CATALOG
2018 series

Emergency Exit Light Series 2018v

SPECIFICATION SHEET

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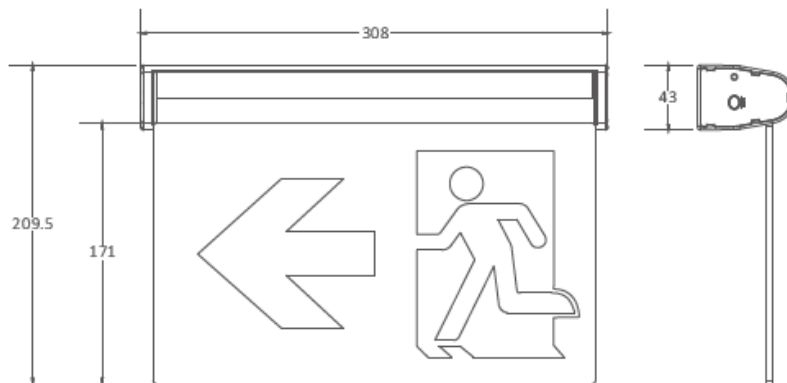AZTECH GENERAL TRADING LLC

EMERGENCY EXIT LIGHT

MODEL: EXIT SIGN AZA1

Features

Standard Feature

- Compact and decorative design
- Injection molded thermoplastic ABS housing
- Quick connection and easy installation
- Single and double face universal
- LED bright SMD 2835, CCT 6000K
- Li-ion battery
- Replaceable pictogram design
- Rohs compliance
- CE SAA certification
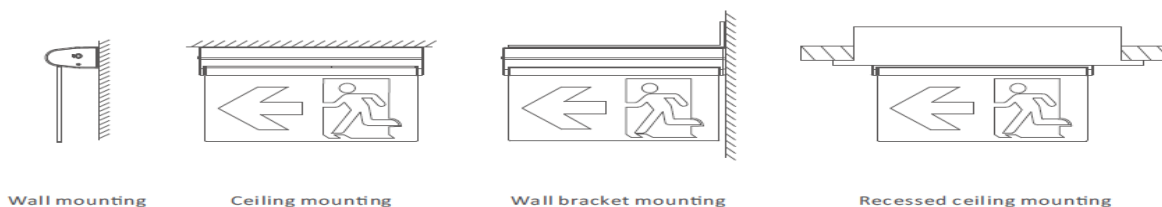- Wall mounting ,Ceiling mounting ,wall bracket mounting, recessed ceiling mounting

Dimensions (unit: mm)

Technical Specification

Input voltage	220-240VAC 50/60Hz
Luminaire power consumption	2.5-3.0W(AC)/1.2W(DC)
LED power consumption	0.9W(AC&DC)
LED source	2.8W(0.2W*14)
Charge time	24 hours
Discharge duration	1hour, 2hours, 3hours
Test facility	Button self-test +Auto self-test
Operation	Maintained and Non-Maintained and ACEG
Viewing distance	30m
Flux	50lm
Luminance of safety sign	>15cd/m²
Degree of protection	IP65

Mounting type

Wall mounting   Ceiling mounting   Wall bracket mounting   Recessed ceiling mounting
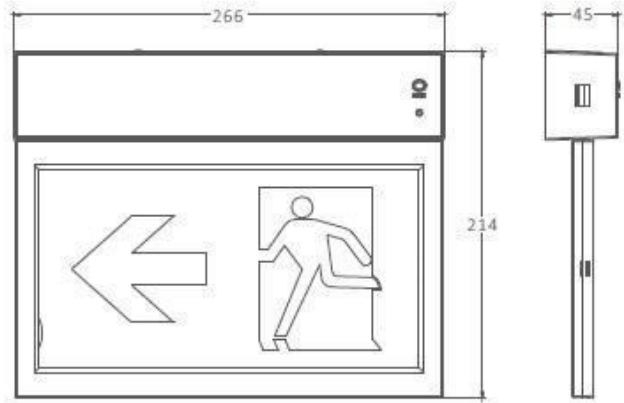
MODEL: EXIT SIGN AZA2

