KSR9916 - KSR9918

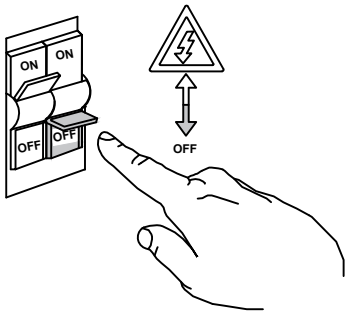
Coria - 20W 4CCT LED Bollards - Cast Aluminium - 450mm, 750mm & 1000mm Heights - Black

This product is suitable for external use.

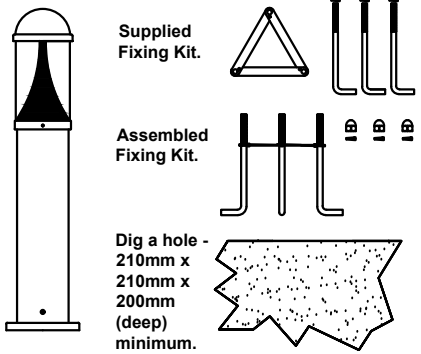
Installation Instructions

Read these instructions before commencing installation. Please give these instructions to the owner/occupier after installation to retain for future reference/maintenance.

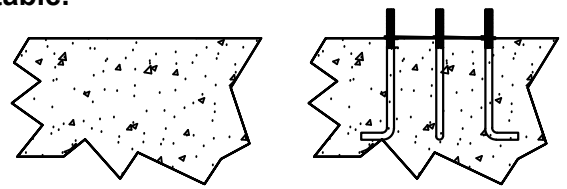
1 **Isolate mains supply.**



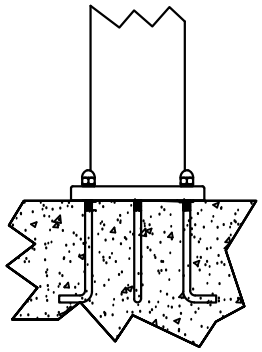
2 **Make up the supplied fixing kit as shown, dig a hole at least 210mm x 210mm x 200mm deep. Direct suitable cable from the source to the centre of the hole ensuring there is enough cable to reach the terminal block for your version of bollard.**



3 **Pour concrete into the hole and whilst still wet, insert the fixing kit, ensuring that the threaded bars protrude the correct length to fix the bollard base & ensure the surface is even & stable.**



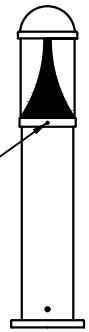
4 **Once the concrete has set, fix the bollard base to the fixing kit using the spring washers and nuts provided.**



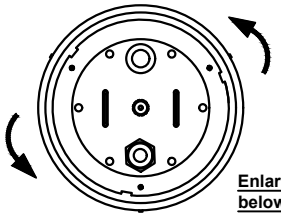
DO NOT Force or overtighten the anchor bolts as this can put a strain on the other fixings.

See overleaf for more info.

5 **Remove the head by loosening the 3 grub screws and pulling off.**



Once head is removed, hold upside down, to remove lampholder tray turn anti-clockwise



Enlarged below view.

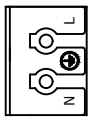
6 **Route rubber supply cable through the cable gland (8mm-12mm) and terminate wiring as below ensuring a water tight connection.**

Mains Supply. **Luminaire**

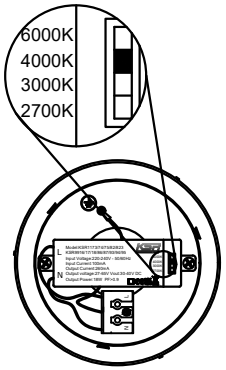
Live — L- Brown

Earth

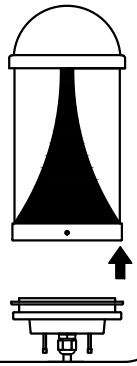
Neutral — N - Blue



7 **Once terminated you will need to Select your desired colour temperature via the selection switch on the LED Driver (Do not switch with power on) this is located on the underside of the head.**

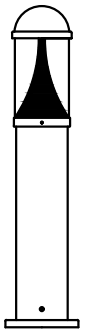


Re-fit the lampholder tray in reverse of removal in step 5 ensuring the seal is in place (insert seal into head and NOT around the lampholder tray).

