5 years warranty



Applications

Commercial Lighting
Home Lighting

Model	Power	IP Rating	Input Voltage	PF	Outpu Voltage	Output Current	Size (mm)		
							G	D	B
SLI 60 U24 100-277 W Y 100000 C10	60W	IP65	100-277Vac	≥0.9	24V	2.5A	220	95	38
SLI 96 U24 100-277 W Y 100000 C10	96W	IP65	100-277Vac	≥0.9	24V	4A	220	95	38
SLI 192 U24 100-277 W Y 100000 C10	192W	IP65	100-277Vac	≥0.9	24V	4A/ Channel 8A Total	293	124	40
SLI 288 U24 100-277 W Y 100000 C10	288W	Ip65	100-277Vac	≥0.9	24V	4A/ Channel 12A Total	293	124	40





D

EU-spec Product Series

EU-spec Plastic Casing Product Series

EU-spec Iron Casing Product Series

D-1、EU-spec Plastic Casing Product Series

Features

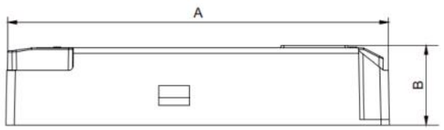
Wide input range 198~264V AC
High PF,high efficiency, low THD
Dual-Stage Flicker-Free
SELV Output
8-level current output can be realized by DIP-switch
3CCT by DIP-switch，e.g.4000K-5000K-6500K
Protection functions: OVP/SCP/OCP/OTP
Certified：CE,ENEC,UKCA
Life time >50,000 hrs. and 5 years warranty

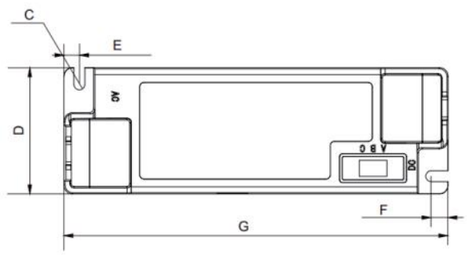


Applications

Panel Lighting
Ceiling Lighting

Model	Power	Input Voltage	PF	Outpu Voltage	Output Current	Function	Size（mm）		
							G	D	B
SLI 40-IZZZZ 220-240 C Y000000 A	40W	220-240Vac	≥0.9	20-40V	1200mA	/	137	45	28
SLI 40-IZZZZ 220-240 C Y080000 A	40W	220-240Vac	≥0.9	20-40V	1200mA	8-level current	137	45	28
SLI 40-IZZZZ 220-240 C Y003000 A	40W	220-240Vac	≥0.9	20-40V	1200mA	3 CCT	137	45	28
SLI 40-IZZZZ 220-240 C Y083000 A	40W	220-240Vac	≥0.9	20-40V	1200mA	8-level current 3 CCT	137	45	28





D-2、EU-spec Iron Casing Product Series

Features

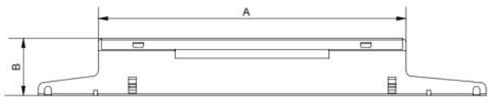
Wide input range 198~264V AC
High PF,high efficiency, low THD
Dual-Stage Flicker-Free
Non-Isolation output
4-level current output can be realized by DIP-switch
3CCT by DIP-switch，e.g.4000K-5000K-6500K
Protection functions: OVP/SCP/OCP/OTP
Certified：CE,ENEC,UKCA
Life time >50,000 hrs. and 5 years warranty

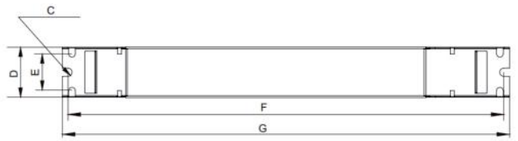


Applications

Linear Lighting
Panel Lighting
Ceiling Lighting

Model	Power	Input Voltage	PF	Outpu Voltage	Output Current	Function	Size（mm）		
							G	D	B
SLNI 20-IZZZZ 220-240 C Y043000 A	20W	220-240Vac	≥0.9	25-70V	350mA	4-level current 3 CCT	160	30	21.5
SLNI 40-IZZZZ 220-240 C Y043000 A	40W	220-240Vac	≥0.9	50-140V	350mA	4-level current 3 CCT	195	30	21.5
SLI 60-IZZZZ 220-240 C Y043000 A	60W	220-240Vac	≥0.9	80-200V	350mA	4-level current 3 CCT	195	30	21.5





E

Emergency Series

Low-Voltage Emergency Discrete Series
Low-Voltage Emergency Integrated Series
High-Voltage Emergency Discrete Series
High-Voltage Emergency Integrated Series

E-1、Low-Voltage Emergency Discrete Series

Features

Wide input range 100~380V AC
External $LiFePO_4$ and TLB optional
Over charge protection, over discharge protection,and short circuit protection.
Indicator shows a variety working modes
Intelligent emergency automatic detection function,selftest function
Emergency time 90 minutes
Metal case with IP20
Certified： UL924, FCC,ENEC
Life time >50,000 hrs. and 5 years warranty