Features

Standard Feature

◉ Compact and decorative design
◉ Injection molded thermoplastic ABS housing
◉ Quick connection and easy installation
◉ Single and double face universal
◉ LED bright SMD 2835, CCT 6000K
◉ Li-ion battery
◉ Replaceable pictogram design
◉ Rohs compliance
◉ CE SAA certification
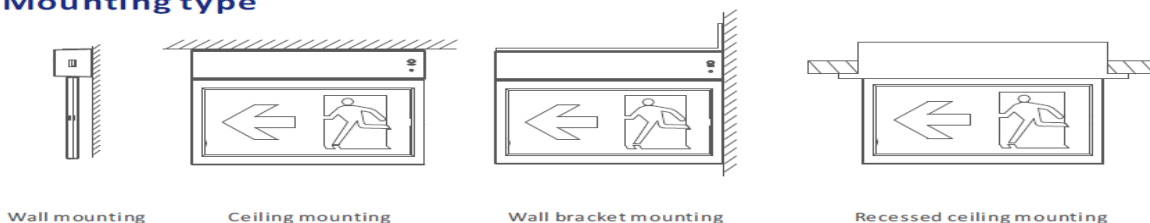◉ Wall mounting, Ceiling mounting, wall bracket mounting, recessed ceiling mounting

Dimensions (unit: mm)

Technical Specification

◉ Input voltage	220-240VAC 50/60Hz
◉ Luminaire power consumption	2.5-3.0W(AC)/1.2W(DC)
◉ LED power consumption	0.9W
◉ LED source	2.4W(0.2W*12)
◉ Charge time	24 hours
◉ Discharge duration	1hour, 2hours, 3hours
◉ Test facility	Button self-test +Auto self-test
◉ Operation	Maintained and Non-Maintained and ACEG
◉ Viewing distance	24m
◉ Flux	32lm
◉ Luminance of safety sign	>15cd/m^2
◉ Degree of protection	IP20

Mounting type

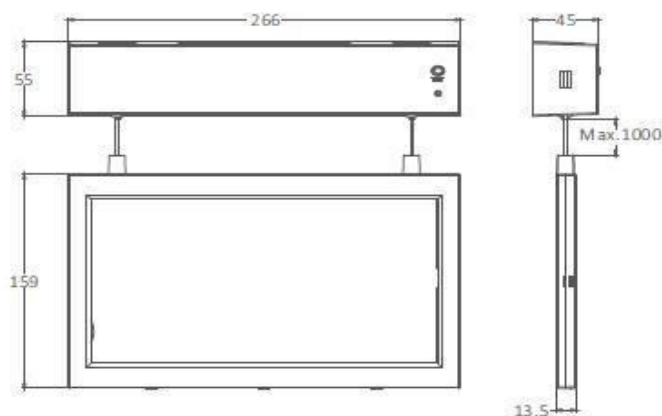| Wall mounting | Ceiling mounting | Wall bracket mounting | Recessed ceiling mounting |

MODEL: EXIT SIGN AZA3

Features

Standard Feature

- Compact and decorative design
- Injection molded thermoplastic ABS housing
- Quick connection and easy installation
- Single and double face universal
- LED bright SMD 2835, CCT 6000K
- Li-ion battery
- Replaceable pictogram design
- Rohs compliance
- CE SAA certification
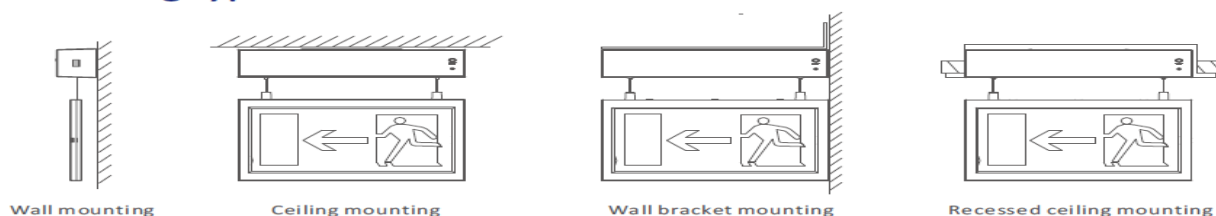- Wall mounting, Ceiling mounting, wall bracket mounting, recessed ceiling mounting

