

INSTALLATION INSTRUCTIONS

Castor Asymmetric CCT Floodlight

Product Codes: **CA50-T3-CCT, CA100-T3-CCT, CA150-T3-CCT, CA200-T3-CCT, CA240-T3-CCT, CA300-T3-CCT, CA350-T3-CCT, CA400-T3-CCT, CA500-T3-CCT.**

Safety Warning



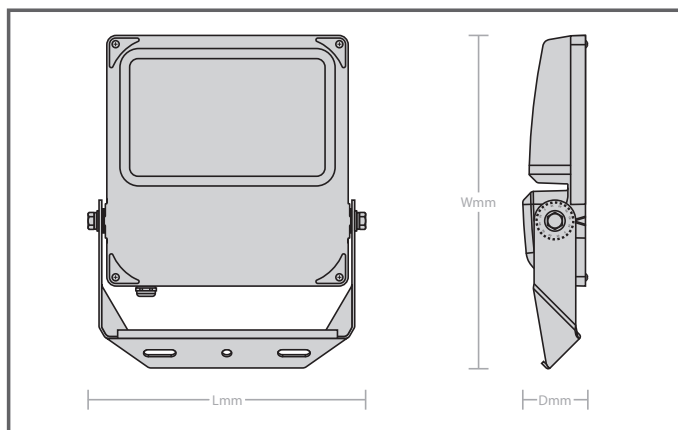
- The installation should be carried out by a qualified electrician in compliance with the current edition of the IEE Wiring Regulations.
- Prior to installation, carry out the necessary risk assessment considering the people who could be at risk, the level of risk and the precautions required to control 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 the 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.
- The Luminaire may become hot under normal operation, this is normal. Consideration must be taken when choosing a suitable location for mounting. If required protective cages or equivalent (not supplied) can be used to prevent touching of the hot surfaces.
- Keep out of reach of children.



Specification

Box Contents - 1 x Castor Asymmetric CCT Floodlight

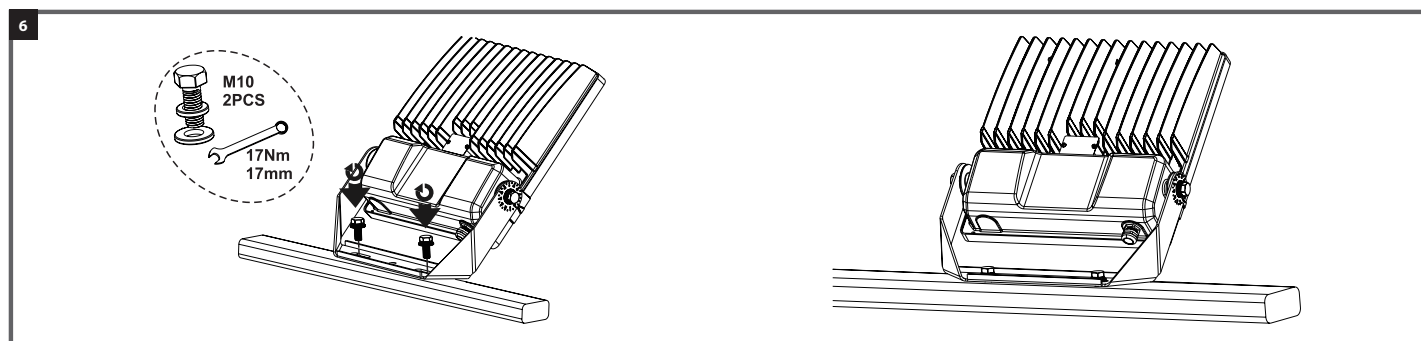
Dimensions:	CA50-T3-CCT	L: 288 x W: 232 x D: 56 mm	Weight: 1.55kg
	CA100-T3-CCT	L: 320 x W: 265 x D: 56 mm	Weight: 2.22kg
	CA150-T3-CCT	L: 355 x W: 292 x D: 56 mm	Weight: 2.92 kg
	CA200-T3-CCT	L: 396 x W: 332 x D: 56 mm	Weight: 3.59kg
	CA240-T3-CCT	L: 455 x W: 396 x D: 64 mm	Weight: 5.55 kg
	CA300-T3-CCT	L: 455 x W: 396 x D: 64 mm	Weight: 5.55 kg
	CA350-T3-CCT	L: 624 x W: 407 x D: 89 mm	Weight: 11kg
	CA400-T3-CCT	L: 624 x W: 407 x D: 89mm	Weight: 11.77kg
	CA500-T3-CCT	L: 624 x W: 407 x D: 89mm	Weight: 12.7kg
Material:	Body: Aluminium Lens: Tempered Glass		
Working Temperature:	-30°C - 50°C		



