

# Installation & Operating Instructions source

## SPAN-EM



### 1. Emergency Power Supply Box LED Lamp

#### Emergency Output 5W 3hrs

Types of lamps: AC85-265V/50-60HZ

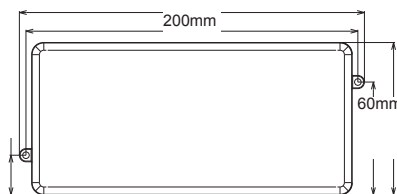
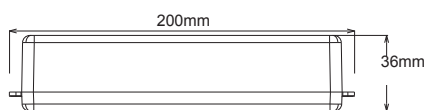
Input: AC85-265V/50-60HZ

Output: DC20-90V

Emergency pack box size: 200\*60\*36mm

Battery pack: 7.4V 2600mah Li-ion battery

Emergency Pack box weight: 500g



### 2. Emergency lighting parameters

Emergency output power: 5±1W

Charging time: ≥20hours

Emergency duration time: ≥180min

Conversion efficiency: ≥80%

Power Factor: ≥90%

Emergency Switching time: ≤ 1S

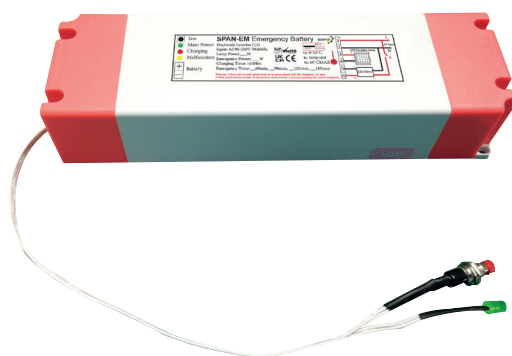
Lighting system: Continuous

The design life: 3 years

The warranty time: 2 years

Temperature range: -10°C+50°C

Humidity range: 65%±20%



### 3. Connection method

1. Connect Live Wire L + LED external driver live wire input. This line sets a wall switch S. The wall switch only c main power, no function on emergency lighting.

2. Connect the null line N + LED external driver null line input

3. Connect light positive

4. Connect light source's negative

5. Connect external driver's output negative

6. Connect external driver's output positive

### Installation

1. This product should be installed by a qualified electrician.

2. Switch off Mains before commencing installation

2. Connect the led lamp and charge the emergency pack before use.

3. Main power line: Live wire TL and null line N, connect to main power line directly.

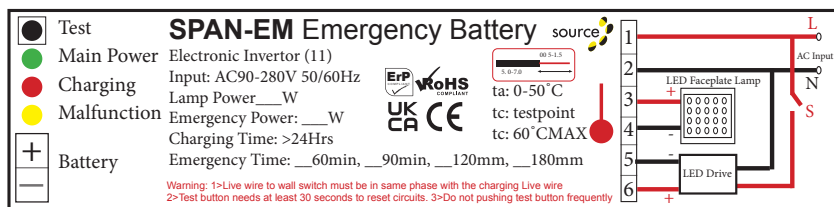
4. The wall switch only controls the main power, (no function on emergency lighting). The Switch live wire SL and charging live wire TL should be in the same phase.

5. Green light-main power. Test: test button

6. Indicator does not work works in emergency status.

7. The environment temperature of Emergency pack ranges from minus ten degrees centigrade to 50°C.

8. Do not frequency test. Each test interval is not less than one minute.



9. Emergency movement is the core device which controls the battery charge or discharge and starts the lighting when under emergency must ensure the wiring is correct.

10. After normal use, discharge once every three months for battery conservation and to extend the battery life. Once emergency lighting power is installed and put in use, check and maintain frequently

11. Please contact the manufacturer or supplier with any issues

**For more information contact:**



Solas Geal Distribution

Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, Ireland, A84 YP58,  
Phone: 00353 1 835 7447

Unit 32 Junction One Business Park, Valley Road, Birkenhead, Merseyside, UK, CH41 7ED,  
UK Ph: 0330 551 7000