Dimensions (unit: mm)

Technical Specification

Input voltage	220-240VAC 50/60Hz
Luminaire power consumption	2.5-3.0W(AC)/1.2W(DC)
LED power consumption	0.9W
LED source	2.4W(0.2W*12)
Charge time	24 hours
Discharge duration	1hour, 2hours, 3hours
Test facility	Button self-test +Auto self-test
Operation	Maintained and Non-Maintained and ACEG
Viewing distance	24m
Flux	32lm
Luminance of safety sign	>15cd/m²
Degree of protection	IP20

Mounting type

Wall mounting   Ceiling mounting   Wall bracket mounting   Recessed ceiling mounting
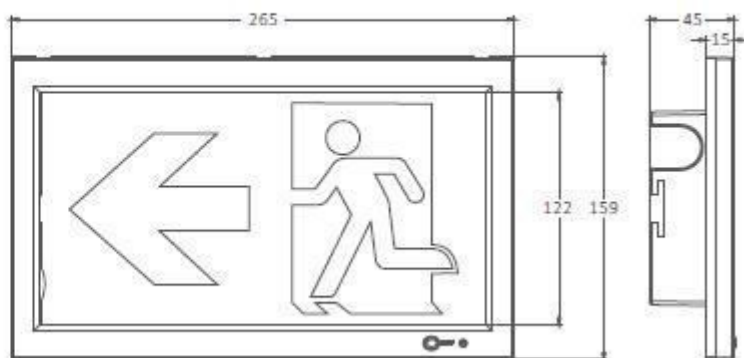
MODEL: EXIT SIGN AZA4

Features

Standard Feature

- Compact and decorative design
- Injection molded thermoplastic ABS housing
- Quick connection and easy installation
- Single and double face universal
- LED bright SMD 2835, CCT 6000K
- Li-ion battery
- Replaceable pictogram design
- Rohs compliance
- CE SAA certification
- Wall mounting, Ceiling mounting, wall bracket mounting, recessed ceiling mounting
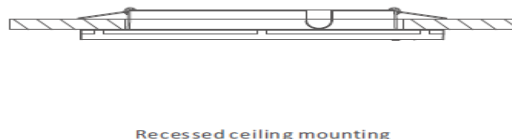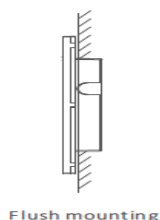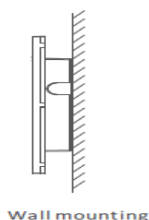
Dimensions (unit: mm)

Technical Specification

Input voltage	220-240VAC 50/60Hz
Luminaire power consumption	2.5-3.0W(AC)/1.2W(DC)
LED power consumption	0.9W
LED source	2.4W(0.2W*12)
Charge time	24 hours
Discharge duration	1hour, 2hours, 3hours
Test facility	Button self-test +Auto self-test
Operation	Maintained and Non-Maintained and ACEG
Viewing distance	24m
Flux	32lm
Luminance of safety sign	>15cd/m²
Degree of protection	IP20

Mounting type

Wall mounting   Flush mounting   Recessed ceiling mounting
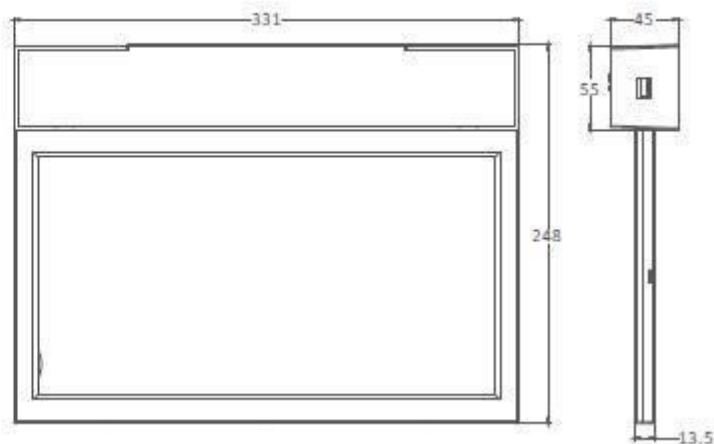
MODEL: EXIT SIGN AZA5

