

## Fusion Outdoor Wallpack

Product Codes: **FUS/18-30W/CCT**

### Safety Warning



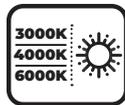
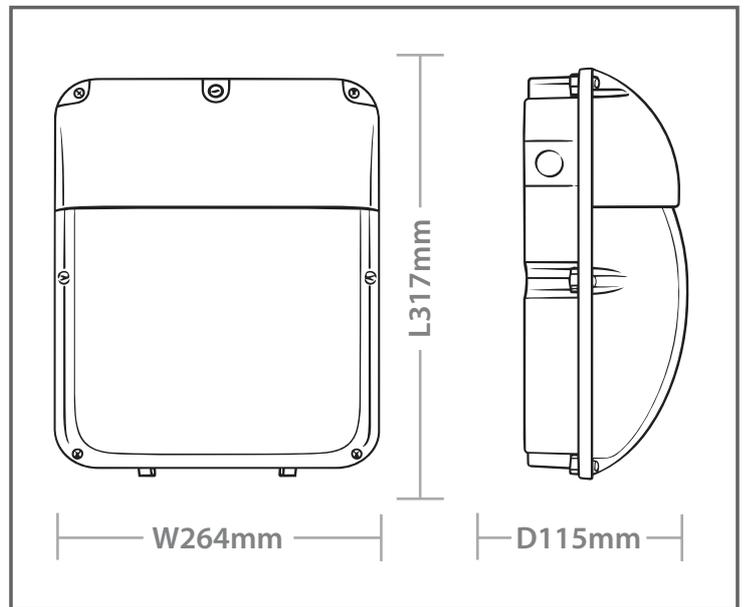
- The installation should be carried out by a qualified electrician in compliance with the current edition of the IEE Wiring Regulations.
- Prior to installation, carry out the necessary risk assessment considering the people who could be at risk, the level of risk and the precautions required to control the risk
- Ensure that the circuit supply is isolated either by the circuit supply fuse being removed or the applicable circuit breaker being turned off before installation or any maintenance.
- Check the total load on the circuit ensuring the luminaire does not exceed the rating of the circuit cable, fuse or circuit breaker.
- Long-term use and voltage fluctuations can reduce the life span of the fitting.
- If the fitting incorporates control gear, ensure careful sizing to avoid instances of nuisance tripping of the protective device used in the installation.
- Follow the provided installation instructions, using the fixings supplied or recommended.
- Keep out of reach of children.



