



CHOOSE FAIRYLUX, CHOOSE QUALITY



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Dongguan Engine Electronics Co., Ltd. is a professional LED emergency product research and development, production and sales enterprise. The company team was established in 2011. It has a production base of 4,000 square meters in Dongguan, a team of more than 50 people and advance R&D and production equipment.

The company has a good reputation in the emergency lighting industry. The main products are LED emergency lights, LED emergency packs and emergency lighting system. All products are sold to Australia, New Zealand, Europe and other overseas regions.















Since its establishment 16 years ago, the company has been focusing on the R&D, production and sales of LED semiconductor emergency lights and emergency power supply products. The company's technical team has more than 15 years of product development experience, including software engineers, hardware engineers and structural engineers, we can customize various emergency lighting products for customers. Compared with the counterparts in the market, our products are more efficient, energy-saving, safer and smarter, and easier to install.













- ① Europe 40%  
The UK  
Ireland
- ② Australia 35%  
Australia  
New Zealand
- ③ Others 25%



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# Plug-in Emergency Module

## Dual Test



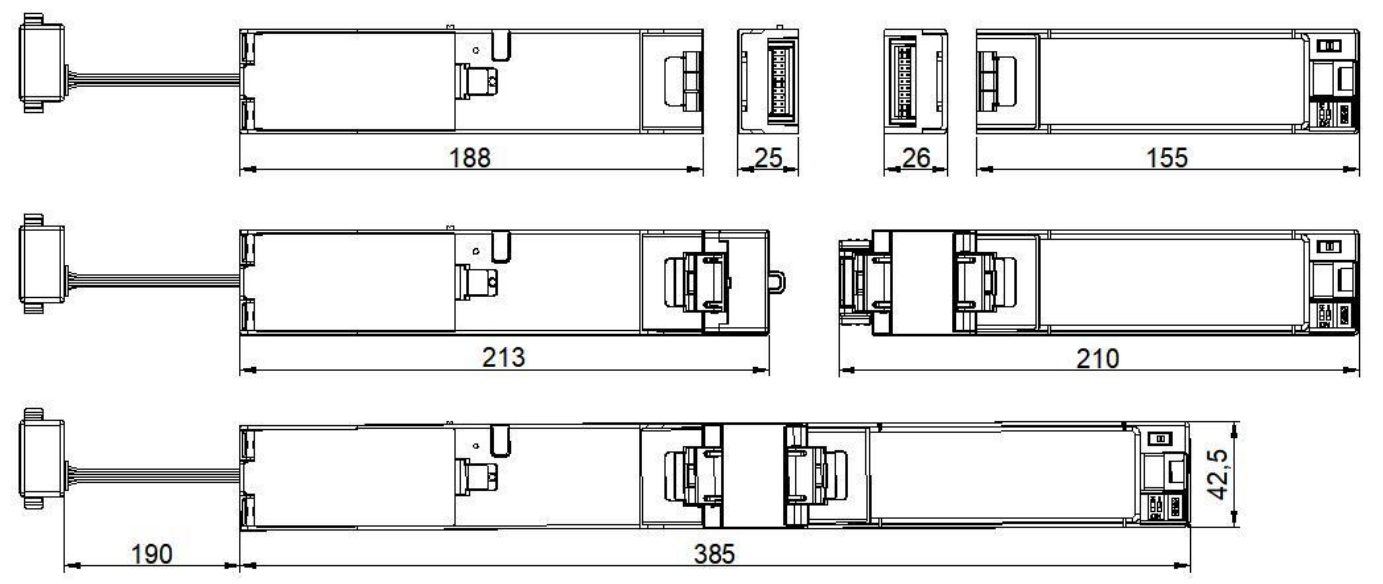
- Emergency power output, 30-250V, 2W, 3W, 4W
- Duration time: 180mins, 120mins
- Dual test design: manual test and self test can be switch selected
- Build-in high temperature LiFePO<sub>4</sub> battery
- PC housing material
- Overcharge protection, overcurrent protection, deep discharge protection, short circuit protection and low&high temperature charge protection included.
- 3 years warranty.
- CE, SAA and RoHS compliance.

**Applications :** LED Emergency batten, linear, tri-proof light

### Specifications

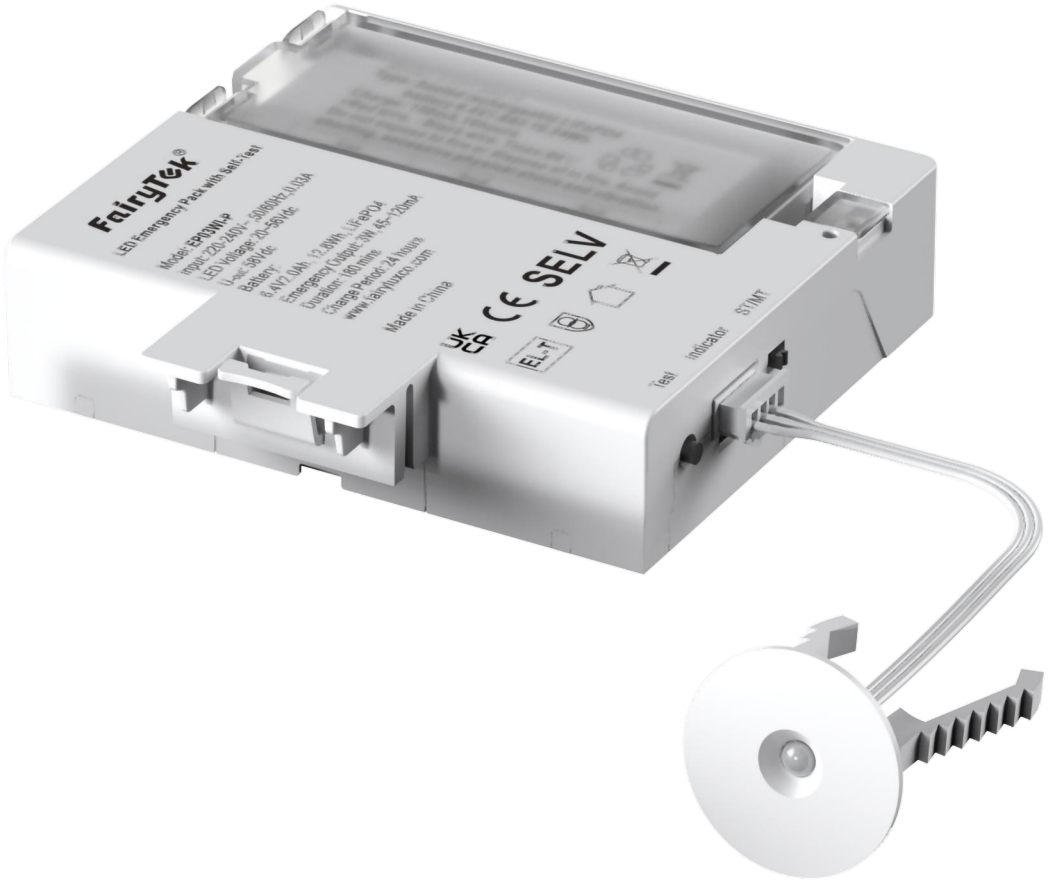
Model	Input	EM. output	Duration	Battery
EP02H-P3G	220-240Vac	2W CP. 30-250V	180mins	LiFePO <sub>4</sub> 6.4v1.6Ah
EP03H-P3G	220-240Vac	3W CP. 30-250V	180mins	LiFePO <sub>4</sub> 6.4v2.0Ah
EP04H-P3G	220-240Vac	4W CP. 30-250V	120mins	LiFePO <sub>4</sub> 6.4v2.0Ah

### Dimensions



# Plug-in Emergency Module for Panel

## Dual Test



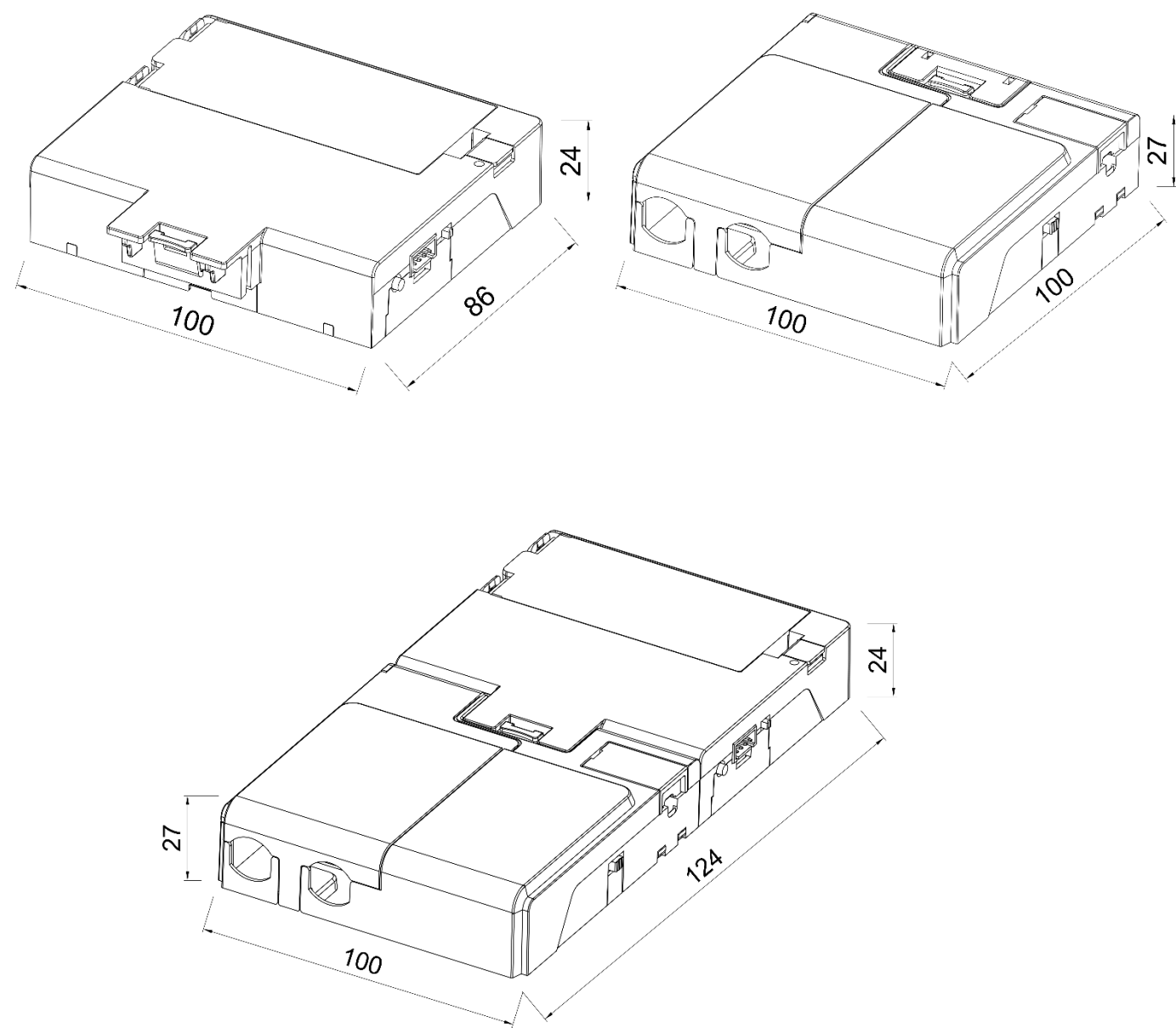
- Emergency power output, 20-56V, 2W, 3W, 4W, 5W
- Duration time: 180mins, 120mins, 90mins
- Dual test design: manual test and self test can be switch selected
- Build-in high temperature LiFePO<sub>4</sub> battery
- PC housing material
- Overcharge protection, overcurrent protection, deep discharge protection, short circuit protection and low&high temperature charge protection included.
- 3 years warranty.
- CE, SAA and RoHS compliance.