Features

Standard Feature
- Compact and decorative design
- Injection molded thermoplastic ABS housing
- Quick connection and easy installation
- Single and double face universal
- LED bright SMD 2835, CCT 6000K
- Li-ion battery
- Replaceable pictogram design
- Rohs compliance
- CE SAA certification
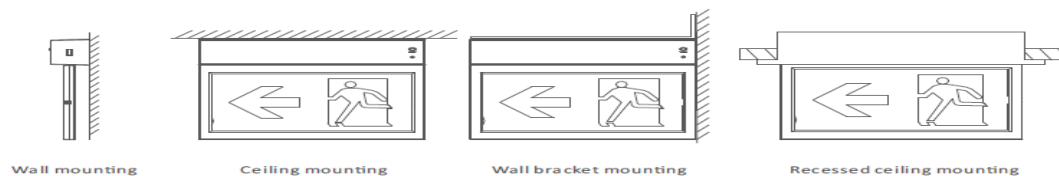- Wall mounting ,Ceiling mounting , wall bracket mounting, recessed ceiling mounting

Dimensions (unit: mm)

Technical Specification

Input voltage	220-240VAC 50/60Hz
Luminaire power consumption	2.5-3.0W(AC)/1.2W(DC)
LED power consumption	0.9W
LED source	3.2W(0.2W*16)
Charge time	24 hours
Discharge duration	1hour, 2hours, 3 hours
Test facility	Button self-test + Auto self-test
Operation	Maintained and Non-Maintained and ACEG
Viewing distance	30m
Flux	50lm
Luminance of safety sign	>15cd/m²
Degree of protection	IP20

Mounting type

Wall mounting   Ceiling mounting   Wall bracket mounting   Recessed ceiling mounting
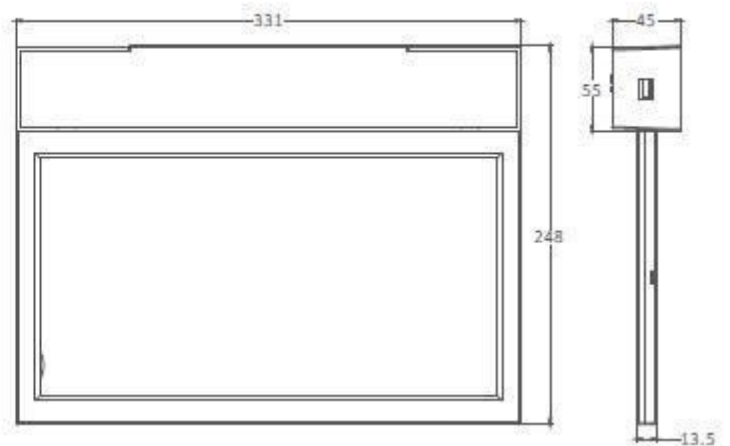
MODEL: EXIT SIGN AZA6

Features

Standard Feature

- Compact and decorative design
- Injection molded thermoplastic ABS housing
- Quick connection and easy installation
- Single and double face universal
- LED bright SMD 2835, CCT 6000K
- Li-ion battery
- Replaceable pictogram design
- Rohs compliance
- CE SAA certification
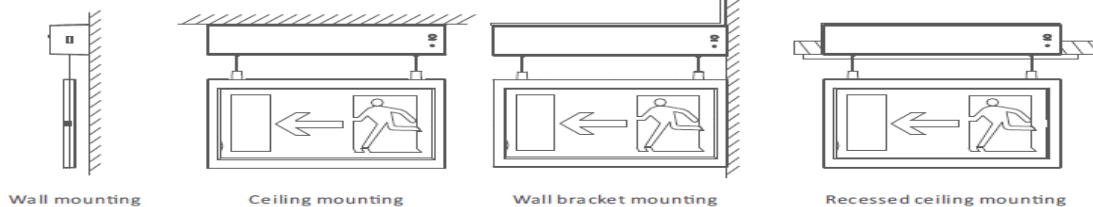- Wall mounting ,Ceiling mounting ,wall bracket mounting, recessed ceiling mounting

Dimensions (unit: mm)

Technical Specification

Input voltage	220-240VAC 50/60Hz
Luminaire power consumption	2.5-3.0W(AC)/1.2W(DC)
LED power consumption	0.9W
LED source	3.2W(0.2W*16)
Charge time	24 hours
Discharge duration	1hour, 2hours, 3hours
Test facility	Button self-test +Auto self-test
Operation	Maintained and Non-Maintained and ACEG
Viewing distance	30m
Flux	50lm
Luminance of safety sign	>15cd/m²
Degree of protection	IP20

Mounting type

Wall mounting   Ceiling mounting   Wall bracket mounting   Recessed ceiling mounting
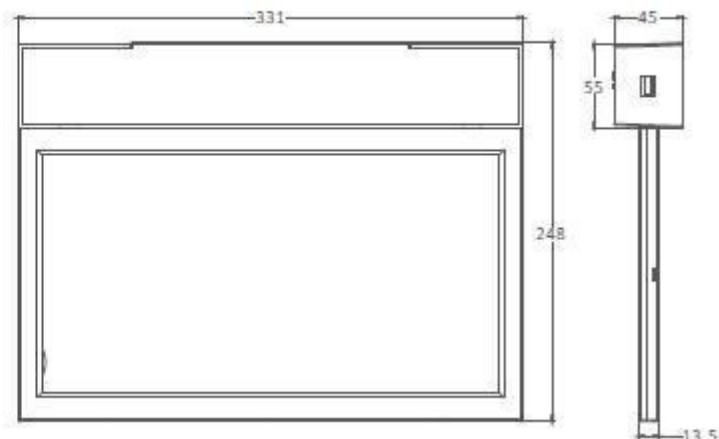
MODEL: EXIT SIGN AZA7

Features

Standard Feature
- Compact and decorative design
- Injection molded thermoplastic ABS housing
- Quick connection and easy installation
- Single and double face universal
- LED bright SMD 2835, CCT 6000K
- Li-ion battery
- Replaceable pictogram design
- Rohs compliance
- CE SAA certification
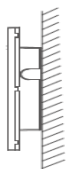- Wall mounting , mounting, recessed ceiling mounting

Dimensions (unit: mm)

Technical Specification

Input voltage	220-240VAC 50/60Hz
Luminaire power consumption	2.5-3.0W(AC)/1.2W(DC)
LED power consumption	0.9W
LED source	3.2W(0.2W*16)
Charge time	24 hours
Discharge duration	1hour, 2hours, 3hours
Test facility	Button self-test +Auto self-test
Operation	Maintained and Non-Maintained and ACEG
Viewing distance	30m
Flux	50lm
Luminance of safety sign	>15cd/m²
Degree of protection	IP20

Mounting type

Wall mounting   Flush mounting   Recessed ceiling mounting

MODEL: EXIT SIGN AZB1

Features

Standard Feature
- Injection molded Flame retardant ABS housing
- LED bright SMD 2835, CCT 6000K
- Li-ion battery
- over charge and over discharge protection
- Working/fault status bi-color indicator and test button
- Fault self- diagnostics test and alert function
- CE SAA certification,   Rohs compliance
- Single face , Replaceable pictogram design
- Wall mounting, Flush mounting

Dimensions (unit: mm)

