



New product introduction

DALI 24V constant voltage LED driver(plastic shell).....	P-01
Constant voltage 24V lighting driver	P-02
DALI 24V constant voltage LED driver(metal cover)	P-03
DALI sensor	P-04
DALI sensor-Remote Controller	P-05
Driver and LED module (Φ40mm)	
Matching Application Solutions (OEM)	P-06
Driver and LED module(SRA)	
Matching Application Solutions (OEM)	P-07
Driver and LED module(OVAL)	
Matching Application Solutions (OEM)	P-08
Driver and LED module(W20mm)	
Matching Application Solutions (OEM)	P-09
Driver and LED module(w12mm)	
Matching Application Solutions (OEM)	P-10
Driver and LED module(CEL)	
Matching Application Solutions (OEM)	P-11
Driver and LED module(HB)	
Matching Application Solutions (OEM)	P-12
LED driver and emergency module application solution(EEC19)	P-13
LED driver and emergency module application solution(EEC30)	P-14

DALI 24V constant voltage LED driver **3AAA**

No noise

Product characteristics

- Light load and heavy load dimming without noise
- Up to 23KHz PWM dimming frequency, no flicker during the dimming process
- Supports DALI-2/Push DIM dimming interface, dimming range 1-100%
- Flexible end caps for built-in & stand-alone use
- Supports corridor function with definable parameters
- Standby power consumption <0.5W, in line with the latest ErP standards
- Support DC power supply, suitable for central emergency lighting power supply system
- Lightning surge 2KV
- Support open-circuit protection, short-circuit protection and over-temperature protection, and support open-circuit and short-circuit reporting system
- Average lifespan 70,000 hours

Application area

- Office lighting
- Strip and trough lighting
- Landscape lighting
- Image Wall Lighting
- Exhibition Lighting
- Commercial lighting
- Light box advertising lighting

Product Data

Product Model	VAC	PF(λ)	Pout(w)	Vout(v)	Iout(mA)	THD	Effi	L*W*H(mm)	Applications
HYL-035DA24G150ADW	AC:220-240 DC:198-264	≥0.95	35	24	145-1450	≤10%	85%	198/150*43*30	class I & II
HYL-075DA24G250ADW	AC:220-240 DC:198-264	≥0.95	75	24	312-3125	≤10%	88%	298/250*43*30	class I & II
HYL-150DA24G280ADW	AC:220-240 DC:198-264	≥0.95	150	24	625-6250	≤10%	90%	328/280*43*30	class I & II
HYL-200DA24G280ADW	AC:220-240 DC:198-264	≥0.95	200	24	834-8340	≤10%	90%	328/280*43*30	class I & II



Constant voltage 24V lighting driver



No noise

Product characteristics

- Light load and heavy load dimming without noise throughout the process
- Flexible end caps for built-in & stand-alone use
- Support DC power supply, suitable for central emergency lighting power supply system
- Complies with the latest ErP standards
- Lightning surge 2KV
- Supports open-circuit protection, short-circuit protection, and over-temperature protection
- Average lifespan 70,000 hours

Application area

- Office lighting
- Image Wall Lighting
- Commercial lighting
- Strip and trough lighting
- Exhibition Lighting
- Light box advertising lighting
- Landscape lighting

Product Data

Product Model	VAC	PF(λ)	Pout(w)	Vout(v)	Iout(mA)	THD	Effi	L*W*H(mm)	Applications
HYL-035RA24G150ADW	AC:220-240 DC:198-264	≥ 0.95	35	24	1-1450	$\leq 10\%$	85%	198/150*43*30	class I & II
HYL-075RA24G250ADW	AC:220-240 DC:198-264	≥ 0.95	75	24	1-3125	$\leq 10\%$	88%	298/250*43*30	class I & II
HYL-150RA24G280ADW	AC:220-240 DC:198-264	≥ 0.95	150	24	1-6250	$\leq 10\%$	90%	328/280*43*30	class I & II
HYL-200RA24G280ADW	AC:220-240 DC:198-264	≥ 0.95	200	24	1-8340	$\leq 10\%$	90%	328/280*43*30	class I & II