### Specification

**Box Contents -**  
1 x Fusion Outdoor Wallpack

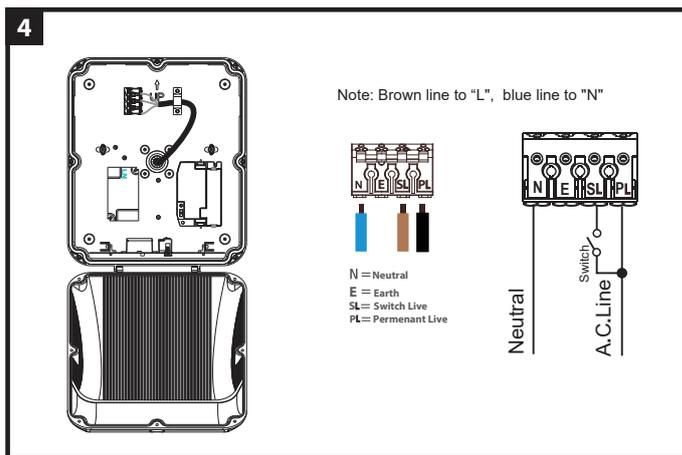
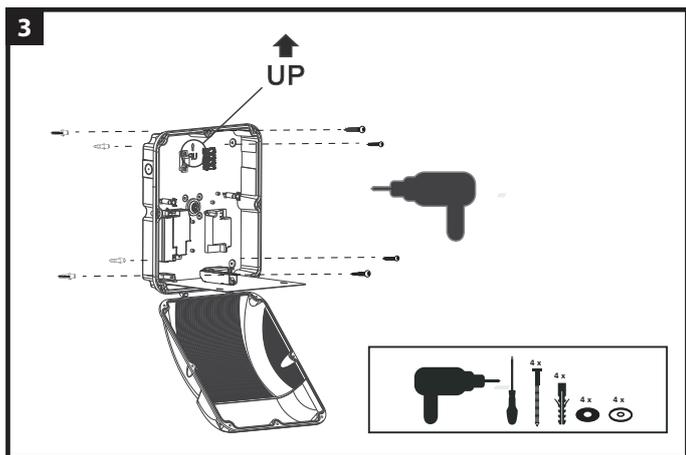
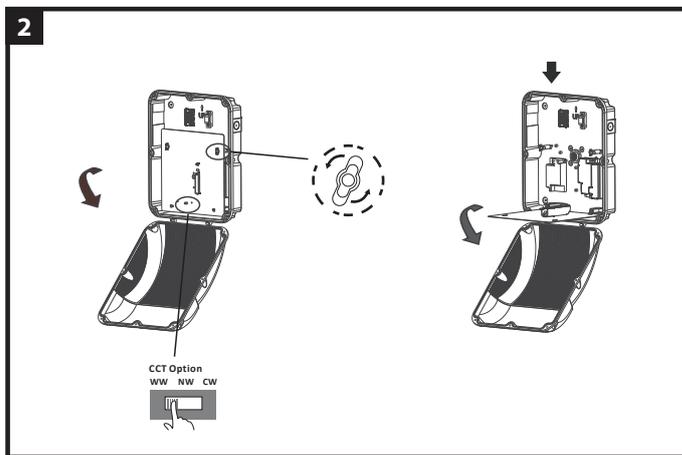
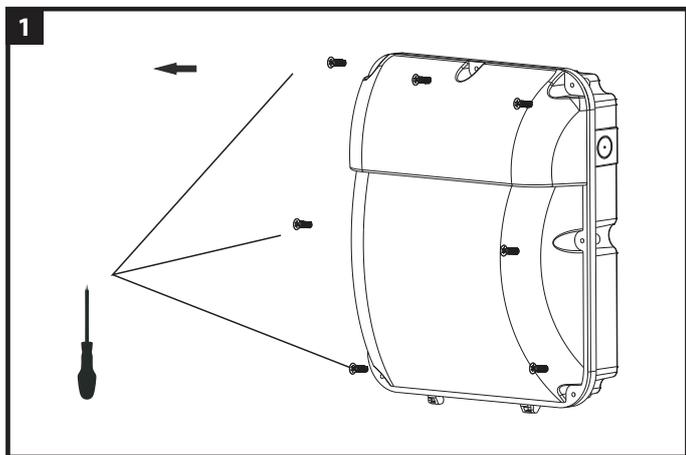
<b>Dimensions:</b>	L: 317 x W: 264 x D: 115 mm
<b>Material:</b>	Body: Polycarbonate Diffuser: Polycarbonate
<b>Colour Temperature:</b>	3000K   4000K   6000K
<b>CRI:</b>	Ra>80
<b>LED Lifetime:</b>	L70B50 50,000 Hours
<b>IP Rating:</b>	IP65
<b>IK Rating:</b>	IK10
<b>Working Temperature:</b>	Standard: -20°C to 50°C
<b>Power Factor:</b>	>0.9
<b>Warranty:</b>	5 Years



## Installation Instructions For Non-Emergency Version

1. Ensure power isolated. Select the correct supply cable type for outdoor use and suitable for the environment in which the fitting will be used.
2. Use a T20 pin torx (Wrench supplied) to release the screws holding the diffuser in position.
3. Remove the diffuser and mount the body in the desired location using the fixings provided, ensuring the IP ratings are maintained.
4. Remove the cable entry knockout and pass the supply cable into the fitting using a suitable IP rated connector. Connect to the terminal block as follows.

Live - Brown [L]  
 Earth - Green/Yellow [E]  
 Neutral - Blue [N]  
 Replace diffuser and turn on power



5. Select desired CCT using switch as shown [fig2]
6. Select wattage using dip switches on LED driver.
7. Replace diffuser ensuring the screws are securely tight to maintain IP rating.

## Installation Instructions For Emergency Versions

1-3. Follow instructions 1-3 as for Non-Emergency versions

4. Remove the cable entry knockout and pass the supply cable into the fitting using a suitable IP rated connector. Connect to the terminal block as follows.