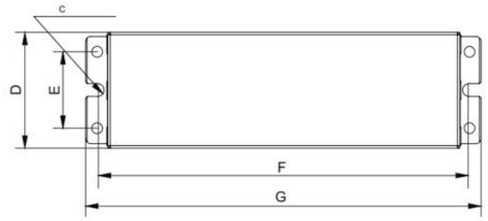
Applications

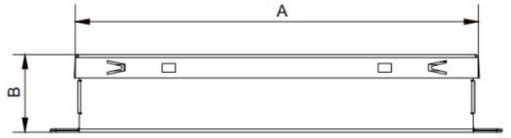
Commercial Lighting
Home Lighting

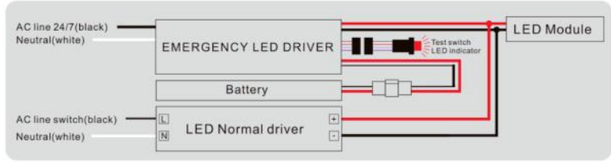
Model	Power	IP Rating	Input Voltage	PF	Outpu Voltage	Output Current	Size（mm）		
							G	D	B
EM-0525-CP-L-UL-5W	5W	IP20	120-347Vac	≥0.9	15-50V	350mA	177	32	19.5
EM-0525-CP-L-UL-8W	8W	IP20	120-347Vac	≥0.9	15-50V	550mA	177	32	19.5
EM-0525-CP-L-UL-16W	16W	IP20	120-347Vac	≥0.9	15-50V	1050mA	177	32	19.5
EM-0525-CP-L-UL-20W	20W	IP20	120-347Vac	≥0.9	25-50V	800mA	177	32	19.5

Model	Power	IP Rating	Input Voltage	PF	Outpu Voltage	Output Current	Size（mm）		
							G	D	B
EM-0525-CP-L-ENEC-5W	5W	IP20	220-240Vac	≥0.9	15-50V	350mA	177	32	19.5
EM-0525-CP-L-ENEC-8W	8W	IP20	220-240Vac	≥0.9	15-50V	550mA	177	32	19.5
EM-0525-CP-L-ENEC-16W	16W	IP20	220-240Vac	≥0.9	15-50V	1050mA	177	32	19.5
EM-0525-CP-L-ENEC-20W	20W	IP20	220-240Vac	≥0.9	25-50V	800mA	177	32	19.5

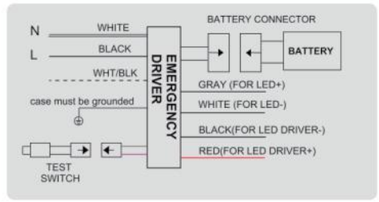
Model	Power	IP Rating	Input Voltage	PF	Outpu Voltage	Output Current	Size（mm）		
							G	D	B
EM-0825-010/105-P2 (1000mAH)	5W	IP20	120-347Vac	≥0.9	11-56V	300mA	150	45	25
EM-0825-010/105-P2 (1500mAH)	8W	IP20	120-347Vac	≥0.9	11-56V	450mA	150	45	25
EM-0825-010/105-P2 (2000mAH)	12W	IP20	120-347Vac	≥0.9	11-56V	600mA	150	45	25
EM-0825-010/105-P2 (3000mAH)	16W	IP20	120-347Vac	≥0.9	11-56V	900mA	150	45	25
EM-0825-010/105-P2 (6000mAH)	25W	IP20	220-240Vac	≥0.9	11-56V	1050mA	150	45	25







Wiring Diagram for Serial Numbers 1-8



Wiring Diagram for Serial Numbers 9-12

E-2、Low-Voltage Emergency Integrated Series

Features

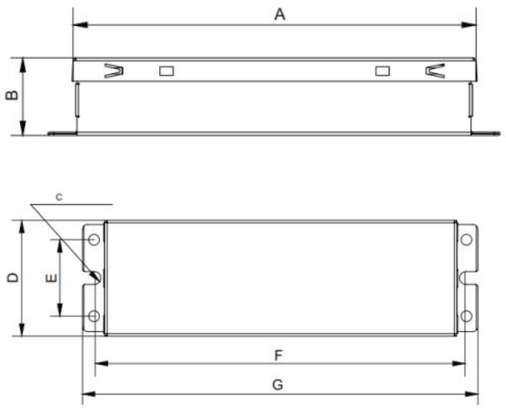
Wide input range 100~380V AC
Built-in $LiFePO_4$ Battery
Over charge protection, over discharge protection, and short circuit protection.
Indicator shows a variety working modes
Intelligent emergency automatic detection function, selftest function
Emergency time 90 minutes
Metal case with IP20
Certified: UL924, FCC,ENEC
Life time >50,000 hrs. and 5 years warranty