DALI 24V constant voltage LED driver

Product characteristics

————— **No noise**

- Light load and heavy load dimming without noise
- Up to 23KHz PWM dimming frequency, no flicker during the dimming process
- Supports DALI-2/Push DIM dimming interface, dimming range 1-100%
- built-in use
- Supports corridor function with definable parameters
- Standby power consumption <0.5W, in line with the latest ErP standards
- Support DC power supply, suitable for central emergency lighting power supply system
- Lightning surge 2KV
- Support open-circuit protection, short-circuit protection and over-temperature protection, and support open-circuit and short-circuit reporting system
- Average lifespan 70,000 hours

Application area

- Office lighting
- Strip and trough lighting
- Landscape lighting
- Image Wall Lighting
- Exhibition Lighting
- Commercial lighting
- Light box advertising lighting

Product Data

Product Model	VAC	PF(λ)	Pout(w)	Vout(v)	Iout(mA)	THD	Effi	L*W*H(mm)	Applications
HYL-030DA24G280ED	AC:220-240 DC:198-264	≥ 0.95	30	24	125-1250	$\leq 10\%$	85%	280*30*21	class I
HYL-060DA24G358GD	AC:220-240 DC:198-264	≥ 0.95	60	24	250-2500	$\leq 10\%$	88%	358*30*21	class I
HYL-100DA24G425GD	AC:220-240 DC:198-264	≥ 0.95	100	24	417-4170	$\leq 10\%$	90%	4425*30*21	class I



DALI sensor



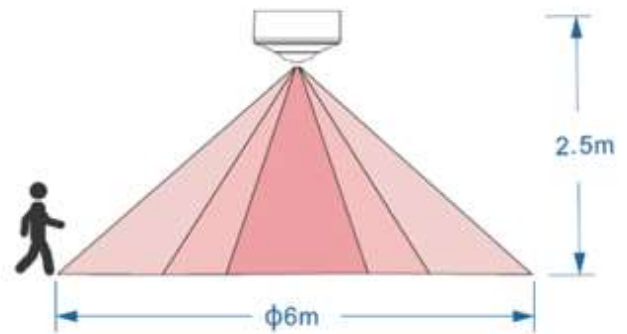
Product Features

- One DALI output channel
- With two installment way, recess, or surface installment
- Work with DALI-2 sensor, it can be served as the application controller
- PSU integrated with 16V55mA
- Daylight and Presence sensor
- IR remoter control and configuration
- Dual ambient light sensor to achieve higher resolution
- PushDim function
- Adjustable Standby power, Occupancy power
- Adjustable Delay time, Standby time
- Adjustable Detection scale, Lighting intensity
- Function indicator with LED
- Various shutters mask

H	Φ
2.5m	6.0m
3.0m	6.5m
4.0m	7.0m
5.0m	7.5m

Application area

- General lighting
- Hotel Rooms
- Restaurant
- Management office
- Commercial Lighting



Product Data

Product Description	Product Model	Input			DALI output		L*W*H mm
		Supply voltage	Frequency	System wattage	Voltage range	Output current	
DALI Sensor	ALS-PLD01	220-240 VAC	50 Hz	<1.0 W	14-18 VDC	55 mA	73.6 x 73.6 x 61
DALI Sensor	ALS-PLD02	220-240 VAC	50 Hz	<1.0 W	14-18 VDC	55 mA	73.6 x 73.6 x 41



01



02



DALI sensor-Remote Controller: SIM-IR01

Button Description

-  Switch ON and OFF
-  Reset to default value
-  Adjust the sensitivity cyclically
-  Dim up
-  Dim down
-  Occupancy + Constant lumen output
-  Occupancy
-  Constant lumen output



Operating guidelines

- 1.Switch ON and OFF
- 2.Reset to default value

a)One time reset:

Default remoter reset

- I .Hold time: 2 min
- II .Standby time: 5 min
- III .Standby power: 10%
- IV .Detection range: Maximum

b)Three time reset:(1)

Customizing parameters

- I .Hold time: 5 min or Customizing
- II .Standby time: 5 min or Customizing
- III .Standby power: 10% or Customizing
- IV .Detection range: Maximum or Customizing

- 3.Dim up and down
 - 4.Adjust the sensitivity cyclically,
Adjustable range: 2.5-5m
 - 5.Mode selection
 - a)M1: Occupancy + Constant lumen output
 - b)M2: Occupancy
 - c)M3: Constant lumen output
- Note:
- (1): Operation step:
 - a). Click “RESET” button.
 - b). The lamp will flick.
 - c). The lamp stops flicking.
 - d). In 5 seconds, click twice “RESET” button.

Driver and LED module(Φ40mm) Matching Application Solutions (OEM)

Product characteristics

- 68 mm opening
- 35mm high
- Beam angle 90°
- The shell is made of white die-cast aluminum or nickel plated metal
- Average service life of 30,000 hours at 25±5°C
- Implementing standard IEC60598-1:2014

LED driver(optional)

- HYL-006R0150G090S
- HYL-021DA0500G097AD
- HYL-007Q0180G088-I

Product advantages

- Tangential dimming
- No noise, no strobe
- High color rendering Ra>80
- Easy and fast installation,
- 3-year warranty

Application area

- General lighting
- Hotel Rooms
- Restaurant
- Management office
- Commercial Lighting

Product Data

Produktname	Product Model	W	K	lm	lm/W	Ra	Beam angle	Beam diameter	Φ*H mm
LED 7W 68mm 2.700K dimmable White	L-DL-0727W	7	2700	520	75	>80	90°	Φ68mm	85*35
LED 7W 68mm 4.000K dimmable White	L-DL-0740W	7	4000	560	80	>80	90°	Φ68mm	85*35
LED 7W 68mm 2.700K dimmable Metal nickel plating	L-DL-0727M	7	2700	520	75	>80	90°	Φ68mm	85*35
LED 7W 68mm 2.700K dimmable Metal nickel plating	L-DL-0740M	7	4000	560	80	>80	90°	Φ68mm	85*35

Note

L-DL-0727W, 07(Lamp power), 27(CCT 2700K), W(White Face Ring), M (Nickel Plated Face Ring)

LED light source optional: OSRAM, PHILIPS, SAMSUNG, Other than

Selectable color temperature: 2700k, 3000K, 4000K, 6500K



Driver and LED module(SRA) Matching Application Solutions (OEM)

Product characteristics

- 68 mm ceiling cut
- Only 36 millimeters high
- Beam angle selectable
- Die cast aluminum casing
- Average service life of 30,000 hours at 25±5°C
- Implementing standard IEC60598-1:2014

LED driver(optional)

- HYL-006R0150G090S
- HYL-021DA0500G097AD
- HYL-007Q0180G088-I

Product advantages

- Tangential dimming
- Easy and fast installation
- High colour rendering index CRI > 90
- No noise, no strobe
- 3-year warranty

Application area

- General lighting
- Hotel Rooms
- restaurant
- Factory office
- Commercial Lighting

Product Data

Produktname	Product Model	W	K	lm	lm/W	Ra			Φ*H mm
LED 7W 3000K dimmable - White	L-DL-SRA0730W	7	3000	500	70	>90	32°	Φ68mm	86*36
LED 7W 3000K dimmable - Nickel plated	L-DL-SRA0730M	7	3000	500	70	>90	32°	Φ68mm	86*36

Note

Optional lighting angle 15° 24° 32° 50°

L-DL-SRA0730M, 07(Lamp power), 30(CCT 3000K), W(White Face Ring), M (Nickel Plated Face Ring)

LED light source optional: OSRAM, PHILIPS, Other than

Selectable color temperature: 2700k, 3000K, 4000K



Driver and LED module(OVAL) Matching Application Solutions (OEM)