**Applications :** LED Panel

### Specifications

Model	Input	EM. output	Duration	Battery
EP02WI-P	220-240Vac	2W CP. 20-56V	180mins	LiFePO <sub>4</sub> 6.4v1.6Ah
EP03WI-P	220-240Vac	3W CP. 20-56V	180mins	LiFePO <sub>4</sub> 6.4v2.0Ah
EP04WI-P	220-240Vac	4W CP. 20-56V	120mins	LiFePO <sub>4</sub> 6.4v2.0Ah
EP05WI-P	220-240Vac	5W CP. 20-56V	90mins	LiFePO <sub>4</sub> 6.4v2.0Ah

### Dimensions



# LED Emergency Pack For Panel and Downlight



- 10-55Vdc and 2W, 3W, 4W, 5W, 6W, 8W emergency output
- Constant power output
- High temperature LiFePO<sub>4</sub> battery
- Duration time: 60mins, 90mins, 120mins, 180mins
- PC case
- CE, SAA and RoHS compliance
- Overcharge protection, deep discharge protection and short circuit protection included

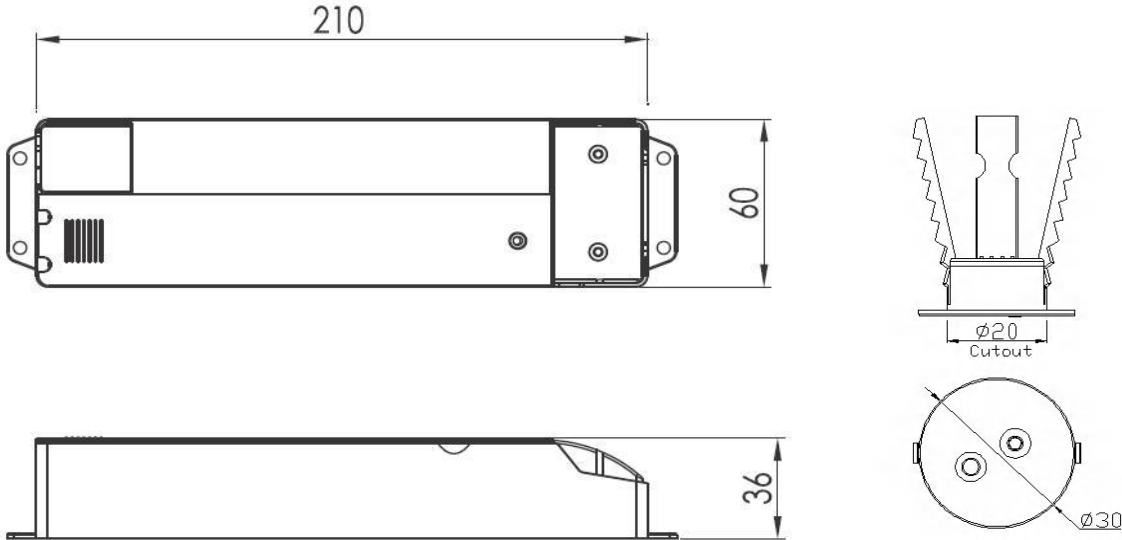
**Applications :** LED Panel Light, Downlight

### Specifications

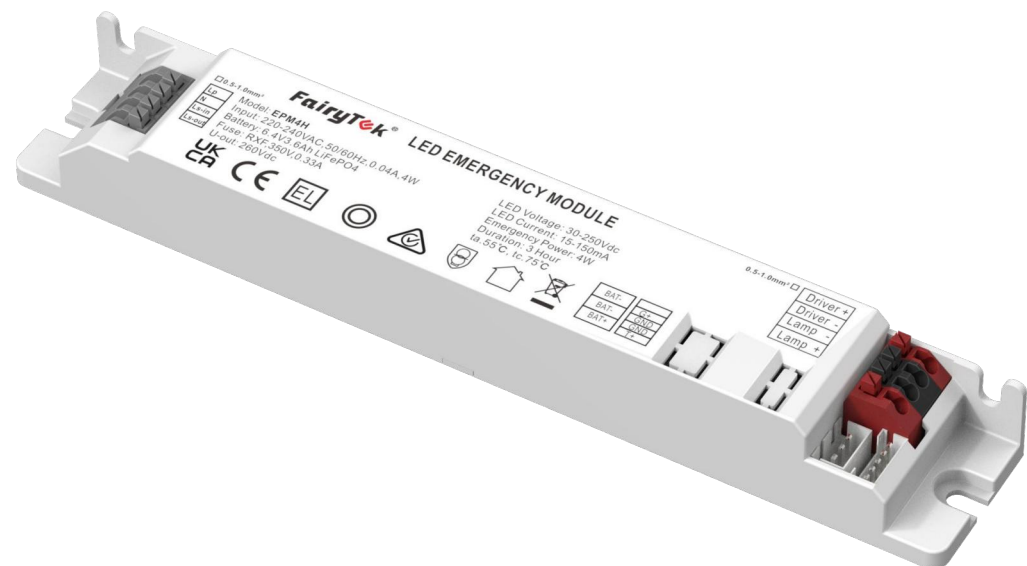
Model	Input	EM. output	Duration	Battery
EP02WI	220-240Vac	2W CP. 10-55Vdc	180mins	LiFePO <sub>4</sub> 6.4v1.5Ah
EP02WI-S	220-240Vac	2W CP. 10-55Vdc	180mins	LiFePO <sub>4</sub> 6.4v1.5Ah
EP03WI	220-240Vac	3W CP. 10-55Vdc	180mins	LiFePO <sub>4</sub> 6.4v3.2Ah
EP03WI-S	220-240Vac	3W CP. 10-55Vdc	180mins	LiFePO <sub>4</sub> 6.4v3.2Ah
EP04WI	220-240Vac	4W CP. 10-55Vdc	180mins	LiFePO <sub>4</sub> 6.4v3.2Ah
EP04WI-S	220-240Vac	4W CP. 10-55Vdc	180mins	LiFePO <sub>4</sub> 6.4v3.2Ah
EP05WI	220-240Vac	5W CP. 10-55Vdc	150mins	LiFePO <sub>4</sub> 6.4v3.2Ah
EP06WI	220-240Vac	6W CP. 10-55Vdc	120mins	LiFePO <sub>4</sub> 6.4v3.2Ah
EP08WI	220-240Vac	8W CP. 10-55Vdc	90mins	LiFePO <sub>4</sub> 6.4v3.2Ah

\* EP02WI-S , EP03WI-S and EP04WI-S are self test versions.

### Dimensions



# LED Emergency Module



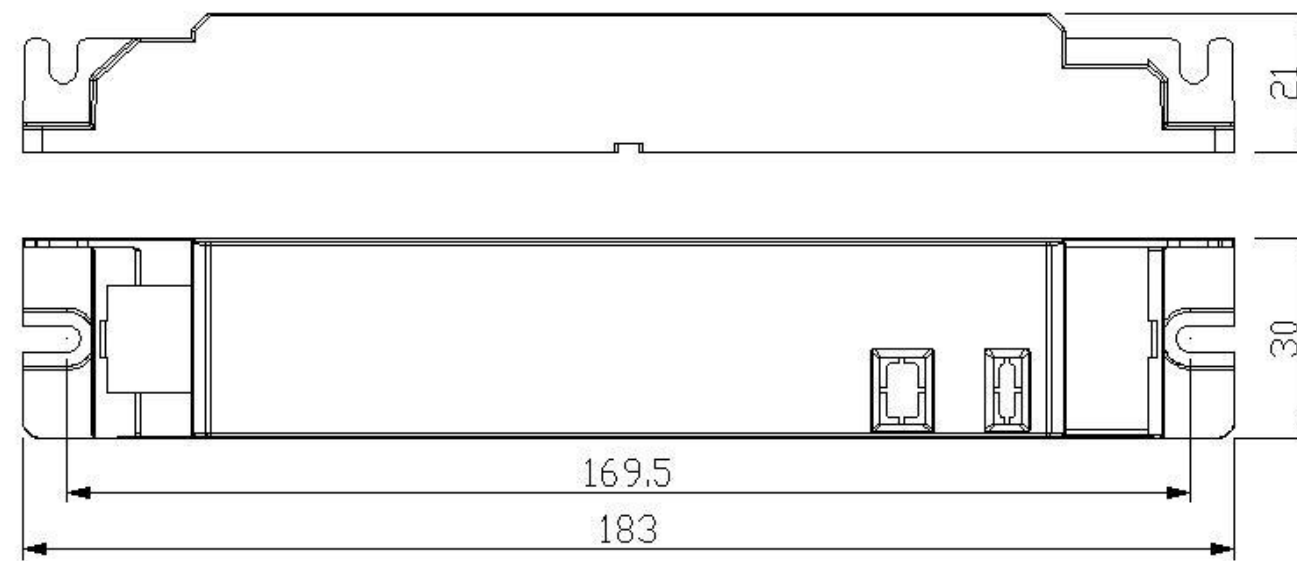
- 30-250V and 2W, 3W, 4W emergency output
- Constant emergency power output
- Duration time: 180mins
- PC case, size: 183x30x21 mm
- High temperature LiFePO<sub>4</sub> battery
- Indicator and test switch included
- 3 years warranty
- CE, SAA and RoHS compliance.
- Overcharge protection, deep discharge protection and short circuit protection included

## Specifications

Model	Input	EM. output	Duration	Battery
EPM2H	220-240Vac	2W/30-250V	180mins	LiFePO4 6.4v1.6Ah
EPM2HST	220-240Vac	2W/30-250V	180mins	LiFePO4 6.4v1.6Ah
EPM3H	220-240Vac	3W/30-250V	180mins	LiFePO4 6.4v1.6Ah
EPM3HST	220-240Vac	3W/30-250V	180mins	LiFePO4 6.4v1.6Ah
EPM4H	220-240Vac	4W/30-250V	180mins	LiFePO4 6.4v3.6Ah
EPM4HST	220-240Vac	4W/30-250V	180mins	LiFePO4 6.4v3.6Ah

- ★ EPM2H, EPM3H and EPM4H are manual test version, with green charge indicator
- ★ EPM2HST, EPM3HST and EPM4HST are self test version, with green/yellow indicator or green/red indicator

## Dimensions



**Applications :** LED batten, Linear, Tri-proof light

# LED Emergency Module

## Small Size Series



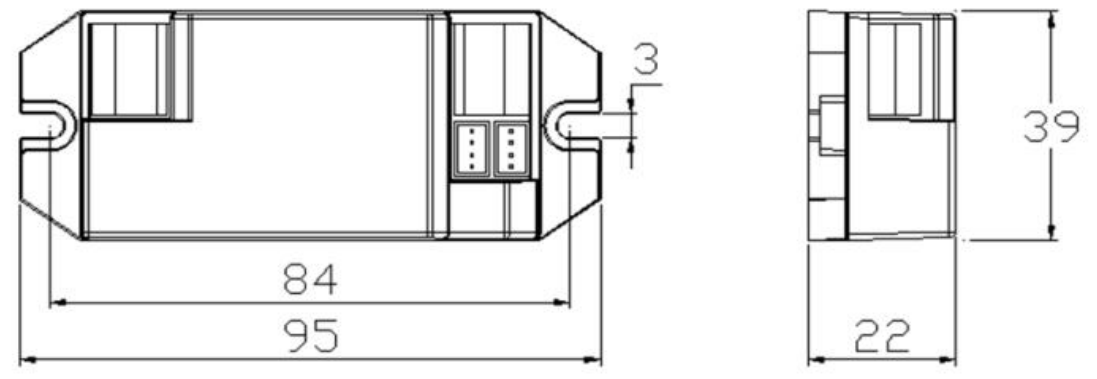
- Constant power output
- High temperature LiFePO<sub>4</sub> battery
- Duration time: 90mins, 180mins
- PC housing and small size design
- CE, SAA and RoHS compliance
- Overcharge protection, deep discharge protection and short circuit protection included