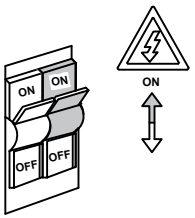


8 **Re-fit the bollard head ensuring the head locates onto the 3 lugs inside the fitting body / shaft, grease the grub screws and tighten.**

Please Note - Not suitable for areas where high pollution and saline maybe present.



9 **Turn on mains supply and test.**



Round headed E27 Versions available KSR9910, KSR9912 & KSR9915



Flat Head LED Versions available :- KSR9993 - KSR9995



Root Mount Kit available KSR9914



See overleaf for concrete kit guidance.

This product contains a light source of energy efficiency class E

Non - Replaceable Light Source

Replaceable Control Gear By a Professional

2 YEARS WARRANTY

Wattage | 20W

2700K | 3000K | 4000K | 6000K

IP65 | IK10 | UKCA | CE

KSR9916 - KSR9918

Coria - 20W 4CCT LED Bollards - Cast Aluminium - 450mm, 750mm & 1000mm Heights - Black

This product is suitable for external use.

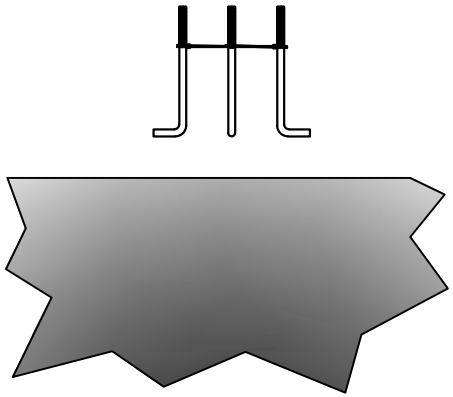
Installation Instructions

Read these instructions before commencing installation. Please give these instructions to the owner/occupier after installation to retain for future reference/maintenance.

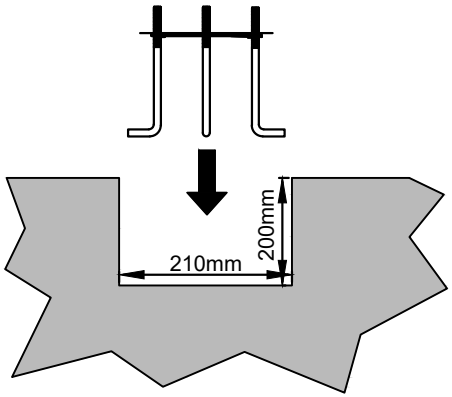
Concrete Mount Kit Guidance for Coria E27, Coria CCT LED Coria II E27 & Coria II CCT LED.

Important Notes

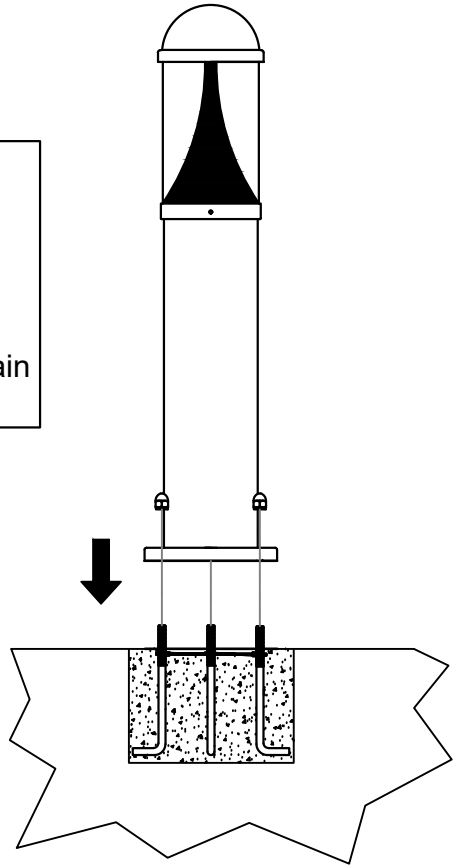
- Do not cover or bury the base.
- Ensure product is fitted to an even and stable surface.
- Do not force or overtighten the anchor bolts this can put a strain on the other fixings.