Product characteristics

- Large beam angle
- Explosion-proof glass cover
- Engineering plastics, flame retardant grade
- Three color temperature options
- Average service life of 30,000 hours at 25±5°C
- Implementing standard IEC60598-1:2014

LED driver(optional)

- HYL-006RA0115N055YA5

Product advantages

- Easy and fast installation
- High color rendering Ra>80
- No noise, no strobe
- 3-year warranty

Application area

- Underpass
- Courtyard
- Balcony
- Footbridge

Product Data

Produktname	Product Model	W	K	lm	lm/W	Ra	∠	L*W*H mm
LED 7W Moisture-proof lamp-Color Temperature	L-CL-OVAL06W	6	3000/4000/5000	700	110	>80	110°	176*36

Note

LED light source optional: OSRAM, PHILIPS, SAMSUNG, Other than



Driver and LED module(W30mm) Matching Application Solutions (OEM)

Product characteristics

- For linear lighting fixtures
- 2PCS push-in terminals
- Zhaga standard
- Average service life of 72,000 hours at 25±5°C

LED driver(optional)

- HYL-022RB0500G210ADC
- HYL-080RB1900G280ADC
- HYL-035Q0700G280
- HYL-045Q0700/1050G280
- HYL-025A0500G280
- HYL-075A1800G358
- HYL-035DA0700G280ED
- HYL-080DA2100G358GD
- HYL-040RB0350N210ED/B
- HYL-065RB0350N210ED/B
- HYL-050DA0400N280ED
- HYL-100DA0700N358GD

Product advantages

- Module at 25±5°C
- Initial luminous flux $\geq 160\text{lm/W}$
- SDCM ≤ 3
- High color rendering $R_a > 80$
- No noise, no strobe
- 5-year warranty

Applicable lighting fixtures

- Three-proof light
- Stand Lamp
- Line lights

Application area

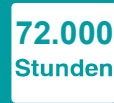
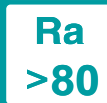
- Factory
- Warehouse
- Parking lot
- Footbridge

Product Data

Product Model	Typ.forward current	K	lm	lm/W	Ra	Vmax	L*W*H mm
HY-LLE 20X280mm 1250lm HV G1	350mA	4000	1270	160	>80	26	279*20*1.6
HY-LLE 20X560mm 2400lm HV G1	350mA	4000	2560	160	>80	42	559*20*1.6

Note

LED light source optional: OSRAM, PHILIPS, SAMSUNG, Other than
Selectable color temperature: 3000K, 4000K, 6500K



Customizable LED module board for customers

Driver and LED module(W12mm) Matching Application Solutions (OEM)

Product characteristics

- Suitable for linear lighting fixtures
- 2PCS push-in terminals
- Average service life of 72,000 hours at 25±5°C
- Economy products

Product advantages

- Module at 25±5°C
- Initial luminous flux ≥ 170lm/W
- SDCM ≤ 3
- High color rendering Ra>80
- No noise, no strobe
- 5-year warranty

LED driver(optional)

- HYL-040RB0350N210ED/B
- HYL-065RB0350N210ED/B
- HYL-050DA0400N280ED
- HYL-100DA0700N358GD

Applicable lighting fixtures

- Three-proof light
- Stand Lamp
- Line lights

Application area

- Ifactory
- Warehouse
- Parking lot
- Footbridge

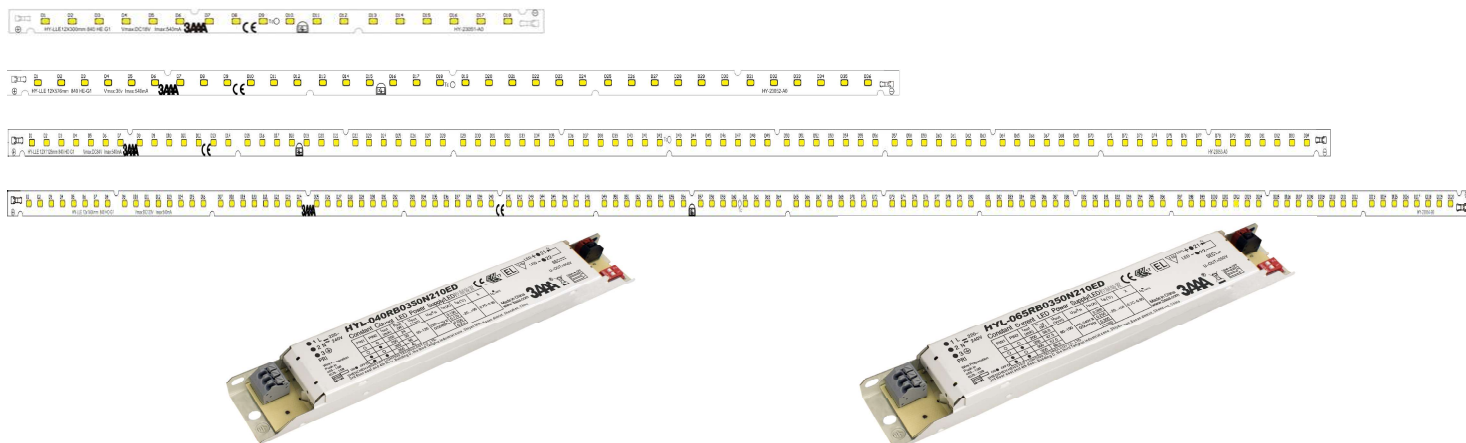
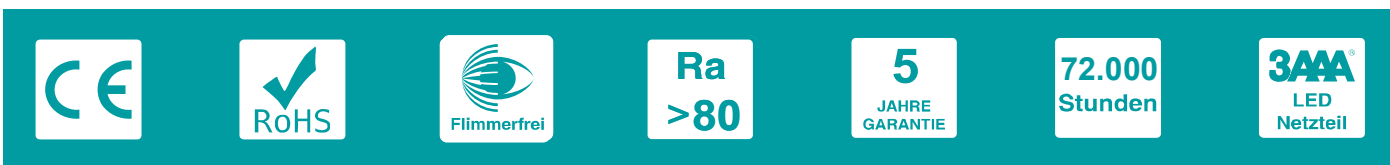
Product Data

Product Model	Typ.forward current	K	Im	lm/W	Ra	Vmax	L*W*H mm
HY-LLE 12X300mm 840 HE G1	350mA	4000	1000	170	>80	19 V	300*12*1.6
HY-LLE 12X576mm 840 HE-G1	350mA	4000	2000	170	>80	39 V	576*12*1.6
HY-LLE 12X1128mm 840 HO G1	350mA	4000	4600	170	>80	90 V	1128*12*1.6
HY-LLE 12X1404mm 840 HE G1	350mA	4000	4900	170	>80	96 V	1404*12*1.6
HY-LLE 12X1404mm 840 HO G1	350mA	4000	6500	170	>80	128 V	1404*12*1.6

Note

LED light source optional: OSRAM, PHILIPS, SAMSUNG, Other than

Selectable color temperature: 3000K, 4000K, 6500K



Customizable LED module board for customers

Driver and LED module(CLE) Matching Application Solutions (OEM)

Product characteristics

- Suitable for circular lighting fixtures
- Push-in terminal blocks for quick and simple wiring
- LEDs are evenly distributed within the PCB board, emitting uniform light
- Average service life of 72,000 hours at 25±5°C

Product advantages

- Module at 25±5°C
- Initial luminous flux ≥ 180lm/W
- SDCM ≤ 5
 - High color rendering Ra>80
 - 5-year warranty

LED driver(optional)