**Applications :** Ceiling Light, Batten

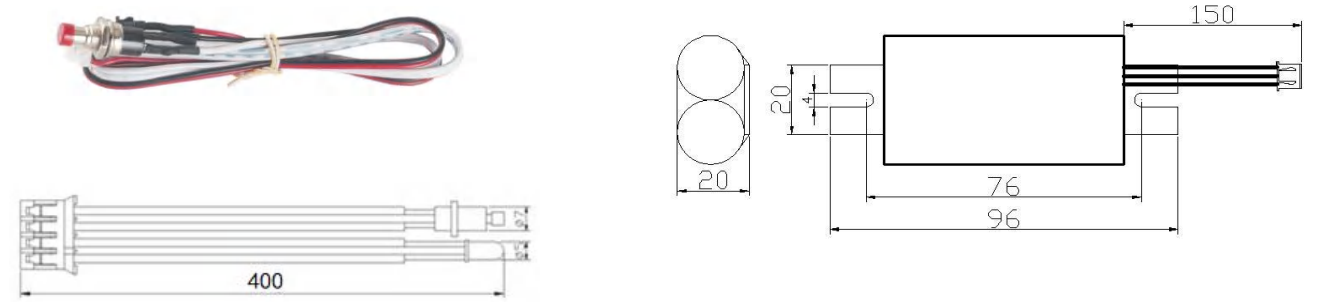
### Specifications

Model	Input	EM. output	Duration	Battery
EPC20L	220-240Vac	2W CP. 10-50Vdc	180mins	LiFePO4 3.2v3.0Ah
EPC20H	220-240Vac	2W CP. 50-200Vdc	180mins	LiFePO4 3.2v3.0Ah

### Dimensions



### Battery and Test Switch



# Integrated Emergency Module

## Screw Free Design



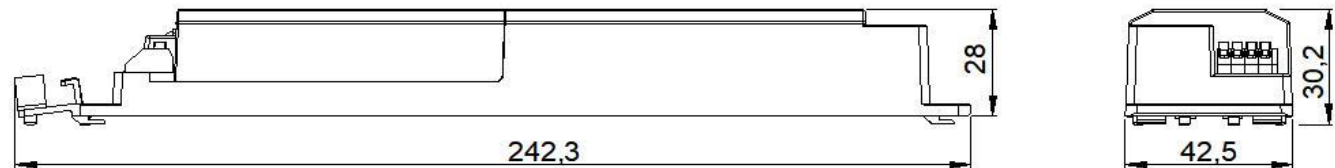
- Constant emergency power output, 20-250Vdc , 2W
- Screw free for installation and battery replacement
- Duration time: 180mins
- Build-in high temperature LiFePO<sub>4</sub> battery
- PC case, size: 243x42x28 mm
- Green indicator and test switch
- 3 years warranty
- CE, SAA and RoHS compliance
- Overcharge protection, deep discharge protection and short circuit protection included

**Applications :** LED Emergency Batten, Linear, Tri-proof light

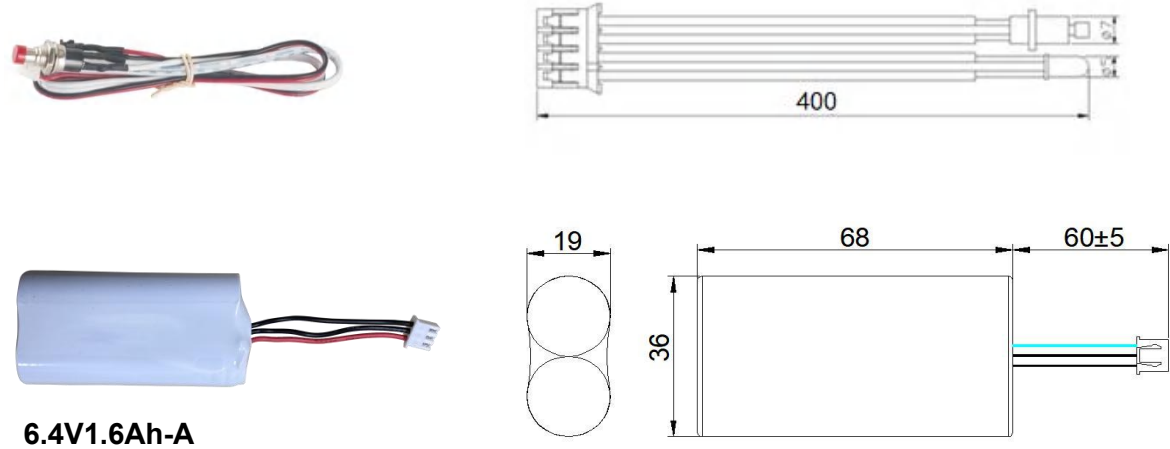
### Specifications

Model	Input	EM. output	Duration	Battery
Q-EP02H	220-240Vac	2W CP. 20-250Vdc	180mins	LiFePO <sub>4</sub> 6.4V1.6Ah
Q-EP02HST	220-240Vac	2W CP. 20-250Vdc	180mins	LiFePO <sub>4</sub> 6.4V1.6Ah

### Dimensions



### Battery and Test Switch



# Integrated Emergency Module



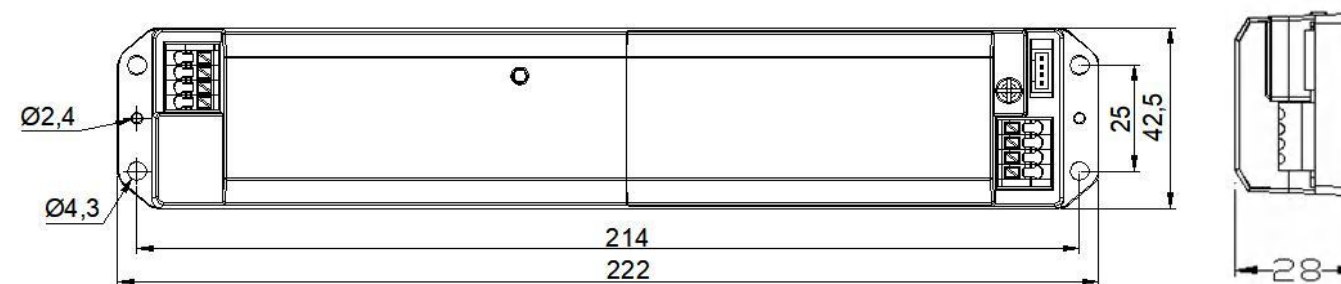
- Constant emergency power output, 20-250Vdc , 2W
- Duration time: 180mins
- Build-in high temperature LiFePO<sub>4</sub> battery
- PC case, size: 222x42x28 mm
- Overcharge protection, deep discharge protection and short circuit protection included
- 3 years warranty
- CE, SAA and RoHS compliance

**Applications :** LED Emergency Batten, Linear, Tri-proof light

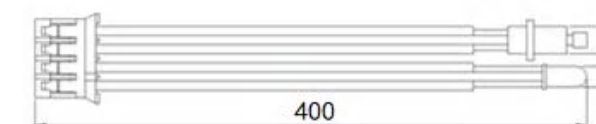
## Specifications

Model	Input	EM. output	Duration	Battery
I-EP02H	220-240Vac	2W CP. 20-250Vdc	180mins	LiFePO <sub>4</sub> 6.4V1.6Ah
I-EP02HST	220-240Vac	2W CP. 20-250Vdc	180mins	LiFePO <sub>4</sub> 6.4V1.6Ah

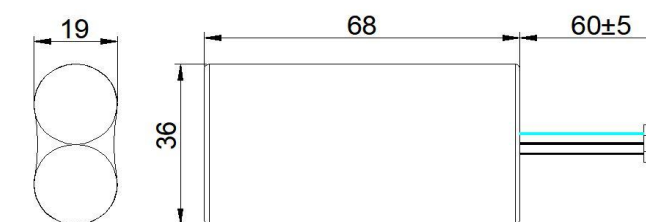
## Dimensions



## Battery and Test Switch



**6.4V1.6Ah-A**



# LED Emergency Module

## High Power(CP) Series



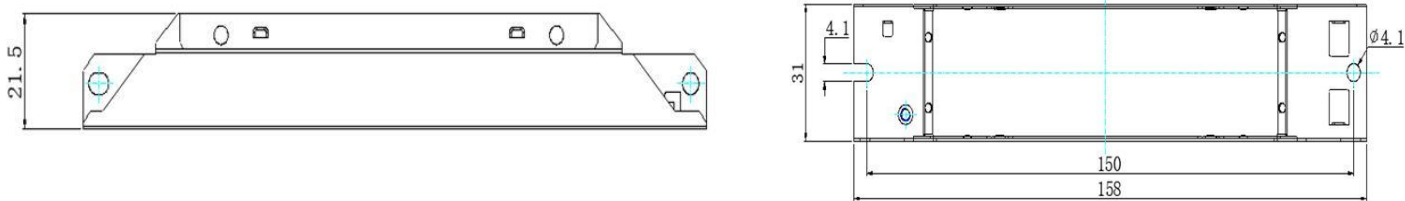
- 10-50Vdc and 2W, 4W, 6W, 8W, 12W Constant power emergency output
- Duration time: 60mins, 90mins, 120mins, 180mins
- CE, SAA and RoHS compliance
- Package size : 350mm\*190mm\*230 mm , 16 PCS/CTN
- High temperature LiFePO<sub>4</sub> battery
- Metal case and small size design
- Overcharge protection, deep discharge protection and short circuit protection included

**Applications :** Batten, Linear, Tri-pooof Light

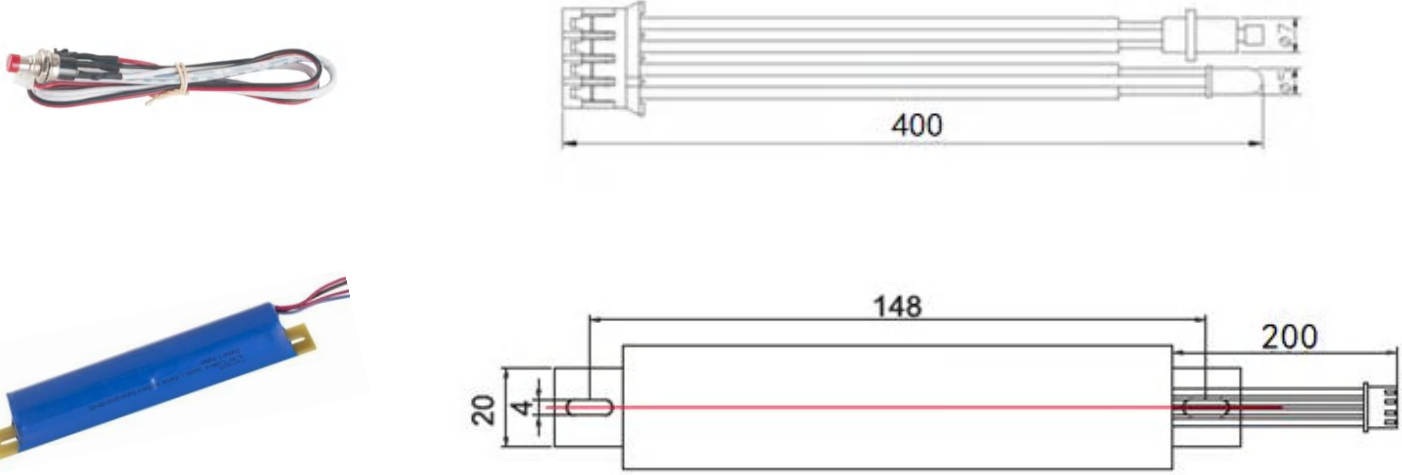
### Specifications

Model	Input	EM. output	Duration	Battery
EP02W	220-240Vac	2W CP. 15-48Vdc	180mins	LiFePO4 6.4v1.5Ah
EP04W	220-240Vac	4W CP. 15-48Vdc	180mins	LiFePO4 6.4v3.2Ah
EP06W	220-240Vac	6W CP. 15-48Vdc	150mins	LiFePO4 6.4v3.2Ah
EP08W	220-240Vac	8W CP. 15-48Vdc	120mins	LiFePO4 6.4v3.2Ah
EP10W	220-240Vac	10W CP. 15-48Vdc	90mins	LiFePO4 6.4v3.2Ah
EP12W	220-240Vac	12W CP. 15-48Vdc	90mins	LiFePO4 6.4v3.2Ah