Technical Specification

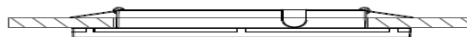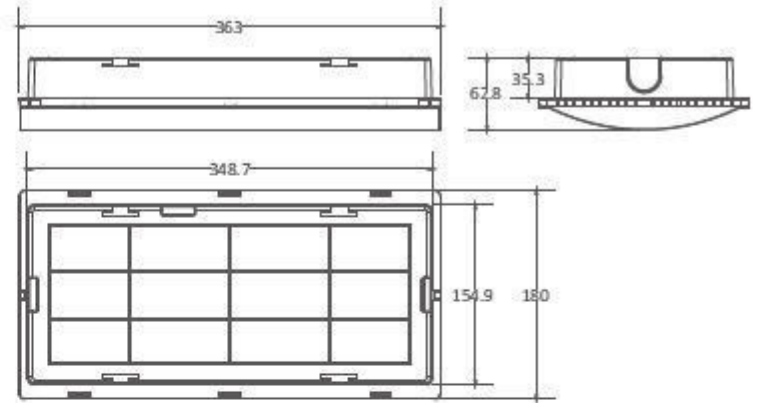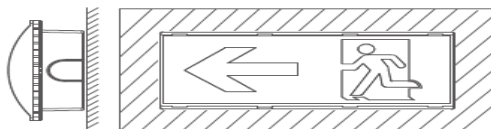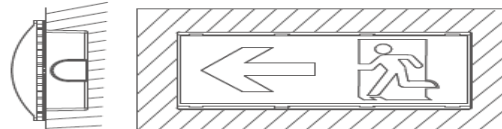|	
Input voltage	220-240VAC 50/60Hz
Luminaire power consumption	5.0W(AC)/3.0W(DC)
LED power consumption	2.4W(AC&DC)
LED source	12W(0.2WX60)
Charge time	24 hours
Discharge duration	1hour, 2hours, 3hours
Test facility	Button self-test +Auto self-test
Operation	Maintained and Non-Maintained
Viewing distance	32m
Flux	100lm
Luminance of safety sign	>15cd/m²
Degree of protection	IP65

Mounting type
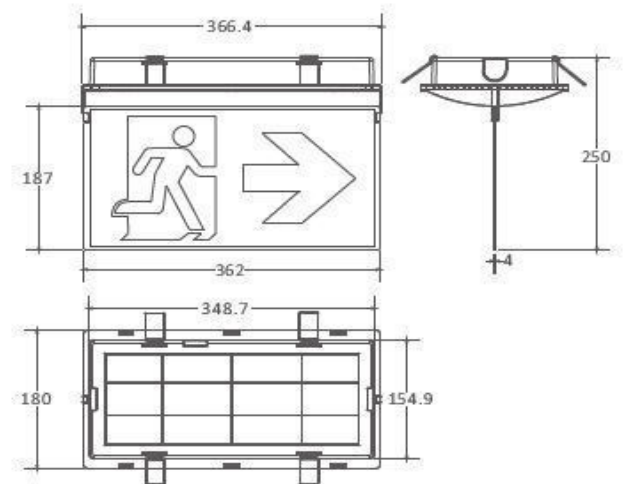
Wall mounting   Flush mounting

Features

Standard Feature

- Injection molded Flame retardant ABS housing
- LED bright SMD 2835, CCT 6000K
- Li-ion battery
- over charge and over discharge protection
- Working/fault status bi-color indicator and test button
- Fault self- diagnostics test and alert function
- CE SAA certification, Rohs compliance
- Single and double face universal
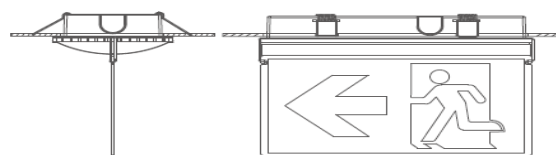- Ceiling mounting, recessed ceiling mounting

Dimensions (unit: mm)

Technical Specification

Input voltage	220-240VAC 50/60Hz
Luminaire power consumption	5.0W(AC)/3.0W(DC)
LED power consumption	2.4W(AC&DC)
LED source	LED source:12W(0.2W*60)
Charge time	24 hours
Discharge duration	1hour, 2hours, 3hours
Test facility	Button self-test +Auto self-test
Operation	Maintained and Non-Maintained
Viewing distance	36m
Flux	260lm
Luminance of safety sign	>15cd/m²
Degree of protection	IP65