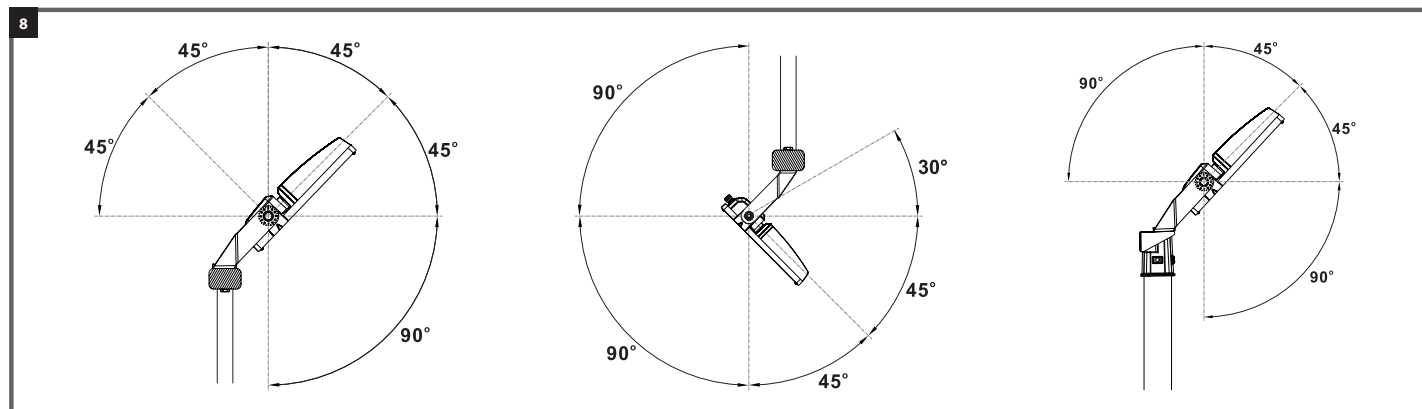
Installation Instructions

Note: This is a Class I Luminaire - Earth connection is required

- Isolate the mains supply before commencing the installation.
- Ensure there is adequate free air circulation of at least 100mm around the luminaire. All luminaires run hot. It is the installer's responsibility to consider any fire risks and take appropriate precautions.
- The nearest illuminated surfacemust be at least 0.5m from the front of the fitting.
- Do not install or use if the glass is broken. Replace the luminaire.
- Select a suitable, solid mounting surface and fixings that are capable of holding the weight of the luminaire.
- Make the fixing positions using the bracket as a template, then fix the bracket to the wall or mounting surface with suitable fixings (not included).
- The fitting can also be fitted using a corner bracket, clamp kit or post top bracket where a suitable kit is available (all by others, not supplied).



8. To adjust the floodlight aiming angle, loosen the screws holding the bracket to the body, adjust and re-tighten the screws when the desired angle is achieved.

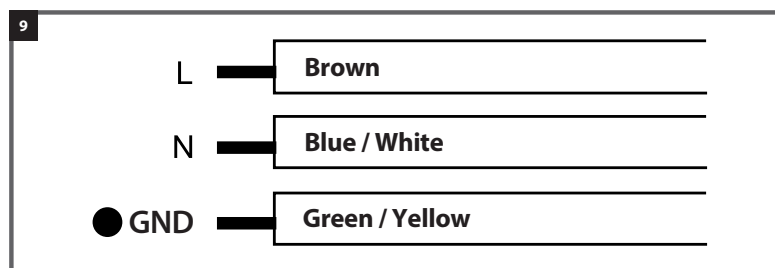


9. Connect the cable correctly to the supply using a suitable IP rated connector or junction box (not supplied), observing the colour-coding shown below. Ensure all electrical connections are tight with no loose strands:

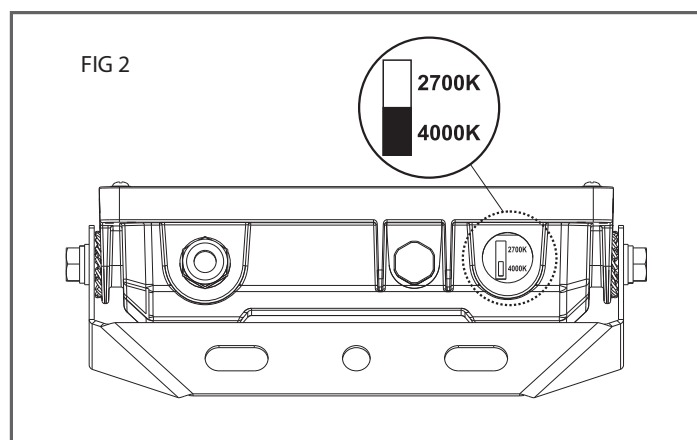
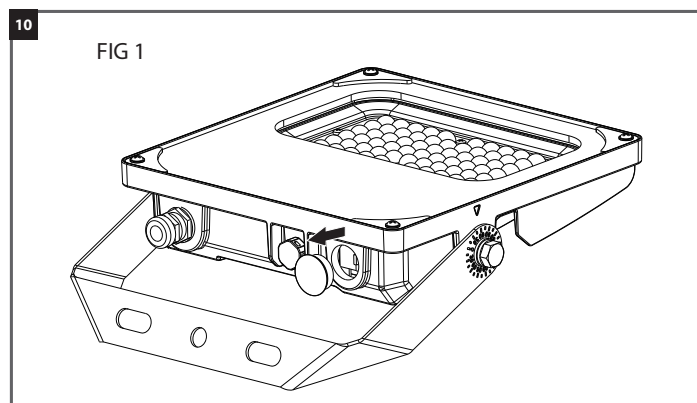
Live = Brown

Neutral = Blue / White

Earth = Green / Yellow



CCT



- Remove IP cover as shown in Fig 1.
- Select CCT (fig 2)
- Re-fit IP Cover ensuring it is tight to maintain IP rating of the fitting.

11. Restore the mains power supply and check for correct operation.

Please note this is an IP66 rated product, take care not to break any seal as this will affect it's water resistant rating.

Additional Information

- Please note this is an IP66 rated product, take care not to break any seal as this will affect it's water resistant rating.
- Do not modify this product. Any modification to this fitting will void the warranty
- Red Arrow will not take any responsibility for any product damage caused by mounting procedures which are not in accordance with these instructions.
- * **WARNING:** When used in areas which produce caustic gases (swimming pools) it is recommended to exchange the installed vent at the rear with an impervious gland to prevent ingress of gases and LED chip damage, glands available for special order.

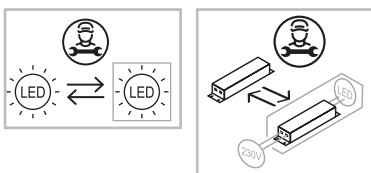
* **NOTE:** Applies to 240W - 500W ONLY

Warranty

This product is warranty for a period of 7 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 warranty 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 LEDs and driver in this product can be replaced at the end of life. This must be carried out by a professional, competent person. Contact Red Arrow for full details.



- When this fitting comes to the end of it's 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.

INS/OUTDOOR/CA/CCT/V1