### Dimensions

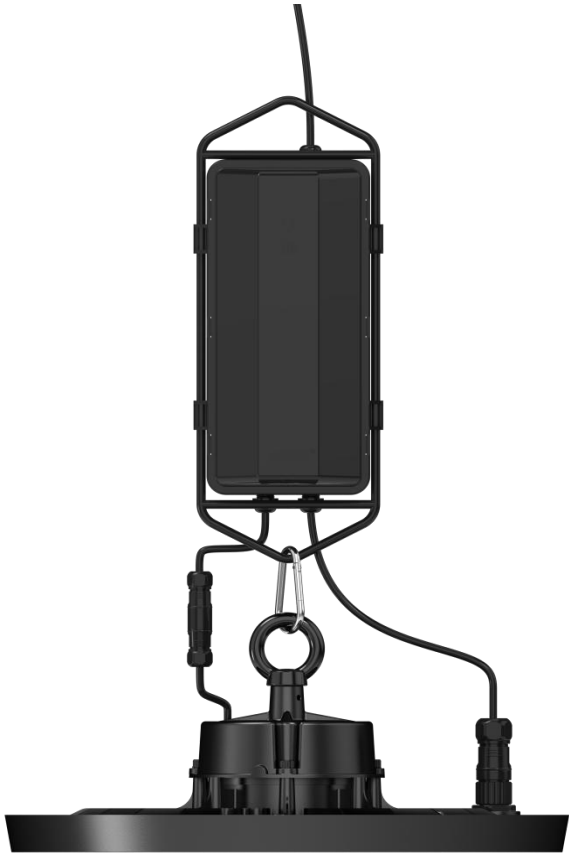


### Battery and Test Switch



# Highbay Emergency Pack

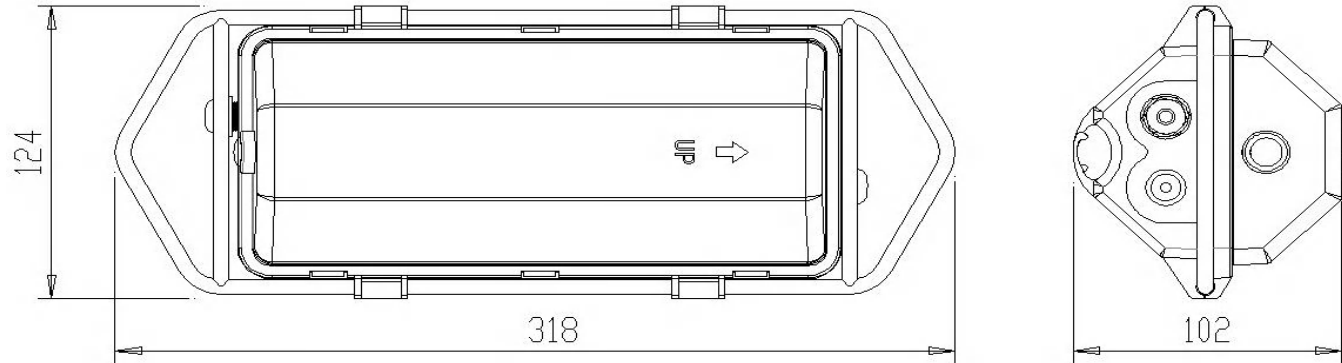
30~250V, Self Test



### Specification

Model	Input	EM. output	Duration	Battery
EPH07W-C	220-240Vac	7W 30-250Vdc	180mins	LiFePO4 6.4v6.6Ah

### Dimensions



- Constant emergency power output: 30-250Vdc , 7W emergency output
- Self test design
- Duration time: 180mins
- PC shell, IP65
- High temperature LiFePO<sub>4</sub> battery
- Test switch and green/red indicator
- 3 years warranty
- CE and RoHS compliance
- Overcharge protection, deep discharge protection and short circuit protection included

**Applications :** LED Emergency Highbay

# Highbay Emergency Downlight

## 1000Lm, Self Test, EPH7DL

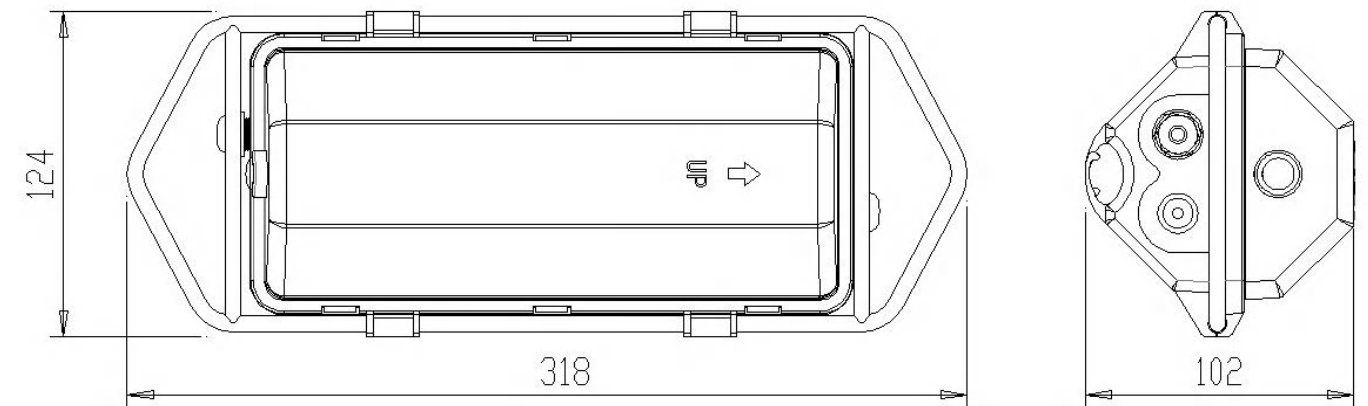


- Self-test version design
- Duration time: 180mins
- Black PC shell, aluminum lamp head, IP65
- High temperature LiFePO<sub>4</sub> battery
- Test switch included, green and yellow indicator
- 6500K, 7W emergency power, 1000Lm
- Overcharge protection, deep discharge protection and short circuit protection included
- 3 years warranty
- CE and RoHS compliance

### Specifications

Power supply	220-240Vac, 50/60Hz
Power consumption	7W Max. and 1W standby
Emergency output	7W
Recharge time	24Hours
Duration	3 hours
Battery	6.4V6Ah, LiFePO4
Operating temperature	0-50°C
Lumens	1000 lm
CCT	6500K
CRI	>70
IP Rating	IP65
Lamp Size	φ50x55

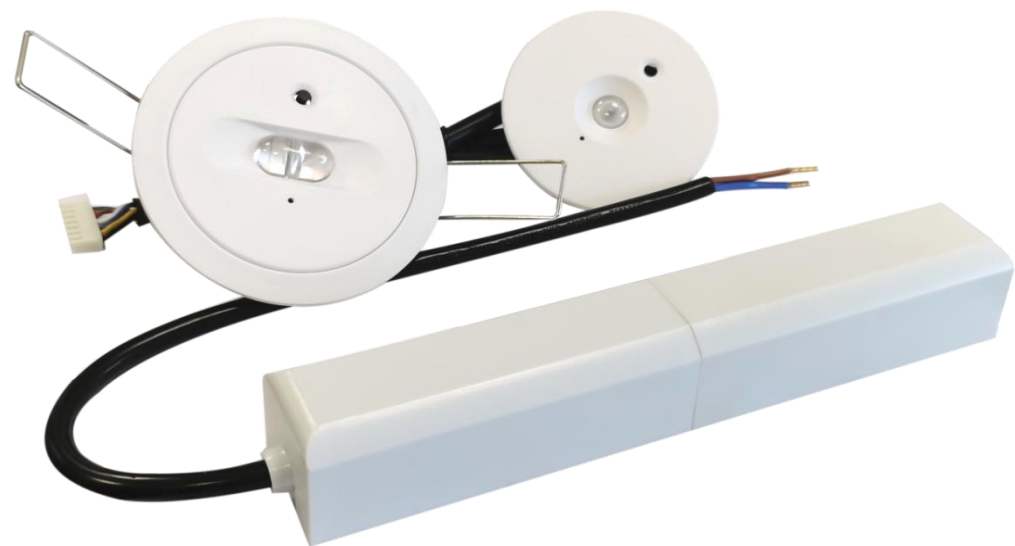
### Dimensions



**Applications :** LED Emergency Highbay

# FL-D3ES

## Switched Self-test Emergency DownLight



### Features

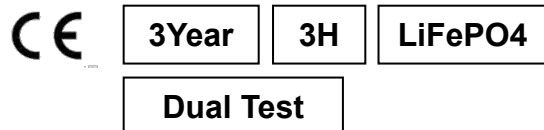
- Switched self-test design
- Come with circular lens and corridor lens
- High power LED
- Built in LiFePO4 battery
- Non-maintained operation
- Intelligent charge and discharge
- 3 hours emergency duration
- Recessed mounting
- Cut out :  $\Phi 50$

### Materials

- Driver housing: PC, 850°C glow wire test
- Panel: PC, 850°C glow wire test

### Standard Compliance

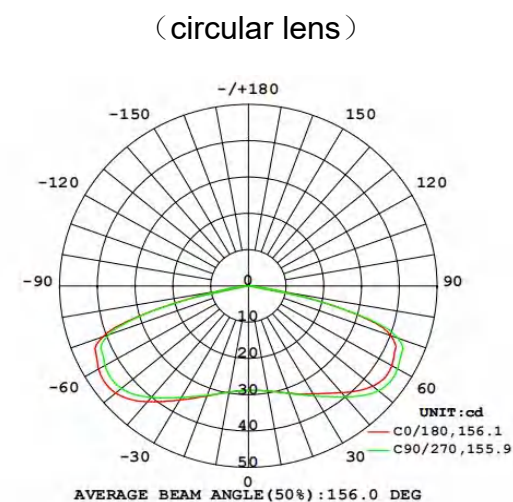
- IEC 60598.2.22
- IEC 60598.1
- IEC 55015
- IEC 61000
- IEC 62133
- IEC 61347-2-7



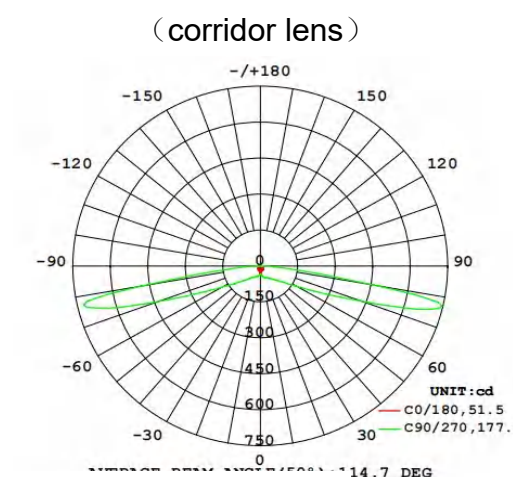
### Technical Specifications

Mains Supply	220-240VAC ,50/60Hz
Power	2 W
Duration Time	3 Hours
Recharge Period	24 Hours
Battery Size & Type	LiFePO4 3.2V1.6Ah
CCT	5700 K
CRI	70
Luminous Flux	200 lm
Beam angle	50° /170° (corridor lens) 150° /150° (circular lens)
Protection class	Class II
Operating Temperature	0-40 °C
Cut Out	$\Phi 50$ mm