[see figs 4C & 4D]:

Unswitched live - Black [L1]

Switched live - Brown [L]

Earth - Green/yellow 

Neutral - Blue [N]

5. **Photocell versions**

Follow instructions 1-4 as per standard version Fit photocell/sensor to the location on body using screws supplied. Plug the photocell/sensor in line to LED driver as shown in Fig a, set to desired settings as per photocell/sensor instructions Repeat steps 5-7

6. **Emergency versions**

Follow instructions 1-4 as per standard version

Fit emergency kit by clipping on to plastic tabs, follow installation guide provided with emergency kit [See Figure B]

Repeat steps 5-7.

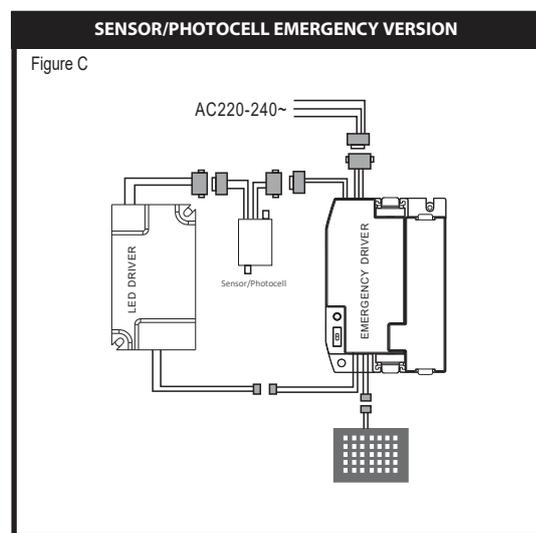
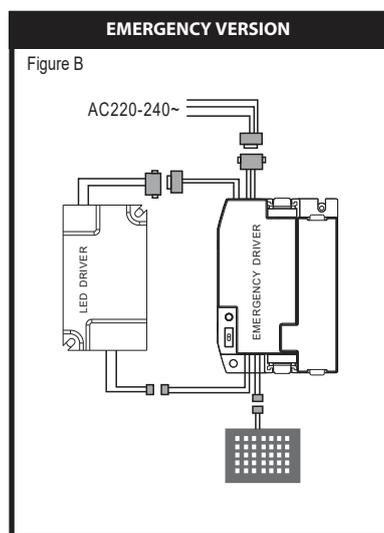
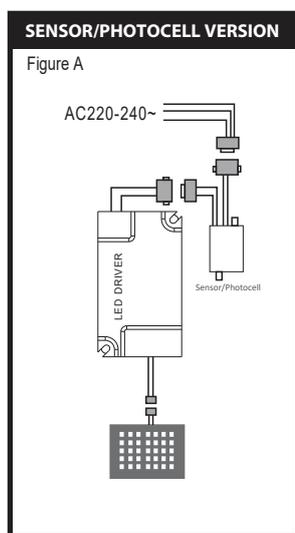
7. **Photocell & Emergency versions**

Follow steps 1-4

Install photocell/sensor and emergency kit as per guides above

Repeat steps 5-7 [See Figure C]

When using either photocell/sensor with emergency pack, a wire link will be required between PL and SL to operate.

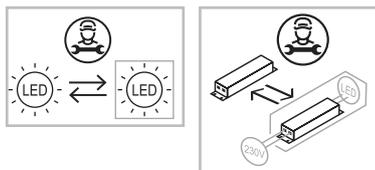


## Warranty

This product is guaranteed for a period of 5 years from the date of purchase. The warranty is invalid in the case of improper use, tampering, removal of the Q.C. date label, installation in an improper working environment or installation not according to the current edition of the I.E.E. Wiring Regulations (BS7671). The warranty is also invalidated if the luminaire has been insulation tested. Should this product fail during the guarantee period it will be replaced free of charge, subject to correct installation and return of the faulty unit. We do not accept responsibility for any installation costs associated with the replacement of this product. Your statutory rights are not affected. We reserve the right to alter specifications without prior notice.

## Maintenance

- This fitting will require routine cleaning if used in adverse (dust, paint, welding, oils etc) environments. Do not use solvents, aggressive detergents or abrasives.
- The light source & driver in this luminaire can be quickly and easily replaced at end of life. This should be carried out by a competent person. Contact Red Arrow for details of replacements.



- When this fitting comes to the end of its life or you choose to replace it, please do not dispose of it with your normal waste. Please recycle where the facilities exist, check with your local authority for suitable options.

1-8OUTDOORLIGHTING/FUSION/V1