Website: www.sgd.ie

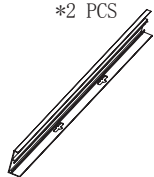
# Panel Ceiling Installation Manual

Code: SPAN-SURF FRAME

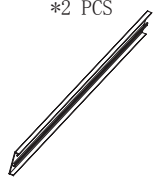


## 1. Components

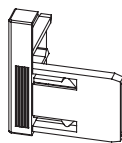
Frame A  
\*2 PCS



Frame B  
\*2 PCS



Corners  
\*4 PCS



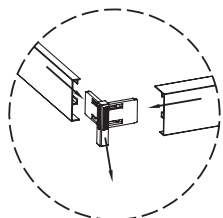
M4x25  
Self-tapping screws  
\*4 PCS



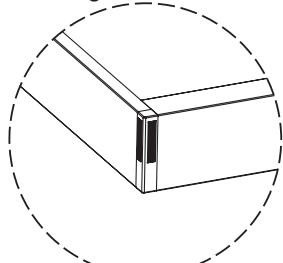
Expansion screw  
\*4 PCS



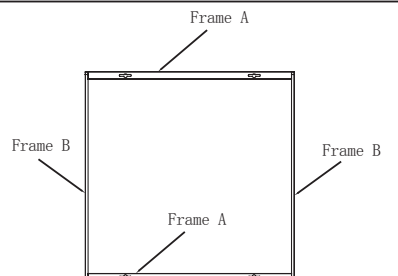
## 2. Assemble the frames according to the following illustration



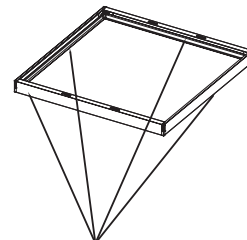
Corner hinge



Slot in place

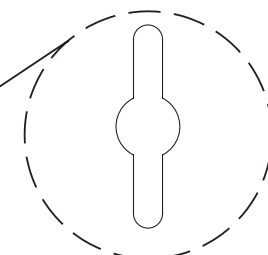
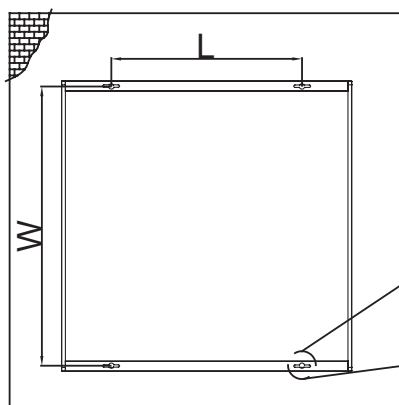


Keep the same frames in opposite side



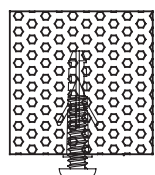
OK

## 3. Mark position details as below 394mm(L) x 577mm(W)

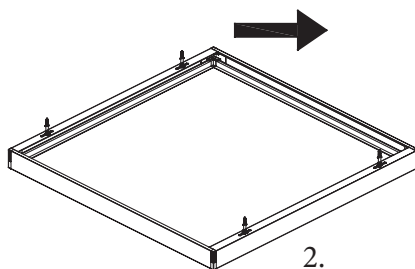


groove

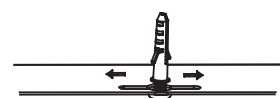
## 4. Installation



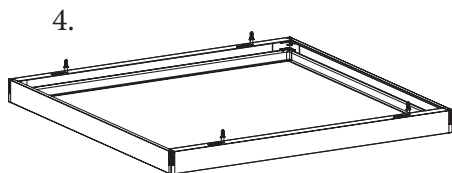
1.



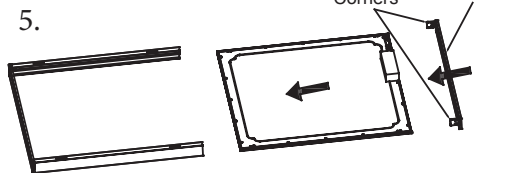
2.



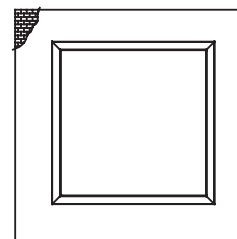
3.



4.



5.



6.

1. Drill 4 holes at marking position with expansion screws and self tapping screws (do not screw too tightly).
2. Install the assembled frame on the ceiling
3. Move and fix the ceiling frame, (left to right or right to left) through groove.
4. Tighten M4 x 25 self tapping screws.
5. Open the frame B on one side, insert the panel into the frame, then seal the frame with tightening screws.
6. Installation is complete.

For more information contact:

Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, Ireland, A84 YP58,  
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# SPAN-SUSP KIT

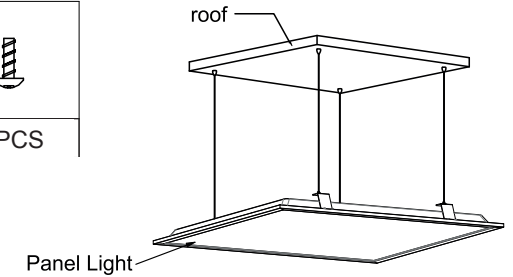
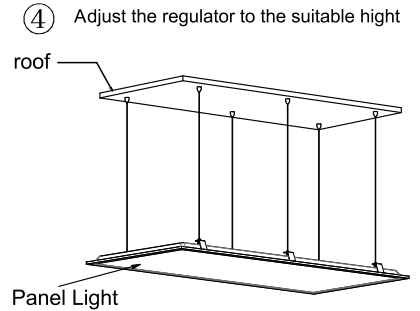
## Accessories for PANEL Suspension

Suitable for SPAN-CCT, SPAN-ST-4k



### Material composition

plastic expansion screw	M4*25 self-tapping screw	fixing part A	fixing part B	steel rope	regulator	nut	hanging part	M3*6 self-tapping screw	
Product Type									
For 300*600&600*600	4 PCS	4 PCS	4 PCS	4 PCS	4 PCS	4 PCS	4 PCS	4 PCS	8 PCS

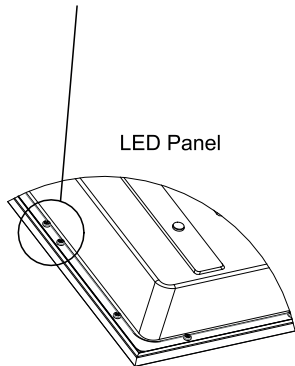


If the installation surface is too narrow, we suggest making the two fixing parts near to each other, please refer to drawing below.

### Installation

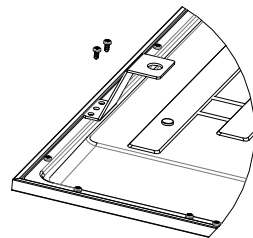
①

Remove M3\*6 screws of these positions



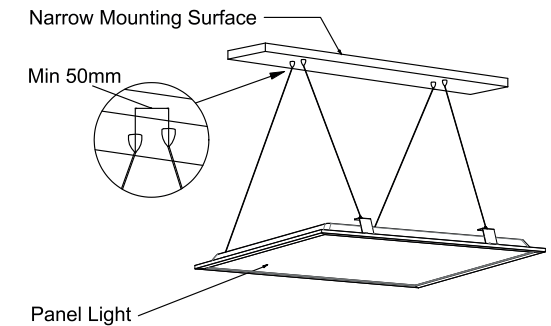
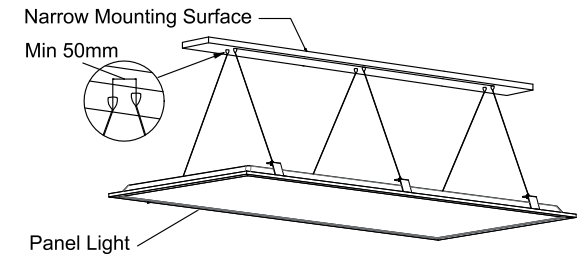
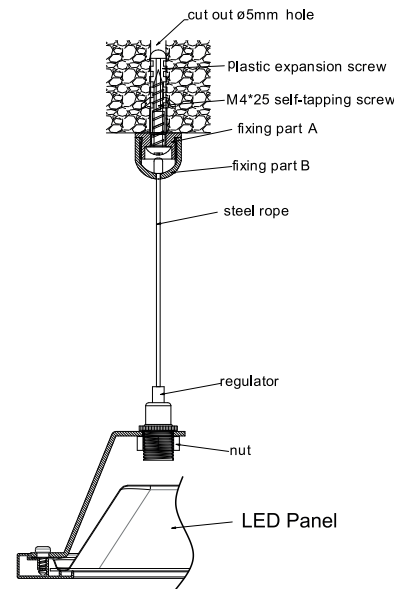
②

Fix the hanging parts with M3\*8 screws



③

Install as below diagram



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## **EU DECLARATION OF CONFORMITY**

**Manufacturers Name:** Solas Geal Distribution  
Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, A84 YP58.

**Declaration Number:**  
119-SPAN-EM

This declaration of conformity is issued under the sole responsibility of the manufacturer.

**Products:**  
4W EMERGENCY PACK WITH 3 HR BATTERY BACKUP

**Model Number:**  
SPAN-EM

The product/model of the declaration described above is in conformity with the relevant  
Community harmonisation legislation:

**Low Voltage Directive (2014/35/EU)**  
**EMC (2014/30/EU)**

The product/model of the declaration described above is in conformity with the standards  
and technical specifications listed below:

EN55015:2013+A1, EN61000-3-2:2014, EN61000-3-3:2013, EN61547:2009  
EN 61347-1:2008+A1: 2011+A2:2013, EN 61347-2-13: 2014, 62493: 2010

*Signed:*

*Date:*

*Place of Issue: Republic of Ireland*