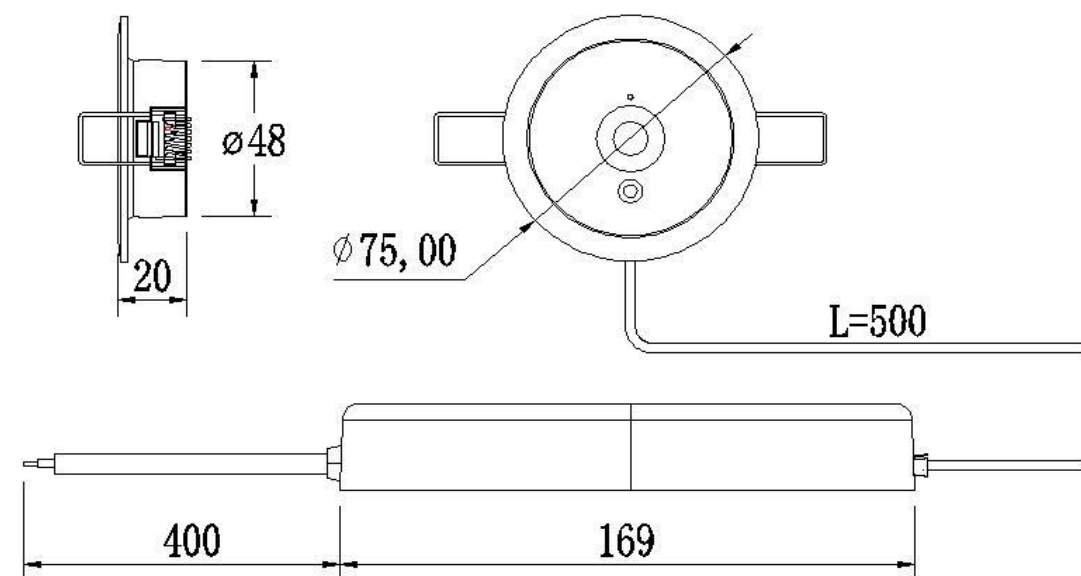
### Photometric Datasheet



### Photometric Datasheet



### Dimensions



# FL-D40A

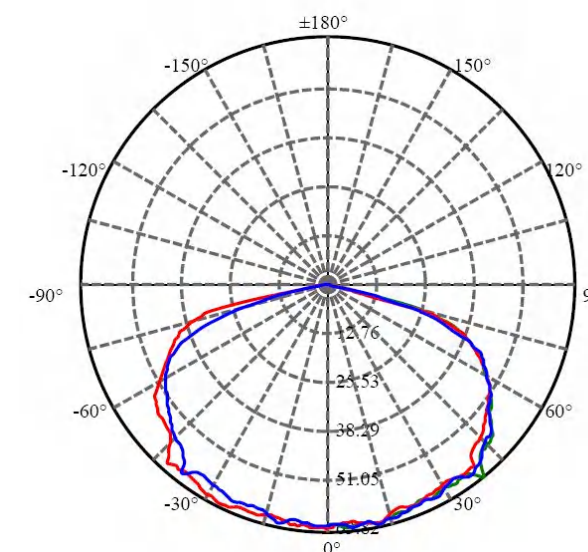
## Non-maintained Emergency Downlight, D40



### Technical Specifications

Mains Supply	220-240VAC ,50/60Hz
Power	2 W
Duration Time	3 Hours
Recharge Period	16 Hours
Battery Size & Type	LiFePO4 3.2V1.6 Ah
LED Power	1.6 W (emergency)
CCT	6500 K
CRI	70
Luminous Flux	230 lm (emergency)
Beam angle	140°
Protection class	Class II
Operating Temperature	0-40 °C
Cut Out	Φ70-130 mm

### Photometric Datasheet



### Features

- Recessed mounting
- Built in LiFePO4 battery
- Non-maintained
- Intelligent charge and discharge
- 3 hours emergency duration
- OSRAM high power LED
- D40 or D32 emergency classification
- Φ84mm small panel with Φ145mm trim

### Materials

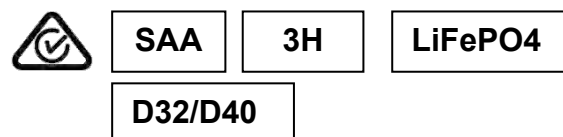
- Driver housing: PC, 850°C glow wire test
- Lamp: PC, 850°C glow wire test

### Standard Compliance

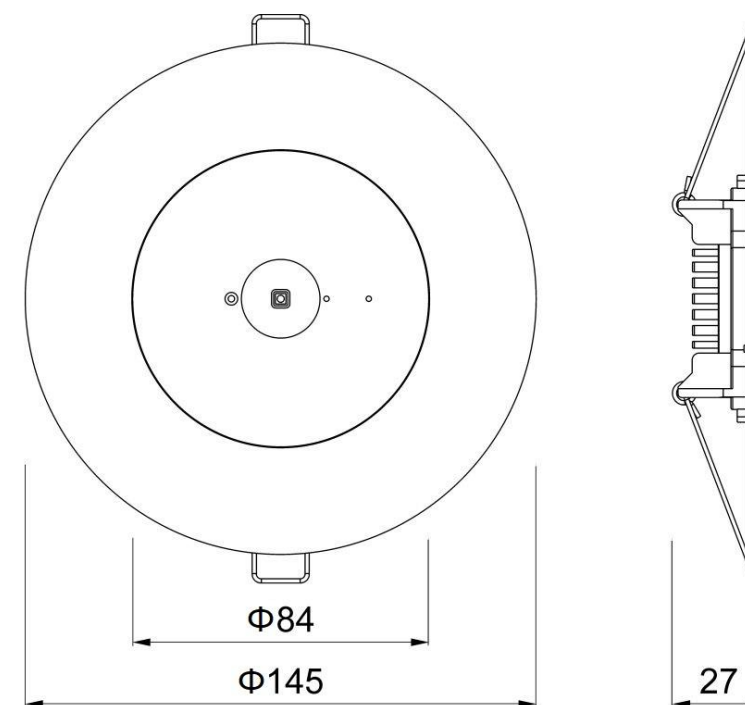
- AS2293.3
- IEC 60598.2.22
- IEC 60598.1
- IEC 60598.2.2
- AS CISPR 15
- IEC 62133
- IEC 61347-2-7

### Accessories

- IP65 ceiling mounting box (PC)
- IP20 ceiling mounting box (steel)



### Dimensions



# FL-EMD80

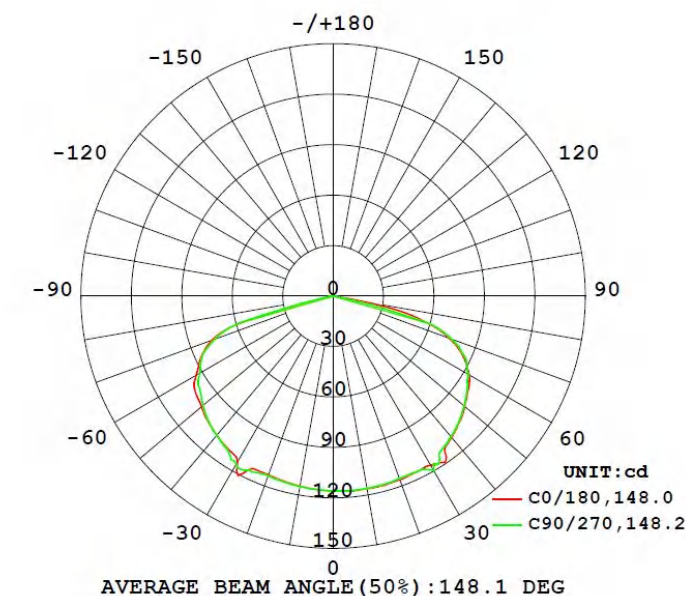
## Non-maintained Emergency Downlight, D80



### Technical Specifications

Mains Supply	220-240VAC ,50/60Hz
Power	2 W
Duration Time	2 Hours
Recharge Period	16 Hours
Battery Size & Type	LiFePO4 6.4V1.5 Ah
LED Power	3.2 W (emergency)
CCT	5700 K
CRI	70
Luminous Flux	450 lm (emergency)
Beam angle	142°
Protection class	Class II
Operating Temperature	0-40 °C
Cut Out	Φ76-130 mm

### Photometric Datasheet



### Features

- Recessed mounting
- Built in LiFePO4 battery, non-replaceable
- Non-maintained and manual test switch
- Intelligent charge and discharge
- 2 hours emergency duration
- High power LED
- D80 emergency classification
- Φ84mm small panel with Φ145mm trim
- IP65 ceiling mounting box is optional
- With 1.2meter flex and plug

### Materials

- PC, 850°C glow wire test

### Standard Compliance

- AS2293.3
- AS 60598.2.22
- AS/NZS 60598.1
- AS/NZS 60598.2.2
- AS CISPR 15
- IEC62133
- AS61347-2-7

### Accessories

- IP65 ceiling mounting box (plastic)
- IP20 ceiling mounting box (metal)

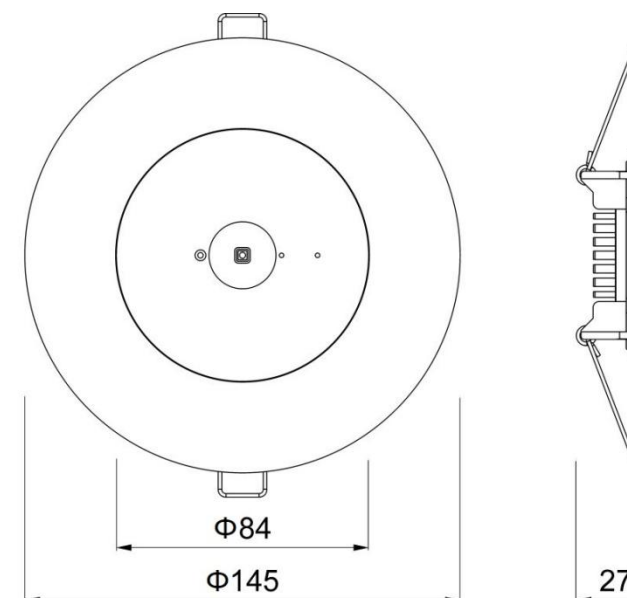


AS2293

2H

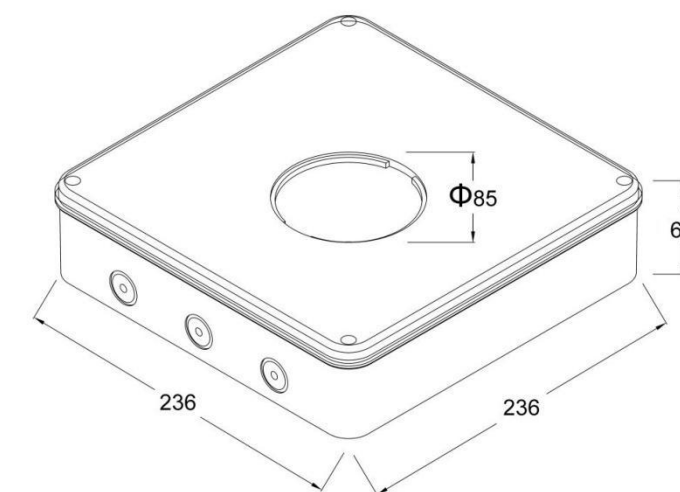
LiFePO4

### Dimensions



### Accessories

IP65 ceiling mounting box



# FL-D3ES-CH

## Surface Mounting Emergency Downlight



### Features

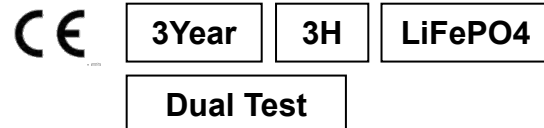
- Self-test design
- Come with open area and corridor lens
- High power LED
- LiFePO4 battery included
- Non-maintained operation
- Intelligent charge and discharge
- 3 hours emergency duration
- Ceiling surface mounting
- Φ145mm x 44mm

### Materials

- PC+ABS, 850°C glow wire test

### Standard Compliance

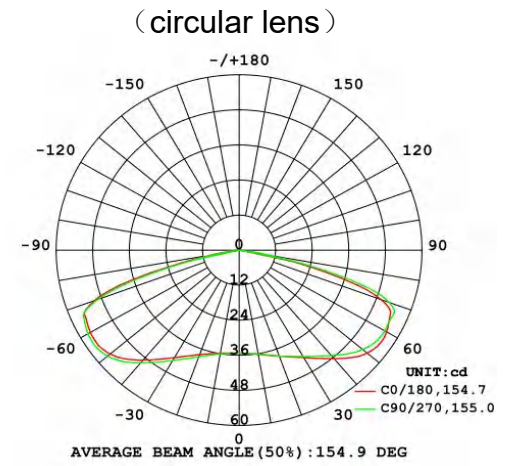
- IEC 60598.2.22
- IEC 60598.1
- IEC 55015
- IEC 61000
- IEC 62133
- IEC 61347-2-7



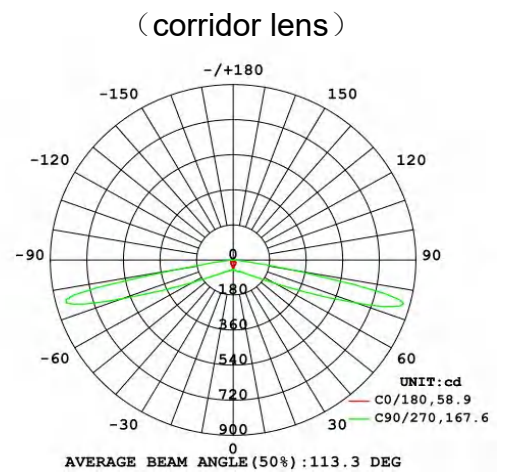
### Technical Specifications

Mains Supply	220-240VAC ,50/60Hz
Power	2 W
Duration Time	3 Hours
Recharge Period	24 Hours
Battery Size & Type	LiFePO4 3.2V3.6 Ah
CCT	5700 K
CRI	70
Luminous Flux	300 lm (FL-D3ES-CH)
Beam angle	50° /170° (corridor lens) 150° /150° (circular lens)
Protection class	Class II
Operating Temperature	0-40 °C
IP rating	IP20

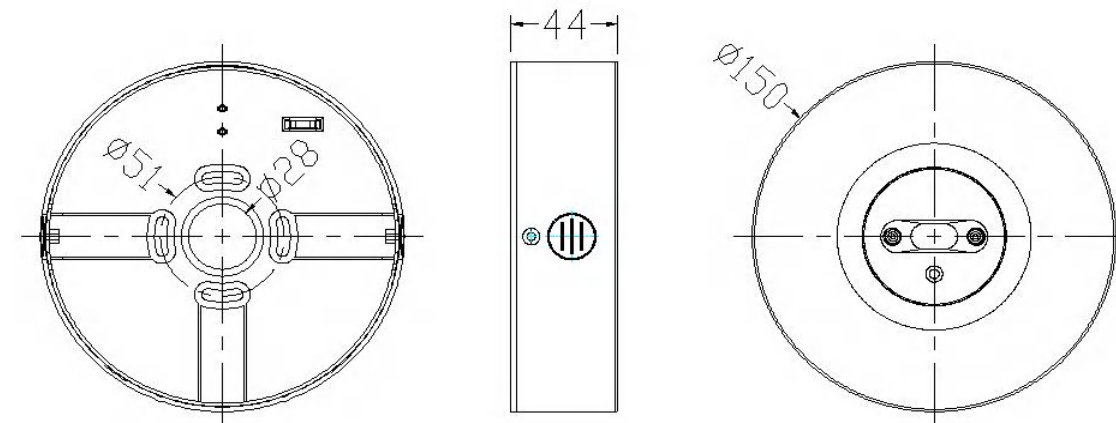
### Photometric Datasheet



### Photometric Datasheet



### Dimensions



# FL-TS3

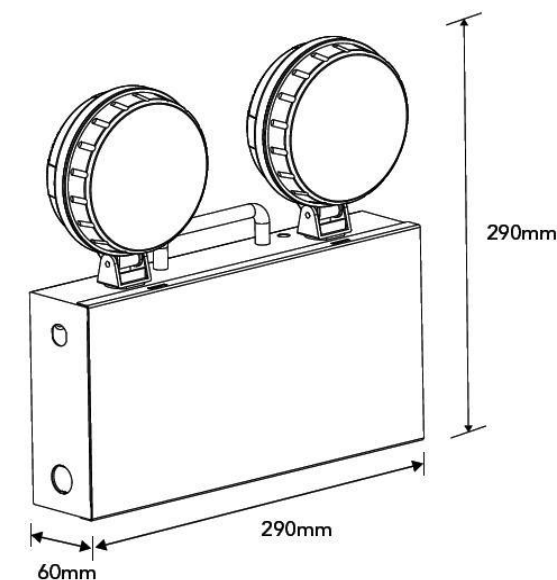
## LED Twin Spots



### Technical Specifications

Mains Supply	220-240 VAC ,50/60Hz
Power	2.5 W
Duration Time	3 Hours
Recharge Period	24 Hours
Battery Size & Type	LiFePO4 3.2V3.6Ah
LED Power	1.5W x 2 (emergency)
CCT	6500 K
CRI	70
Luminous Flux	300 lm (emergency)
Beam Angle	N/A
Protection Class	Class I
Operating Temperature	0-40 °C

### Dimensions



### Features

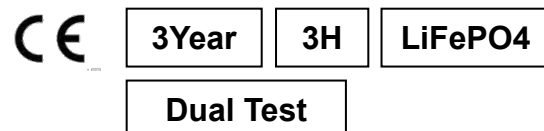
- Dual test (manual and self-test)
- LiFePO4 battery, replaceable
- Non-maintained operation
- Intelligent charge and discharge
- 3 hours emergency duration
- 290mm\*60mm\*290mm
- 1.298kg
- IP20
- Plastic head and steel base

### Standard Compliance

- IEC 2293.3
- IEC 60598.2.22
- IEC 60598.1
- IEC AS CISPR 15
- IEC 62133
- IEC 61347-2-7

### Materials

- Base: steel
- Lamp head: PC+ABS
- Diffuser: PC



# FL-TS3WP

## LED Weatherproof Twin Spots, IP65



### Technical Specifications

Model	FL-TS3WPA	FL-TS3WPB	FL-TS3WPC
Mains Supply	220-240VAC ,50/60Hz	220-240VAC ,50/60Hz	220-240VAC ,50/60Hz
Input Power	4W max	4W max	4W max
Duration Time	3 Hours	3 Hours	3 Hours
Recharge Period	16 Hours	16 Hours	16 Hours
Battery Size & Type	LiFePO4 6.4V1.6Ah	LiFePO4 6.4V3.6Ah	LiFePO4 6.4V6Ah
LED Power	1.0 W x 2 (emergency)	2.5 W x 2 (emergency)	4 W x 2 (emergency)
CCT	6500K	6500K	6500K
CRI	80	80	80
Luminous Flux	400 lm (emergency)	900 lm (emergency)	1500 lm (emergency)
Self Test	dual test	dual test	dual test
Protection Class	Class II	Class II	Class II
Operating Temperature	0-50 °C	0-50 °C	0-50 °C

### Features

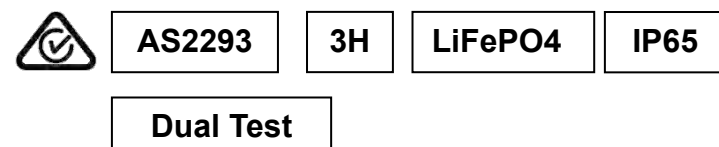
- Plastic housing, PC, IP65
- Wall mounting and ceiling mounting
- LiFePO4 battery, replaceable
- Non-maintained operation
- Intelligent charge and discharge
- 3 hours emergency duration
- Dual test switch-manual and self test
- With flex and plug

### Standard Compliance

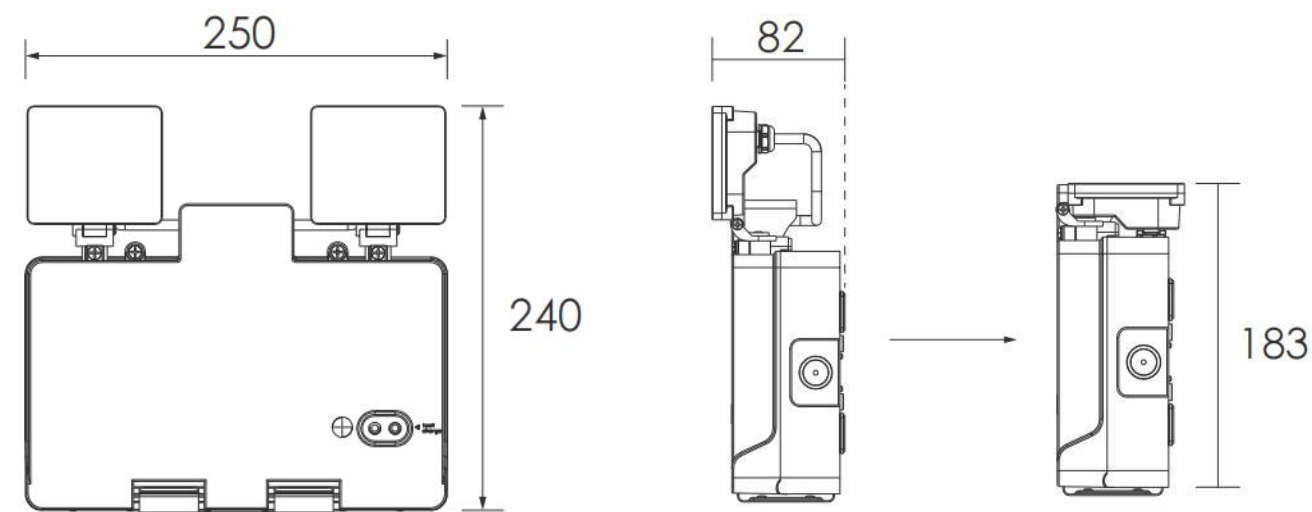
- AS2293.3
- AS 60598.2.22
- AS/NZS 60598.1
- AS CISPR 15
- IEC62133
- AS61347-2-7

### Accessories

- Ceiling mounting kit is optional

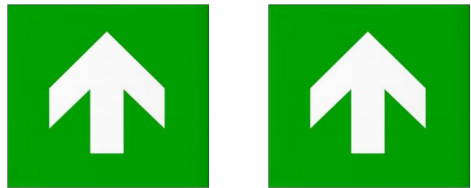
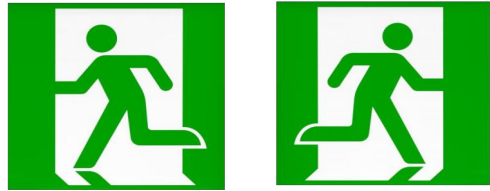


### Dimensions



# FL-MEV24

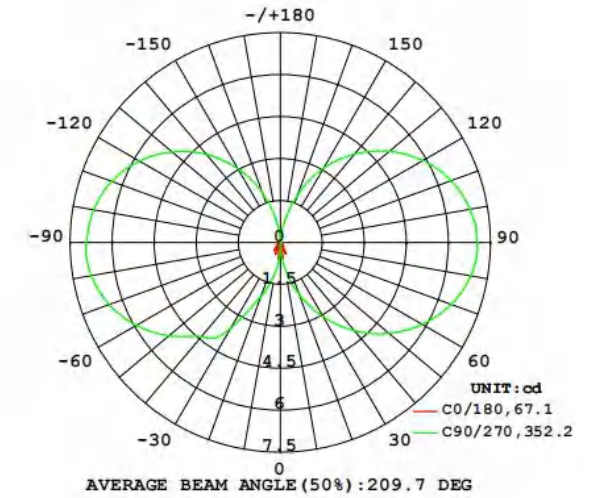
## All-in-one Blade



### Technical Specifications

Mains Supply	220-240VAC ,50/60Hz
Power	4 W
Duration Time	3 Hours
Recharge Period	24 Hours
Battery Size & Type	LiFePO4 3.2 V1.6 Ah
LED Power	0.7 W (emergency) 1.0 W (maintained)
CCT	6500 K
CRI	70
Luminous Flux (with legend)	30 lm (emergency) 40 lm (maintained)
View Distance	24 m
Protection Class	Class II
Self Test	Yes
Operating Temperature	0-40 °C

### Photometric Datasheet



### Features

- Dula test design
- Six installation methods
- The arrow legends can towards four directions
- LiFePO4 battery, replaceable
- Maintained or Non-maintained operation
- 3 hours emergency duration
- Viewing distance: 24m
- Come with arrow and running man legends
- Steel wire length is adjustable, 1000mm max

### Standard Compliance

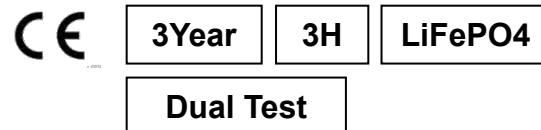
- IEC 60598.2.22
- IEC 60598.1
- IEC 62133
- IEC 61347-2-7

