



Description – Carina 10W LED Floodlight



Installation Instructions

Luminaire Code(s) – ACALED10 & /PIR

Important Safety

1. Before installation, maintenance or lamp replacement, ensure that the mains supply to the luminaire is switched off and the circuit supply fuses are removed or the circuit breaker is turned off.
2. It is recommended that only a qualified electrical contractor carries out the installation of this luminaire and that the luminaire is installed in compliance with the current edition of the IEE Wiring Regulations.
3. The person carrying out the installation is to check and verify that the total load on the circuit, including that of this luminaire does not exceed the rating of the circuit cable, fuse or circuit breaker.
4. Where a luminaire incorporates discharge control gear (inductive load), the circuit capacity and ratings require careful sizing to avoid nuisance tripping of the protective device used in the installation.
5. Where applicable, careful consideration should be taken during installation to ensure that all fixings and/or suspensions are of a suitable size for the luminaire being installed.

Ratings

1. All luminaires are manufactured & tested in compliance with the requirement contained within BS EN 60598 and are CE marked.
2. All luminaires that are of Class 1 construction and that are marked accordingly, MUST be earthed.
3. All luminaires are designed to operate at 230Volts AC -6%/+10% = 216Volts to 252Volts. Do not operate outside these voltages.
4. All luminaires are only suitable for applications within their rated Ingress Protection limits as stated.
5. **This luminaire is designed for external use only.**

Exclusions to Warranty

Please Note - The limited warranty shall be null and void in the following circumstances:-

Failure by the installer, end user or any third party to exercise caution to protect any covered product or part from outside damage, adverse temperature (normal operating ambient temperature 0 - 25°C), humidity conditions, fluctuations in the electrical system or physical abuse as well as failure related to workmanship in the installation of the products or parts.

Installation

- Remove mounting bracket to facilitate installation.
- Position and fix the bracket to a suitable solid surface using suitable fixings. Care should be taken to ensure a secure fixing.
- Secure luminaire to installed bracket and tighten Allen bolts.
- Luminaire is supplied pre-wired with 500mm of rubber insulated cable. Supply cable to be terminated in a suitable junction box enclosure. Ensure correct polarity is observed

Connect as follows:-

LIVE	(L)	BROWN OR RED	(switched)
NEUTRAL	(N)	BLUE OR BLACK	
EARTH		GREEN / YELLOW	

- Supply cable should be installed with adequate drip loop to prevent ingress of moisture through the cable gland.
- Restore mains supply, switch on and test for satisfactory operation.

Notes:

- Care should be taken when positioning luminaires with integral photoelectric cells. For optimum operation, luminaires should be installed in a north or south facing orientation.
- Avoid installing close to high reflectance surfaces.
- Avoid locations where the photoelectric cell would have difficulty detecting the daylight.
- Avoid locations where the photoelectric cell could detect light from other lighting equipment.
- Do not install near timed light sources or in shaded areas as the PIR / light sensor could be inadvertently triggered.
- Do not cover the device.
- **Adequate clearance must be allowed between any point on the rear of the luminaire & the surface above in order to allow for adequate air circulation.**

PIR Module - Set-up

It is recommended that the installing engineer makes any adjustments during initial installation.

Please ensure that the fixture is fully isolated when making any alternations to the PIR settings.

Functions / Dial Settings

Sens- 12M Fixed

Time- 10 seconds to 8 minutes

Lux- 3 Lux - Photocell Off

Override Facility

- Install a switch onto the incoming live supply to the ACALED10/PIR. Switch the fixture on for 5 seconds then switch off and on to manually over-ride the fixture.
- To remove the override feature turn the switched live off for 10 seconds and turn back on.