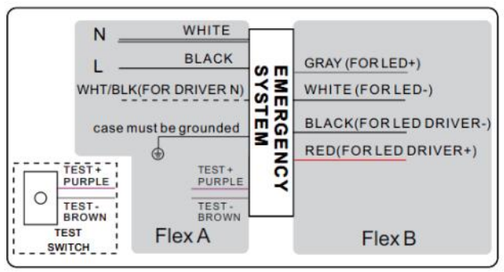


Applications

Commercial Lighting Home Lighting

Model	Power	IP Rating	Input Voltage	PF	Outpu Voltage	Output Current	Size (mm)		
							G	D	B
EMJ-0825-010/105-J2-05W	5W	IP20	120-347Vac	≥0.9	11-56V	300mA	265	56	55.5
EMJ-0825-010/105-J2-08W	8W	IP20	120-347Vac	≥0.9	11-56V	450mA	265	56	55.5
EMJ-0825-010/105-J2-16W	16W	IP20	120-347Vac	≥0.9	11-56V	900mA	265	56	55.5
EMJ-0825-010/105-J2-25W	25W	IP20	220-240Vac	≥0.9	11-56V	1050mA	265	56	55.5





E-3、High-Voltage Emergency Discrete Series

Features

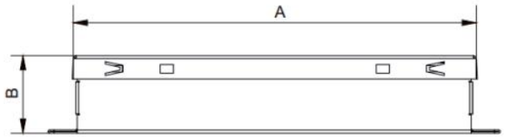
Wide input range 100~380V AC
Output Voltage, 170Vdc
Isolated Safe Charging
External $LiFePO_4$ and TLB optional
Over charge protection, over discharge protection, and short circuit protection.
Indicator shows a variety working modes
Intelligent emergency automatic detection function, selftest function
Emergency time 90 minutes
Metal case with IP20
Certified: UL924, FCC,ENEC
Life time >50,000 hrs. and 5 years warranty

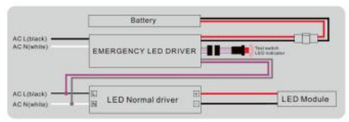


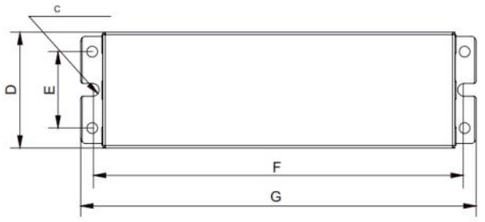
Applications

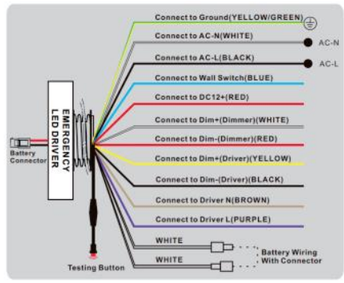
Commercial Lighting Home Lighting

Model	Power	IP Rating	Input Voltage	PF	Outpu Voltage	Output Current	Size (mm)		
							G	D	B
EMP-0020-HV-UL-A	20W	IP20	120-347Vac	≥0.9	170V	120mA	190	52	29
EMP-0060-HV-UL-A	60W	IP20	120-347Vac	≥0.9	170V	350mA	190	72.6	42.5









E-4、High-Voltage Emergency Integrated Series

Features

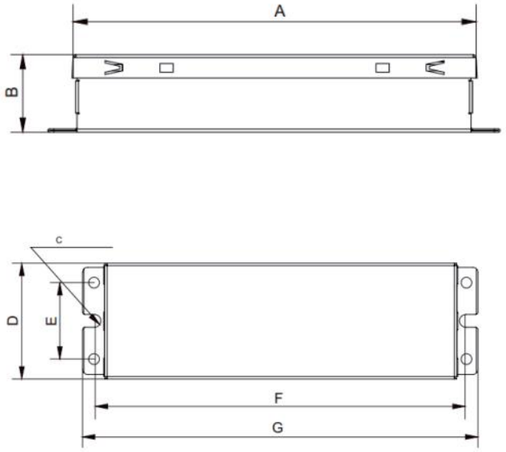
Wide input range 100~380V AC(Class I)
Output Voltage， 170Vdc
Isolated Safe Charging
Built-in $LiFePO_4$ battery
Over charge protection, over discharge protection, and short circuit protection.
Indicator shows a variety working modes
Intelligent emergency automatic detection function, selftest function
Emergency time 90 minutes
Metal case with IP20
Certified： UL924, FCC,ENEC
Life time >50,000 hrs. and 5 years warranty

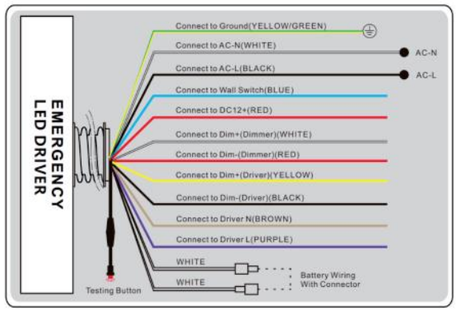


Applications

Commercial Lighting　　Home Lighting

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