

Description – Mira 200W LED Floodlight

Installation Instructions

Luminaire Code(s) - AMLED200

General Installation Instructions

These instructions should be read carefully prior to any installation and retained after completion for further reference and maintenance. Please give these instructions to the building owner/occupier after installation.

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 253Volts. Do not operate outside these voltages.
- 4. All luminaires are only suitable for applications within their rated Ingress Protection limits as stated.
- 5. Max ambient temperature 25°C

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 1 metre of rubber insulated cable. Supply cable to be terminated in a suitable junction box enclosure. Ensure correct polarity is observed.
- Please see electrical connections below.

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.
- If the supply cable is replaced please use rubber HO5RN-F cable to provide adequate water ingress protection.
- It is the installer's responsibility to ensure all connections and seals provide adequate IP ratings as per BS EN 7671 17th Edition Wiring Regulations.
- Restore mains supply, switch on and test for satisfactory operation.

Notes:

• 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.





Lighting Installations:

It is suggested that the following information be read when undertaking exterior floodlight installations.

- E1 Intrinsically Dark Areas
- Low District Brightness Areas E2
- E3 Medium District Brightness Areas
- E4 High District Brightness Areas

National Parks, Areas of Outstanding Natural Beauty, etc Rural and Small Village locations Small Town Centres and Urban Locations Town & City Centres with a high level of night-time activity

Where the area to be illuminated is in the vicinity of two categories, then it is suggested to adopt the more restricted option.

Obstructive light Limitations for Exterior Lighting Applications

Environmental	Sky Glow ULR	Light into Windows Ev (Lux)		Source Identity		Building Luminance before Curfew	
Zone	(Max. %)	Before curfew	After curfew	Before curfew	After curfew	Ave. L (cd/m ²)	Max L (cd/m ²)
EI	0	2	I	0	0	0	0
E2	2.50	5	I	20	0.5	5	10
E3	5.00	10	2	30	1.0	10	60
E4	15.00	25	5	30	2.5	25	150

ULR

L L

Vertical Illuminance in Lux Εv

Light intensity in Candelas

Luminance in Candelas per square metre

Light into windows values are suggested maximums and need to also include any existing light at the point of measurement 1.

- 2. Source Identity applies to each source in the potentially obstructive direction, outside the area of Illumination
- 3. Building Luminance should be limited to avoid over lighting and relate to the general brightness. This relates directly to buildings being illuminated rather than spill light from other lighting installations or fittings mounted on buildings to illuminate other areas.

Upward Light Output Ration of the installation and is the maximum permitted %age of the luminaire flux for the installation

This information is for guidance purposes only and may be supplemented by any local requirements imposed the local planning department in which the lighting is to be installed. It is recommended that the relevant planning department be contacted prior to the installation taking place.

It is also suggested that the following legislation is also considered prior to the installation of exterior lighting. -

Section 102 of the Clean Neighbourhoods and Environment Act 2005 amends Section 79(1) of the Environmental Protection Act 1990 to extend the statutory nuisance regime to include statutory nuisance from artificial lighting: (fb) - "artificial light emitted from a premises so as to be prejudicial to health or a nuisance".

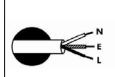
Maintenance:

1. This luminaire contains no serviceable parts.



Disposal of Electronic Equipment WEEE Directive 2002/96/EC

This product falls within the scope of the Waste Electrical & Electronic Equipment Directive (WEEE), which means the product should not be disposed of as normal household waste. Ensure that this luminaire and lamp is disposed of in accordance with the WEEE Directive. Contact a local Council Waste Dept. Local Amenity Site, or the DTI for further information. RoHS - All components and materials used in this product are RoHS 2002/95/EC compliant.



Blu	e/E	Black
N		
•	۲	•
L	0	•
Broy	wn /	Red

Page No. 2

www.anselluk.com

20150429 Issue Date: