



Sirius

Installation/Configuration Manual



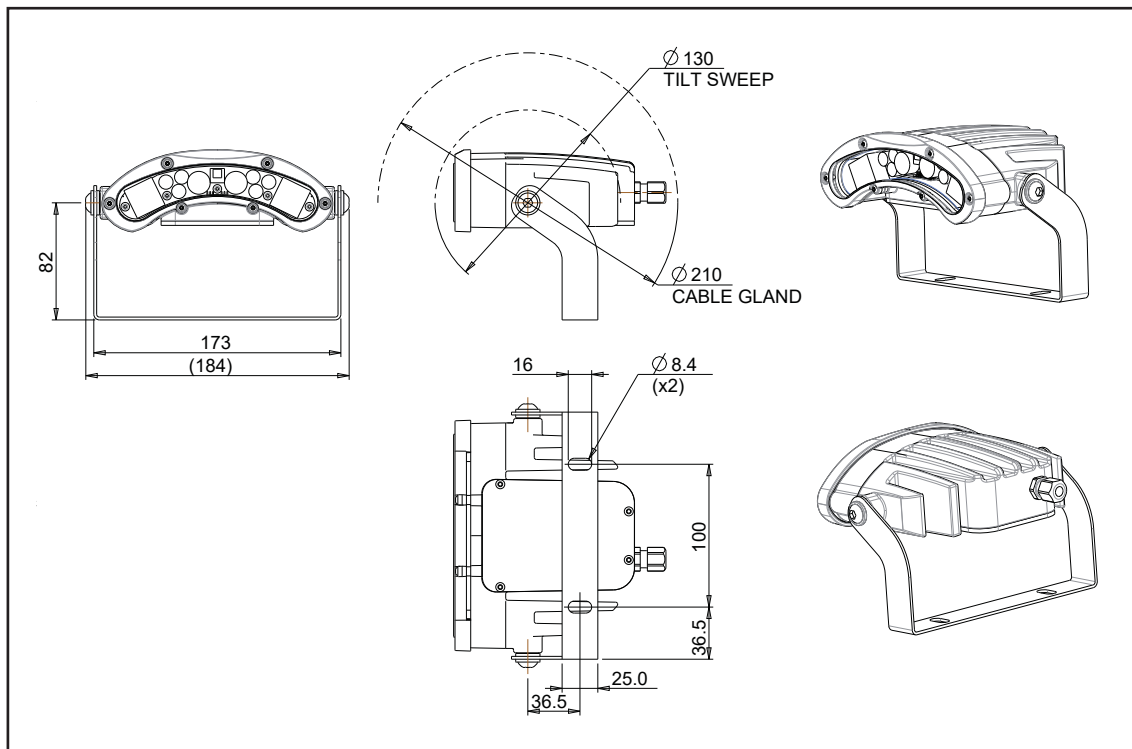
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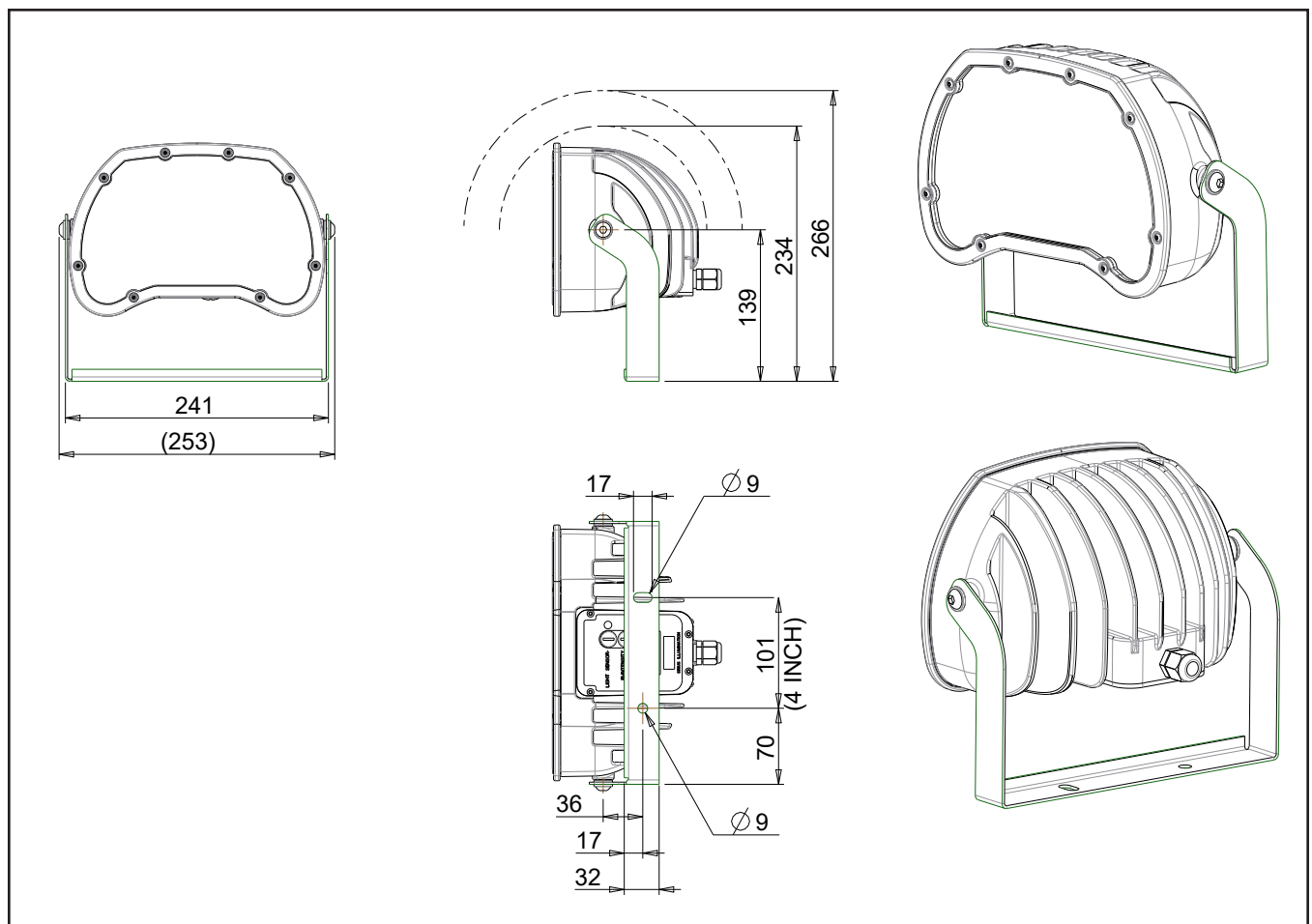
1 Safety and Precautions