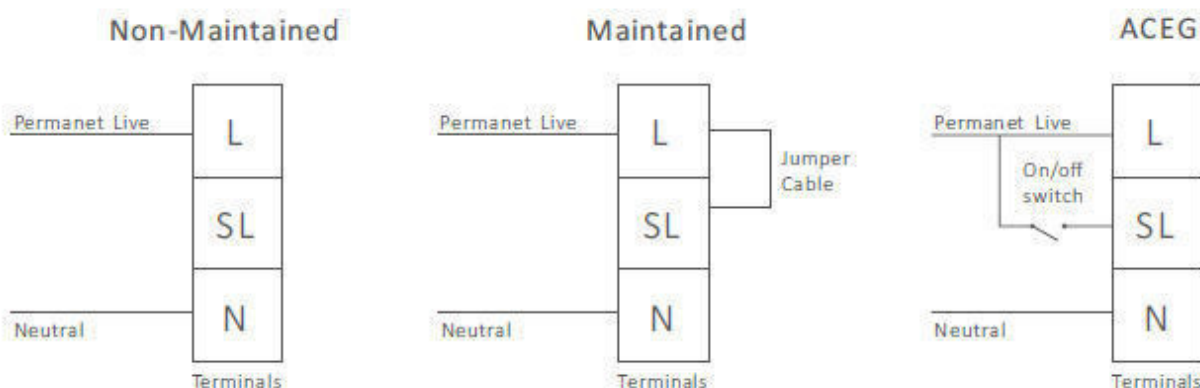### Mounting type

Ceiling mounting

Recessed ceiling mounting

OPERATION

The luminaries can realize Maintained, Non-Maintained, ACEG operation type

Operation and condition	Function	Green Indicator
the main supply is normal	Maintained operation type: luminaries is general lighting and charged mode	Green Indicator Permanent light
	Non-Maintained operation type: luminaries is charged mode, luminaries will not be illuminated	Green Indicator Permanent light
	ACEG operation type: luminaries is general lighting and charged mode, and can be on /off by switch	Green Indicator Permanent light
the main supply Isolated	Enter to emergency mode, luminaries is illuminated from its battery pack	Green Indicator flash 1 flashe within 1 second

Luminaries default operation is Maintained. Installer can change the luminaries to Non-Maintained and ACEG operation easily by jumper cable.

Please reference below instruction

Button self test---by test button can realize emergency lighting self test

operation	Function	Green Indicator
Press once test button	180 seconds Emergency lighting self testing	10 flashes 1 second
Press twice test button within 2 seconds	1 hours Emergency lighting self testing	5 flashes 1 second
Press 3 times test button within 2 seconds	2 hours Emergency lighting self testing	2 flashes 1 second
Press 4 times test button within 2 seconds	3 hours Emergency lighting self testing	1 flash 2 seconds
Press 5 times test button within 2 seconds	Quit to Emergency lighting self testing	Permanent light
To achieve the 1-3 hour emergency testing, you only need to press 1-4 times the test button		

Auto self-test--- regular automatic carry out emergency test function

operation	Function	Green Indicator
Self-test every month after installation	180 seconds Emergency lighting self testing	10 flashes 1 second
Self-test every 6 months after installation	1 hour Emergency lighting self testing or 3 hours Emergency lighting self testing	5 flashes 1 second (1 hour Emergency) or 1 flash 2 seconds (3 hour Emergency)
this panel will regular automatic carry out emergency test function In accordance with the preset program software, no need for manual operation		

Fault self- diagnostics test and alert function

operation	Fault	Response	Red Indicator
self- diagnostics test every 5 seconds	Battery is not connected or voltage is too low	Alert and Enter the dormant	Permanent light
	Battery voltage rises more than acceptable value	Alert and stop the charge	2 flashes 1 second
	Battery voltage drops below than acceptable value	Alert and quit the emergency	5 flashes 1 second
	Lamp or load is not connected	Alert	1 flash 2 seconds
Emergency driver/ luminaries will automatic diagnose fault and give an alarm by red Indicator			