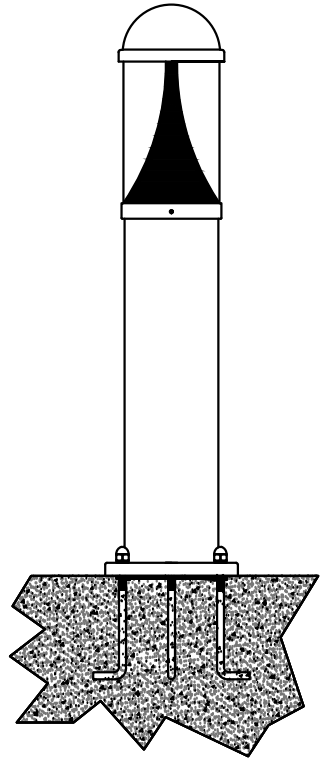
Choose a suitable Location to mount Bollard and assemble concrete mounting Kit.



Prepare a hole 210mm (L) x 210mm (W) x 200mm deep (D), proceed to fill hole with wet concrete mix and ensure hole is leveled off with fixing threads exposed. Make provision for supply cable ensuring any in ground/inline connector is suitably rated and watertight.



With the Concrete mount kit set proceed to attach bollard base to root mount kit threaded rods ensuring that when the base is tightened down that the locking nuts are evenly tightened



With Bollard now securely mounted to concrete base proceed to wire bollard and test.

This product contains a light source of energy efficiency class E

Non - Replaceable Light Source

Replaceable Control Gear By a Professional

2 YEARS WARRANTY

Wattage | 20W

2700K | 3000K | 4000K | 6000K

IP65 | IK10 | UKCA | CE

Important Information

Read these instructions before commencing installation. Please give these instructions to the owner/occupier after installation to retain for future reference/maintenance.

Install Information

It is recommended that these luminaires are installed and fitted by a qualified electrician ensuring the installation complies with current wiring regulations & local building control.

These products are designed for connection to a 240V~50Hz supply. Any faulty, broken or damaged luminaires should be replaced immediately. KSR will not accept responsibility for any claims arising from a poor installation. Please Note: The limited warranty shall be deemed 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 ~ +35°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.

Important User Advice

Always switch off mains supply before servicing. If this luminaire is suitable for indoor use only it should not be fitted to damp or wet surfaces such as freshly plastered or painted walls or ceilings. Do not use Megger or similar high voltage instruments. Due to the fact LED luminaires contains electronic components that maybe damaged by high test voltages, they must be disconnected from the circuit before testing. To prevent damage to the driver, do not mix with conventional magnetic ballasts on the same electrical circuit.

Please note: Depending on the amount of fittings on a circuit you may have to upgrade the breaker type due to the way electronic LED drivers start up with higher inrush currents compared to halogen lighting. If a dimmable fitting see the recommended dimmers list @ www.ksrlighting.com as well as available LDT Files. For any other questions please call our After Sales on 02392 674343

External Products

All of our external fittings must be installed by a qualified electrician and adhere to the regulations required for the installation. It is also recommended a quarterly cleaning schedule for products to be wiped down with a soft cloth, a petroleum based protective substance similar to WD40 can be used for extra protection against the elements. It is also recommended that all fixings and moving parts are greased prior to installation and again quarterly if required. Do not try to seal any exterior product yourself.

Waste Electrical and Electronic Equipment (W.E.E.E.)

Under the Waste Electrical and Electronic Equipment (WEEE) Regulations, any KSR Lighting product displaying the crossed-out wheeled bin symbol must not be disposed of with general household or commercial waste. KSR Lighting does not charge customers any additional fees for the collection, treatment, recycling, or disposal of WEEE-compliant products. To help protect the environment and human health, end-of-life electrical products should be separated from other waste streams and disposed of through appropriate recycling facilities. Correct disposal enables valuable materials to be recovered and reused while reducing the environmental impact of waste. Customers are encouraged to contact their local authority, recycling centre, or retailer for information on available collection and recycling services in their area. Where a WEEE disposal charge was included by the supplier at the time of purchase, customers should contact that supplier directly regarding any take-back arrangements and the appropriate disposal of the product.

Warranty

All products carry at least a 1 year warranty, some items are 3 years and the majority of the range is 5 years, please go to www.ksrlighting.com for full warranty details - Should a product fail within the warranty period, KSR will repair or replace. KSR will not accept any responsibility for costs associated to the replacement of the product.

KSR Lighting Ltd, Optimum House, Beeding Close,
Southern Cross Trading Estate, Bognor Regis, West
Sussex, PO22 9TS.

Contact KSR After Sales :-
02392 674343
aftersales@ksrlighting.com