1. Please read these notes before attempting to operate the 360 Vision Sirius, and keep for future reference.
2. DO NOT disassemble or remove covers. This will break the water seals and invalidate the warranty.
3. All servicing and repairs must be handled by 360 Vision Technology.
4. Installation should be carried out by suitably qualified personnel, in accordance with local codes of practice and regulations.
5. 360 Vision Technology Limited accept no liability for any damage caused by incorrect or improper installation.
6. Use only 360 Vision Sirius power supplies.
7. Please handle the Sirius with care, as improper handling may cause damage within this unit.

2 Dimensional Drawings

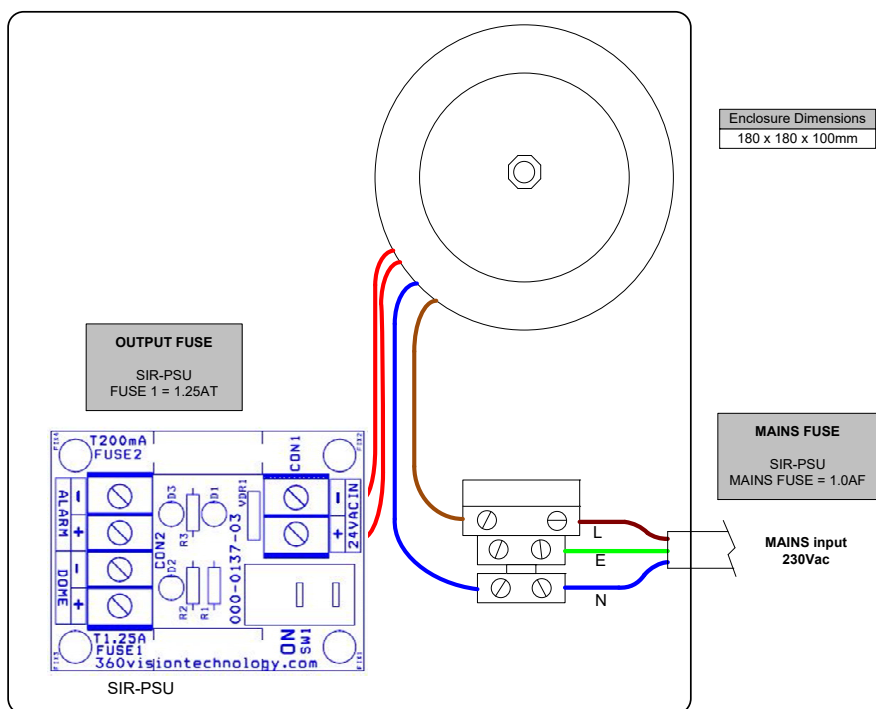


Sirius LED Array

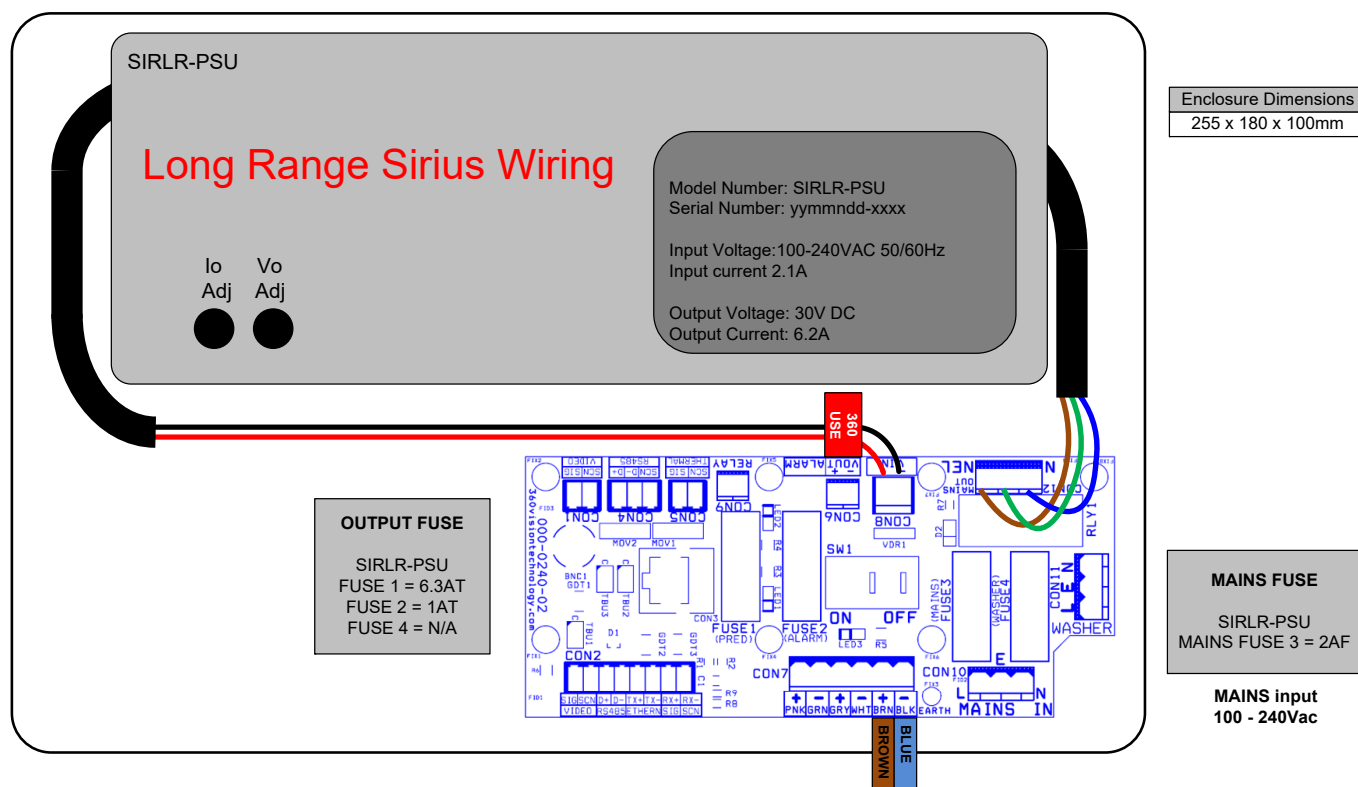


Long Range Sirius LED Array

3 Connections



Sirius LED Array PSU



Long Range Sirius LED Array PSU

The power connection is supplied as a standard length of 3m cable

Red/Black - IR & WL version

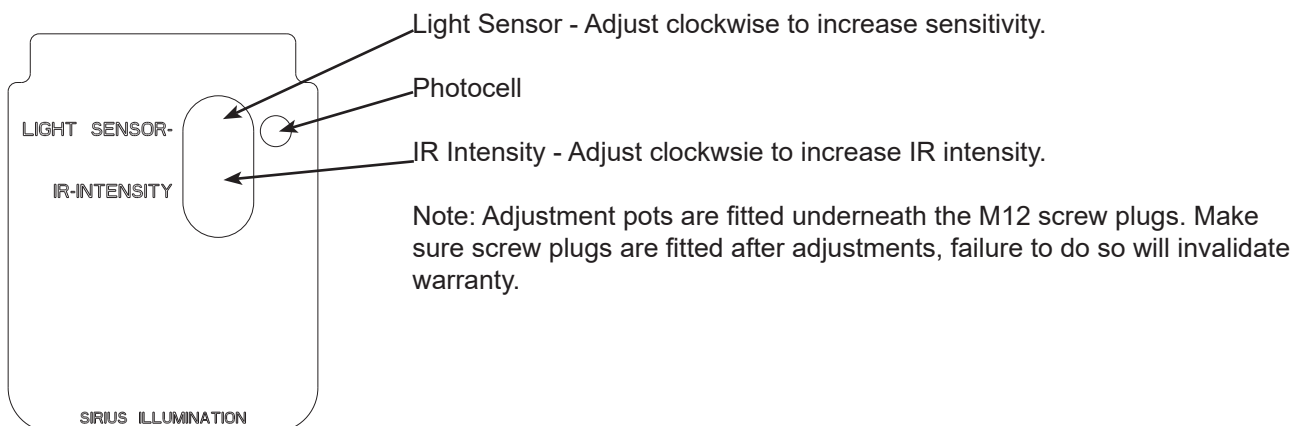
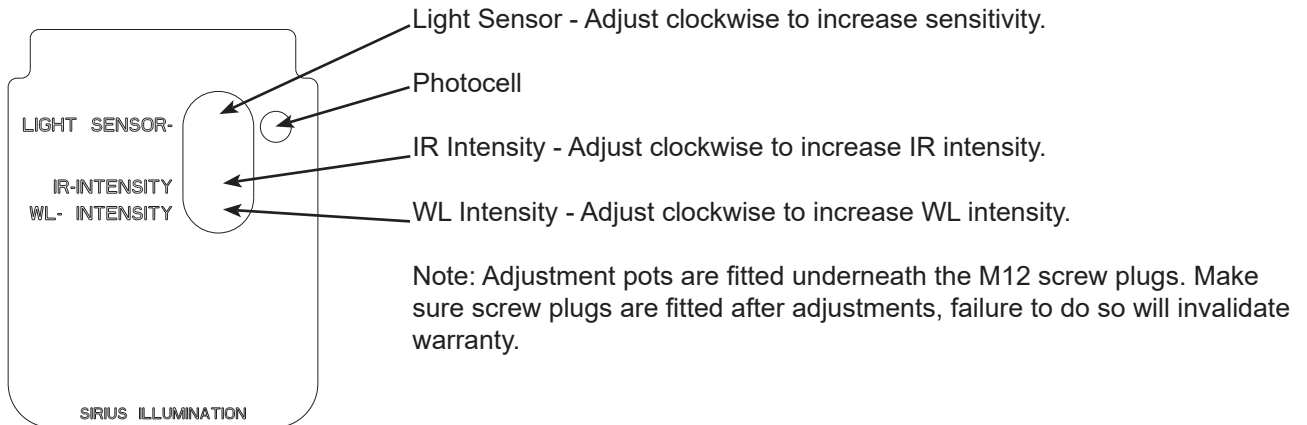
Blue/Brown - IR only version