- HYL-020R0500G081
- HYL-036RB0900G097ADC
- HYL-021DA0500G097AD
- HYL-030DA0700G077AY
- HYL-025Q0500G077Y

Applicable lighting fixtures

- Ceiling lamp

Application area

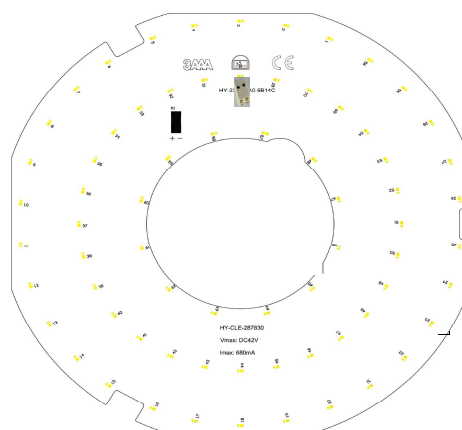
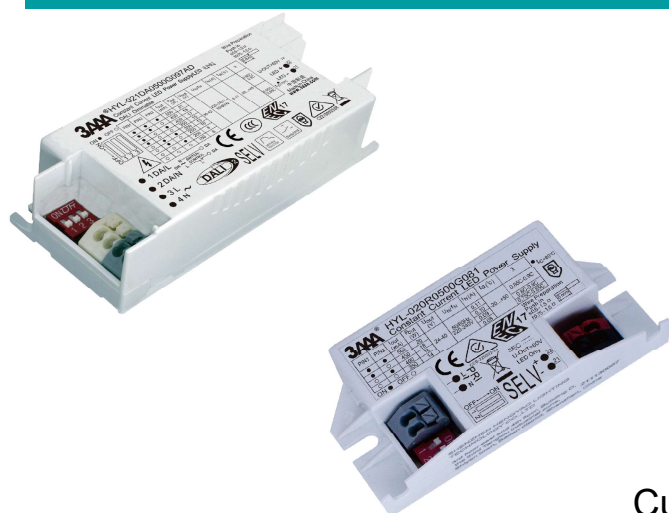
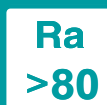
- Residence
- Factory office
- Management office

Product Data

Product Model	Typ.forward current	K	Im	Im/W	Ra	Vmax	Φ*H mm
HY-CLE-216840	350mA	4000	2100	180	>80	36 V	216*1.2
HY-CLE-287840	500mA	4000	3300	180	>80	40 V	287*1.2
HY-CLE-391840	700mA	4000	4500	180	>80	40 V	391*1.2
HY-CLE-216830840	350mA	3000/4000	2000	170/180	>80	36 V	216*1.2
HY-CLE-287830840	500mA	3000/4000	3000	170/180	>80	40 V	287*1.2

Note

LED light source optional: OSRAM, PHILIPS, SAMSUNG, Other than
Selectable color temperature: 3000K, 4000K, 6500K



Customizable LED module board for customers

Driver and LED module(HB) Matching Application Solutions (OEM)

Product characteristics

- Suitable for circular lighting fixtures
- Push-in terminal blocks for quick and simple wiring
- LEDs are evenly distributed within the PCB board, emitting uniform light
- Average service life of 72,000 hours at 25±5°C

Product advantages

- Module at 25±5°C
- Initial luminous flux ≥ 180lm/W
- SDCM ≤ 5
- High output efficiency
- High color rendering Ra>80
- 5-year warranty

LED driver(optional)

- HYL-120N0700G196Y
- HYL-200N0700G228Y

Applicable lighting fixtures

- UFO Highbay
- Floodlight
- Street lamp

Application area

- Warehouse
- Factory
- Station
- Airport
- Wharf
- Piazza

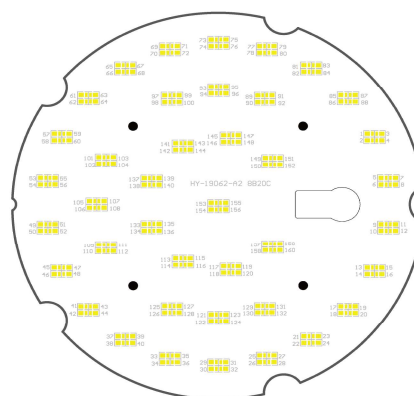
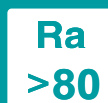
Product Data

Product Model	Typ.forward current	W	K	lm	lm/W	Ra	Vmax	Φ*H mm
L-HB-HY-19062-A2	700mA	90	5000	15500	180	80	120V	171*1.6
L-HB-HY-19063-A1	700mA	130	5000	22000	180	80	180V	189*1.6
L-HB-HY-19064-A2	700mA	180	5000	30600	180	80	252V	251*1.6

Note

LED light source optional: OSRAM, PHILIPS, SAMSUNG, Other than

Selectable color temperature: 4000K, 5000K, 6500K



Customizable LED module board for customers

LED driver and emergency module application solution(EEC19)



Product characteristics

- Rated supply voltage 220~240VAC
- For LED module with a forward voltage of 20-60/40-90/50-180VDC
- Constant power output, output current self-adjustable
- 4-year guarantee (battery 2-year guarantee)
- 3 hours rated continuous output time
- Self Test Emergency System
- Implementing standard EN IEC61347-2-7
- Implementing standard AS/NZS 61347-2-7

Product advantages

- EEC19 for SELV output voltage
- the output automatically shuts down. If LED load is out of range
- Deep discharge protection
- Battery short circuit connection protection
- Open circuit protection
- Battery reverse polarity protection

Applicable lighting fixtures

- Suitable for I/II luminaires

Built-in installation

Application area

- Warehouse
- Factory
- Station
- Airport
- Safe emergency passage

Product Data

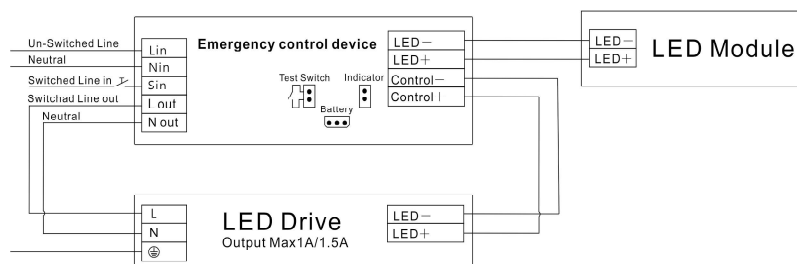
Product Model	Input Voltage	Emergency Power	Output voltage	Charge Duration	Duration	Battery	L*W*H mm
EEC19L-2.5W-3H	220-240V	2.5W	20VDC-60VDC	24H	3H	3.2V 3000mAh	157.5*30.5*21
EEC19H-2.5W-3H	220-240V	2.5W	50VDC-180VDC	24H	3H	3.2V 3000mAh	157.5*30.5*21

Remarks

Selectable emergency duration 1H, 2H, 3H



WIRING DIAGRAM



LED driver and emergency module application solution(EEC30)

Product characteristics

- Rated supply voltage 220~240VAC
- For LED module with a forward voltage of 20-60/50-180VDC
- Constant power output, output current self-adjustable
- 4-year guarantee (battery 2-year guarantee)
- 3 hours rated continuous output time
- Self Test Emergency System
- Implementing standard EN IEC61347-2-7
- Implementing standard AS/NZS 61347-2-7

Product advantages

- EEC30E for SELV output voltage
- the output automatically shuts down. If LED load is out of range
- Deep discharge protection
- Battery short circuit connection protection
- Open circuit protection
- Battery reverse polarity protection

Applicable lighting fixtures

- External Installation

Application area

- Warehouse
- Factory
- Station
- Airport
- Safe emergency passage

Product Data

Product Model	Input Voltage	Emergency Power	Output voltage	Charge Duration	Duration	Battery	L*W*H mm
EEC30EL-ST-2.5W-3H	220-240V	2.5W	20VDC-90VDC	24H	3H	3.2V 4000mAh	199*55.2*24.5

Remarks

Selectable emergency duration 1H, 2H, 3H



WIRING DIAGRAM