### Accessories

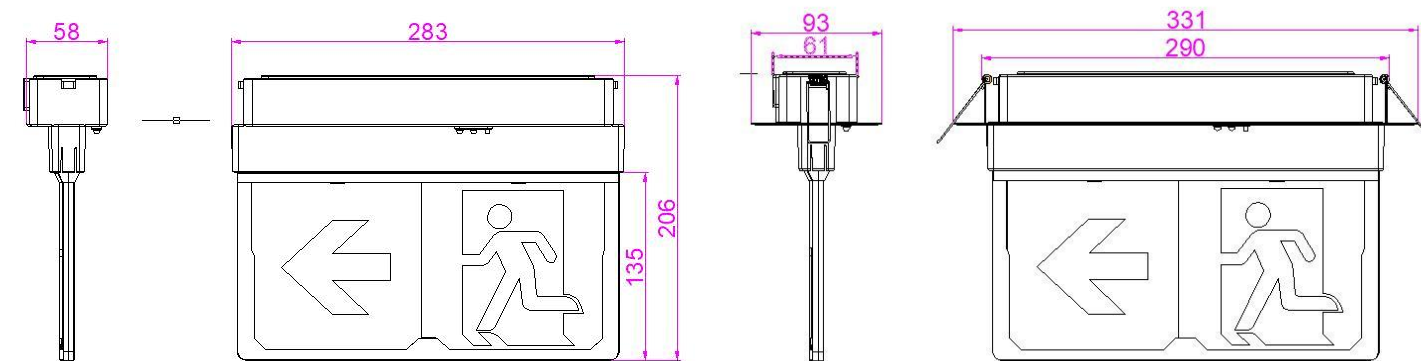
- Side mounting bracket is optional
- Recessed bracket is optional

### Materials

- Housing: PC
- Diffuser/legend: PMMA



### Dimensions



# FL-EBOXS

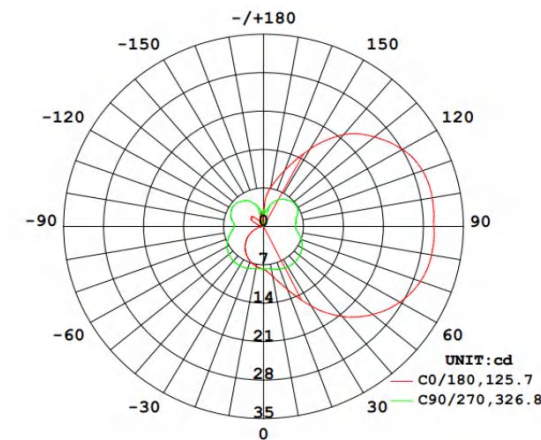
## Steel Exit Box



### Technical Specifications

Mains Supply	220-240VAC ,50/60Hz
Power	4 W
Duration Time	3 Hours
Recharge Period	24 Hours
Battery Size & Type	LiFePO4 3.2 V1.6 Ah
LED Power	0.7 W (emergency) 1.0 W (maintained)
CCT	6500 K
CRI	70
Luminous Flux (with legend)	20 lm (emergency) 45 lm (maintained)
View Distance	30 m
Beam Angle	N/A
Protection Class	Class I
Operating Temperature	0-40 °C

### Photometric Datasheet



### Features

- Dual test design
- Viewing distance: 30m
- Push terminal block
- Come with up arrow legend
- Down, left and right arrow legends are option
- LiFePO4 battery, replaceable
- Non-maintained or maintained operation
- Intelligent charge and discharge
- 3 hours emergency duration
- Wall mounting
- 390mm\*60mm\*192mm

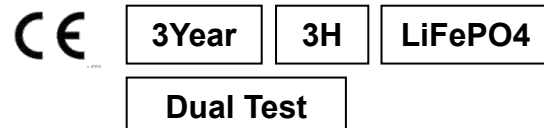
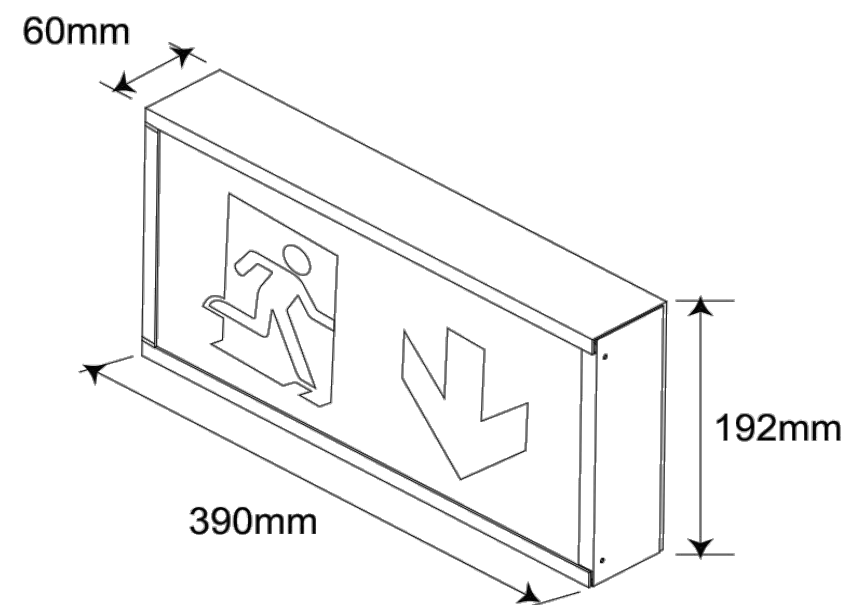
### Standard Compliance

- IEC 60598.2.22
- IEC 60598.1
- IEC 62133
- IEC 61347-2-7

### Materials

- Housing: steel with white coating
- Diffuser/legend: PMMA

### Dimensions



# FL-E4QV

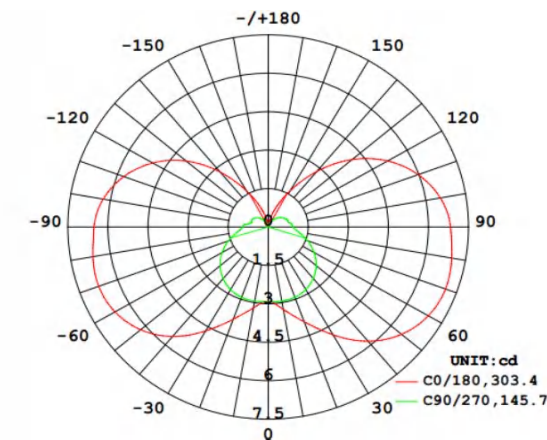
## Quick Fit Exit Box



### Technical Specifications

Mains Supply	220-240VAC ,50/60Hz
Power	4 W
Duration Time	3 Hours
Recharge Period	16 Hours
Battery Size & Type	LiFePO4 3.2 V1.5 Ah
LED Power	0.7 W (emergency) 1.0 W (maintained)
CCT	6500 K
CRI	70
Luminous Flux (with legend)	40 lm (emergency) 60 lm (maintained)
View Distance	24 m
Beam Angle	N/A
Protection Class	Class II
Operating Temperature	0-40 °C

### Photometric Datasheet



### Features

- Viewing distance:24m
- Classification: C0/D3.2, C90/D2
- Self test is option
- LiFePO4 battery, replaceable
- Non-maintained or maintained operation
- Intelligent charge and discharge
- 3 hours emergency duration
- Wall or ceiling mounting
- 350mm\*219mm\*79mm
- IP20

### Standard Compliance

- AS 2293-3
- IEC 60598.2.22
- IEC 60598.1
- AS CISPR 15
- IEC 62133
- IEC 61347-2-7

### Materials

- Housing: PC, 850°C glow wire test
- Diffuser: PS, 650°C glow wire test
- Legend: PC

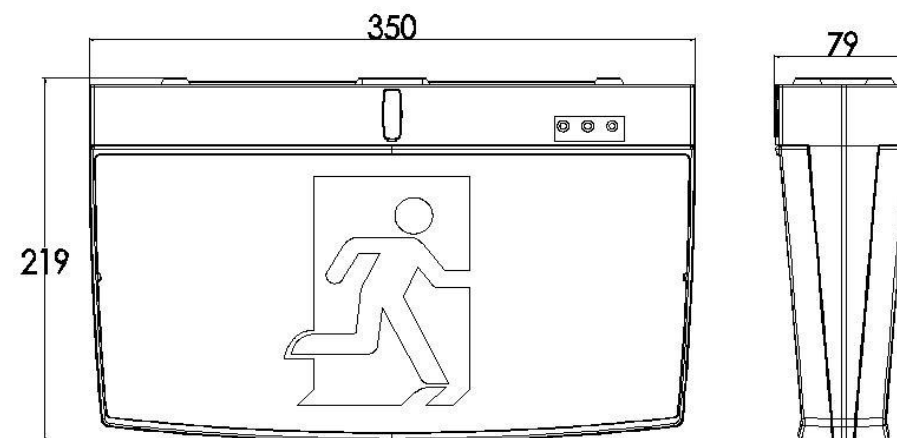


AS2293

3H

LiFePO4

### Dimensions



# FL-E4QE

## Quick Fitting Blade



### Features

- Viewing distance:24m
- Classification: C0/D5, C 90/D2.5
- Four PC legends included
- Self test is customizable
- LiFePO4 battery, replaceable
- Maintained operation
- Intelligent charge and discharge
- 3 hours emergency duration
- Wall or ceiling mounting
- 392mm\*244mm\*85mm
- IP20

### Materials

- Base: PC, 850°C glow wire test
- Blade: 4mm PMMA
- Legend: PC

### Standard Compliance

- AS 2293-3
- IEC 60598.2.22
- IEC 60598.1
- AS CISPR 15
- IEC 62133
- IEC 61347-2-7



AS2293

3H

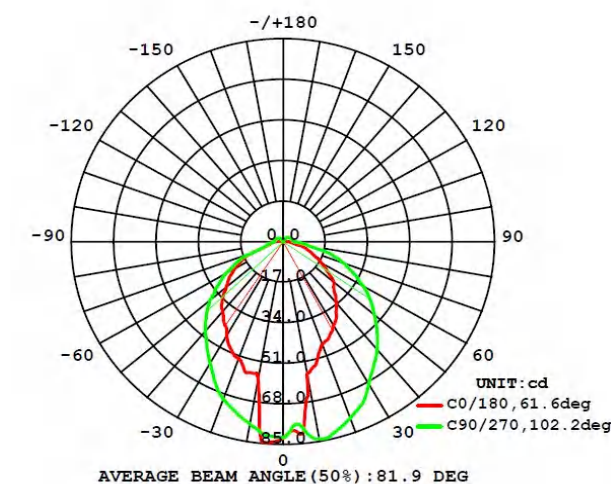
LiFePO4

### Technical Specifications

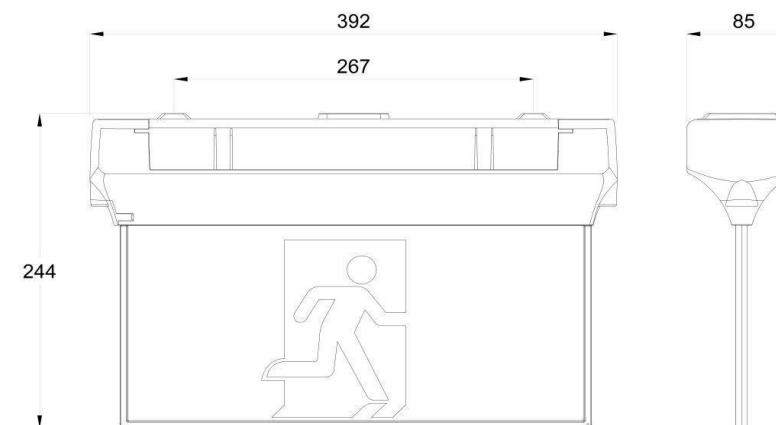
Mains Supply	220-240 VAC ,50/60Hz
Power	4 W
Duration Time	3 Hours
Recharge Period	16 Hours
Battery Size & Type	LiFePO4 3.2V1.5Ah
LED Power	0.7 W (emergency) 1.0 W (maintained)
CCT	6500 K
CRI	70
Luminous Flux (with legend)	45 lm (emergency) 60 lm (maintained)
View Distance	24 m
Beam Angle	N/A
Protection Class	Class II
Operating Temperature	0-40 °C

### Photometric Datasheet

(Emergency)



### Dimensions



# FL-E4DLiA

## Trad Exit Light



### Features

- Self test is customizable
- LiFePO4 battery, replaceable
- Non-maintained or maintained operation
- Intelligent charge and discharge
- 3 hours emergency duration
- Wall or ceiling mounting
- 380mm\*160mm\*108mm
- Ceiling mounting diffuser: C0/D8, C90/D6.3
- IP20

### Materials

- Housing: PC, 850°C glow wire test
- Diffuser: PS, 650°C glow wire test
- Legend: PC

### Standard Compliance

- AS 2293-3
- IEC 60598.2.22
- IEC 60598.1
- AS CISPR 15
- IEC 62133
- IEC 61347-2-7



AS2293

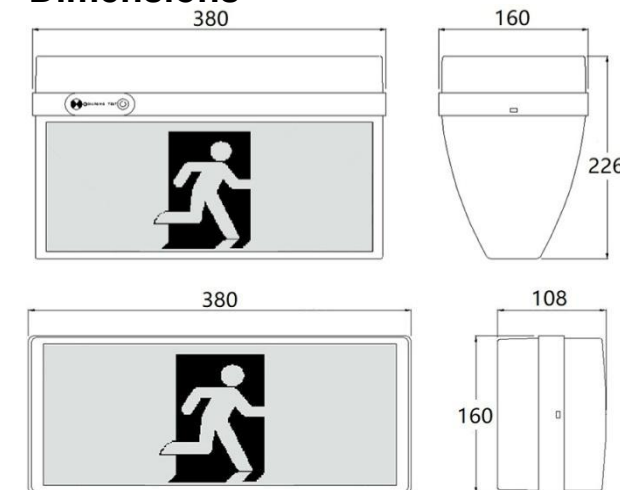
3H

LiFePO4

### Technical Specifications

Mains Supply	220-240VAC ,50/60Hz
Power	4 W
Duration Time	3 Hours
Recharge Period	16 Hours
Battery Size & Type	LiFePO4 3.2V1.5Ah
LED Power	0.7 W (emergency) 1.0 W (maintained)
CCT	6500 K
CRI	70
Luminous Flux (with legend)	50 lm (emergency) 75 lm (maintained)
View Distance	24 m
Beam Angle	N/A
Protection Class	Class II
Operating Temperature	0-40 °C

### Dimensions



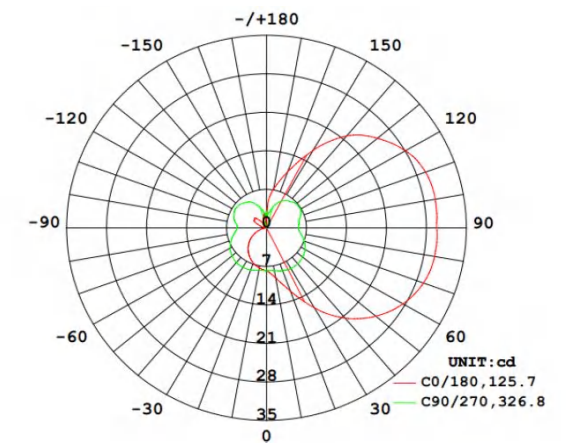
### Accessories

Ceiling mounting diffuser (option)

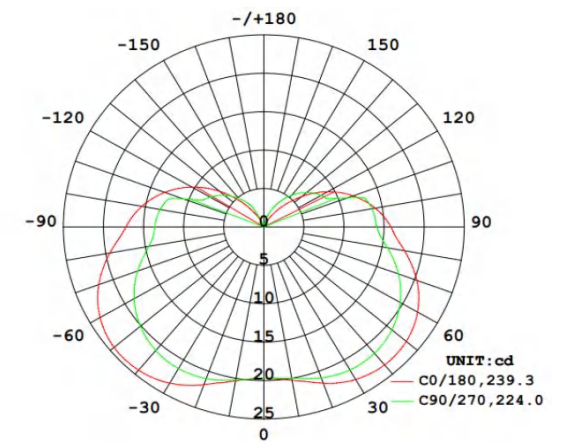


### Photometric Datasheet

Wall mounting diffuser



Ceiling mounting diffuser



# FL-EXP67

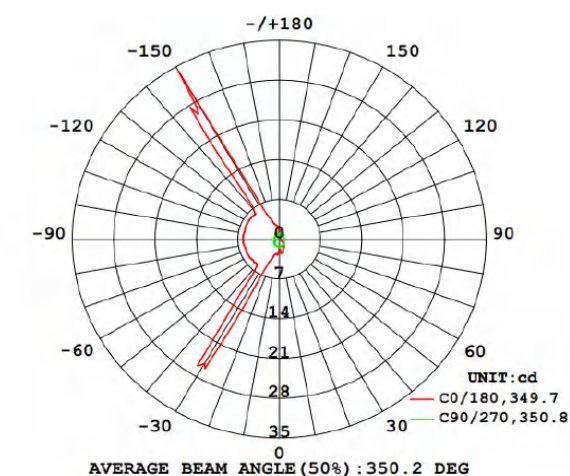
## IP67 Weatherproof Exit Light



### Technical Specifications

Mains Supply	220-240VAC ,50/60Hz
Power	4 W
Duration Time	3 Hours
Recharge Period	16 Hours
Battery Size & Type	LiFePO4 3.2V1.5Ah
LED Power	0.7 W (emergency) 1.0 W (maintained)
CCT	6500 K
CRI	70
Luminous Flux (with legend)	35 lm (emergency) 50 lm (maintained)
View Distance	24 m
Beam Angle	N/A
Protection Class	Class II
Operating Temperature	0-40 °C

### Photometric Datasheet



### Features

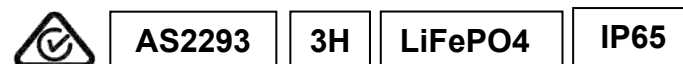
- Wall mounting only, IP67
- LiFePO4 battery, replaceable
- Non-maintained or maintained operation
- Intelligent charge and discharge
- 3 hours emergency duration
- Classification: C0/D1.6, C90/D1, C180/B1
- Self test is customizable
- Running man, left arrow, right arrow legends are optional

### Standard Compliance

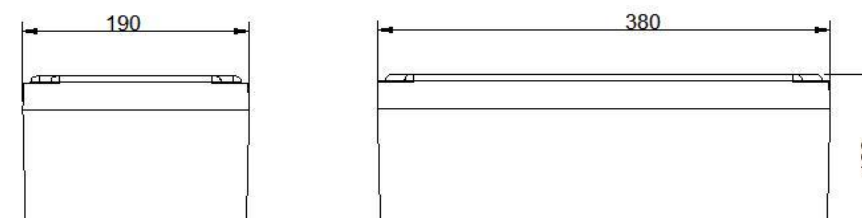
- AS2293.3
- AS 60598.2.22
- AS/NZS 60598.1
- AS CISPR 15
- IEC62133
- AS61347-2-7

### Materials

- Housing: ABS, 850°C glow wire test
- Diffuser: PS, 650°C glow wire test
- Legend: PC



### Dimensions



### Accessories



# FL-EJ40M

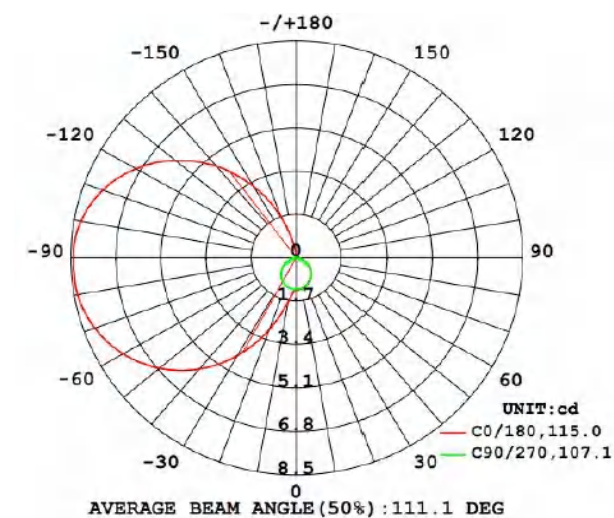
## Double-Sided JUMBO Exit Light



### Technical Specifications

Mains Supply	220-240VAC ,50/60Hz
Power	4 W
Duration Time	3 Hours
Recharge Period	16 Hours
Battery Size & Type	LiFePO4 3.2 V3.3 Ah
LED Power	1.5 W (emergency) 1.8 W (maintained)
CCT	6500 K
CRI	70
Luminous Flux (with legend)	30 lm (emergency)
View Distance	40 m
Beam Angle	N/A
Protection Class	Class I
Operating Temperature	0-40 °C

### Photometric Datasheet



### Features

- Wall or ceiling mounting, IP20
- LiFePO4 battery, replaceable
- Non-maintained or maintained operation
- Intelligent charge and discharge
- 3 hours emergency duration
- Classification: C0/D1.25,C90/C1,C180/C1

### Standard Compliance

- AS2293.3
- AS 60598.2.22
- AS/NZS 60598.1
- AS CISPR 15
- IEC62133
- AS61347-2-7



AS2293

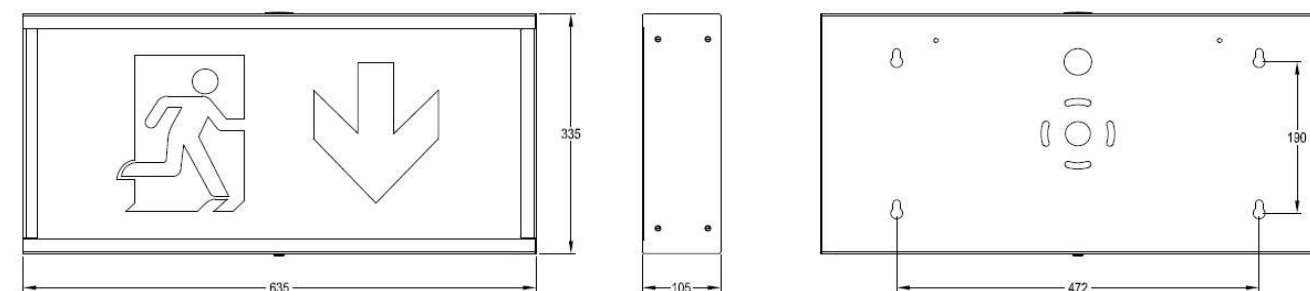
3H

LiFePO4

### Materials

- Housing: Iron sheet
- Diffuser: PC
- Legend: PC

### Dimensions



# FL-ES4W

## LED Exit Light



### Features

- Flush mounting, wall or recessed mounting
- Ni-Cd battery, replaceable
- Non-maintained or maintained operation
- 3 hours emergency duration
- View distance :30m
- Include test switch and four legends

### Standard Compliance

- IEC 60598.2.22
- IEC 60598.1
- EN 55015
- EN 61000
- IEC62133
- IEC61347-2-7

### Materials

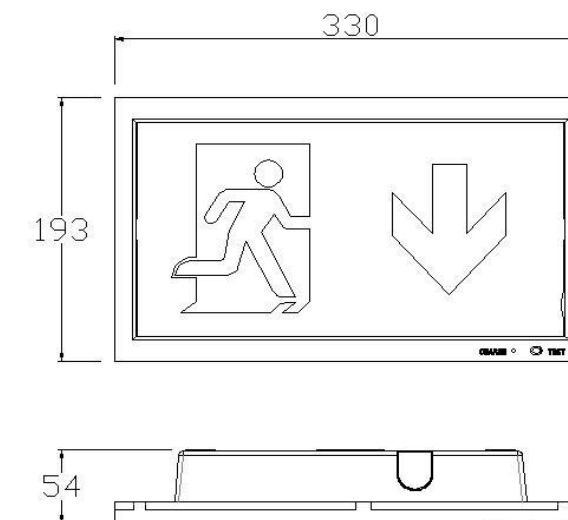
ABS, 850°C glow wire test



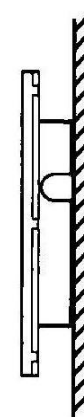
### Technical Specifications

Mains Supply	220-240 VAC ,50/60Hz
Power	4 W
Duration Time	3 Hours
Recharge Period	24 Hours
Battery Size & Type	Ni-Cd 3.6V900mAh
LED Power	1.0 W (maintained) 0.7 W (emergency)
CCT	6500K
CRI	70
Luminous Flux	30 lm
Beam Angle	110°
Protection Class	Class II
Operating Temperature	0-40 °C

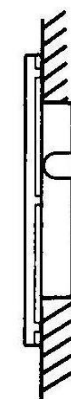
### Dimensions



### Mounting Type



Wall mounting



Flush mounting



Recessed mounting