- 24Vdc - 36Vdc (Max)
- 24Vac - 28Vac (Max)

The white light connection is supplied as a standard length of 3m cable (orange/white)

- Normally Open Volt Free contact
- Contact ratings - 1A 30Vdc (Resistive) or 0.5A 125Vac

4 Configuration



5 PSU Enclosure

Material	PC/ABS
Dimensions (SIR-PSU enclosure)	180 x 180 x 100mm
Dimensions (SIRLR-PSU enclosure)	255 x 180 x 100mm

6 Important - Care of Painted Surfaces

The powder coating applied to the Sirius LED Array external housing is recognised as being in the forefront for quality and finish. However, in order to preserve the aesthetic finish it is recommended that the coating is regularly cleaned.

Regular cleaning on a maximum three month interval, using warm and mild detergent must be undertaken. Abrasive cleaners including strong solvent must NOT be used at any time.

In areas where the coating may come in contact with concentrated atmospheric pollutants [marine, chemical and especially bird droppings] it would be prudent to clean more frequently e.g. monthly.

Full documentation of the cleaning schedule MUST be maintained to ensure that a warranty claim can be considered.

If damage occurs to the coating (e.g. the Sirius LED Array is dropped, scrapped etc), repairs MUST be carried out immediately.

When the Sirius LED Array is installed in areas where there is a high risk of damage from birds or their droppings, additional precautions and measures should be used to keep the birds away from the Sirius LED Array e.g. fit anti-bird spikes.

7 Storage and Handling

Sirius LED Arrays should be handled with care and must not be dropped. When Sirius LED Arrays are being stored before installation they should be kept in the transit packaging and located in a dry indoor environment preferably between 1°C and 35°C which is dry and dust free. Humidity should such that water vapour is non-condensing. Sirius LED Arrays can be allowed to be outside this range for short periods of time (24 hours maximum) for transport (e.g. in aircraft or vans) but must never be allowed to be outside the normal operating temperature range of -40°C to +60°C even during storage. Before installation the Sirius LED Array should be clean and dry. (If necessary it should be cleaned and dried taking care that the glass is not scratched).

8 Warranty

This information and/or any technical information – whether received verbally or writing – is given in good faith but without warranty and this also applies where proprietary rights of third parties are involved. The information provided does not release you from your obligation to check its validity and to test the products suitability for the intended purpose(s) and use(s). The application, use and installation of the products either in isolation or in conjunction with other products used, provided and installed by you on the basis of the technical advice issued are beyond our control and therefore remain entirely your own responsibility.

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