ROhS REACH

® International patent

UK - INSTALLATION GUIDE

1312-B	**WHITE**	Universal LED Flat Light
1313-B	**RGB**	Universal LED Flat Light (with remote control)

Warning

Failure to comply with the instructions given by the manufacturer in this manual regarding installation, operational start up and maintenance of the product exonerates the manufacturer or the distributor from any liability for damages affecting persons, the concerned product or the other installations, and shall void the guarantee.

Installation, repair and maintenance operations must always be carried out with the product disconnected from the electricity supply

The product should not be powered by a voltage of more than 12 Volts

Persons installing the product must be suitably qualified and be familiar with the BS 7671:2008 IEE Wiring Regulations 17th Edition: SPECIAL WIRING FOR SWIMMING POOLS

Conditions of use, storage and shipment :-20°C / + 65°C

It is recommended to install a protection device against excess voltage coming from the main electric supply to prevent irreversible damage to the product..

GUARANTEE This LED bulb is guaranteed 24 months against any materials and/or manufacture defect (electronic components) from the date of delivery. (Please keep the purchase invoice/receipt)

The bulb is not guaranteed against problems coming from excessive voltage, electrical overload, electric short-circuit or excessive over tightening of light housing.

The product is not guaranteed against electrical voltage surge coming from the external power supply. (In this case, refer to the house insurance coverage)

This guarantee is conditioned with the strict respect of these instructions of assembly and maintenance. Under this guarantee, the only obligation falling on the manufacturer or distributor will be the free replacement or repair of the product or the element found defective by their after sale services. All the other expenses will be the responsibility of the purchaser. For any replacement or repair, the product must be subjected to an inspection to the after-sales service of the manufacturer or distributor.

Any defects and deterioration caused by the fair wear and tear or defects resulting from a incorrect assembly or modification (unless by written agreement of the manufacturer) are excluded from guarantee.

The guarantee is limited to the original customer purchaser and is not assignable.

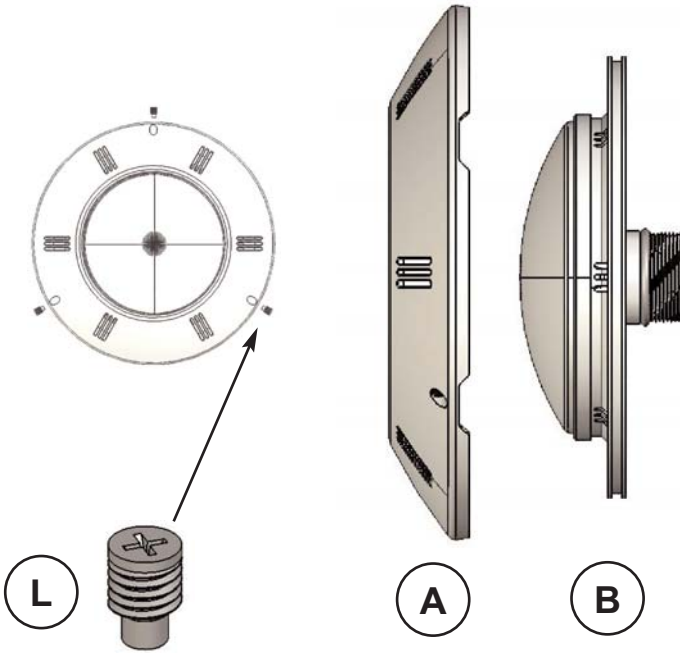
If a defect in materials becomes evident during normal use and service within two years, we will supply replacement parts free of charge, within a reasonable time, without transportation costs (limited to United Kingdom). The manufacturer/distributor/retailer will not be liable for consequential damages to your home or other equipment, loss of time, inconvenience or loss of use of the LED light.

UK IMPORTER - PARAMOUNT POOLS LTD Copyright ©

UK COMPONENTS

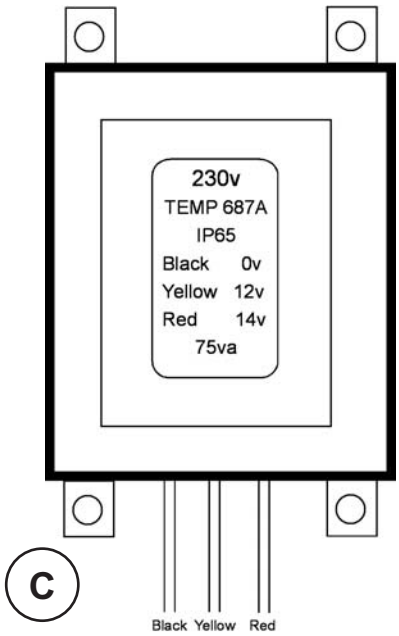
Light

1312-B WHITE Universal LED Flat Light
1313-B RGB Universal LED Flat Light
(RGB supplied with remote control)

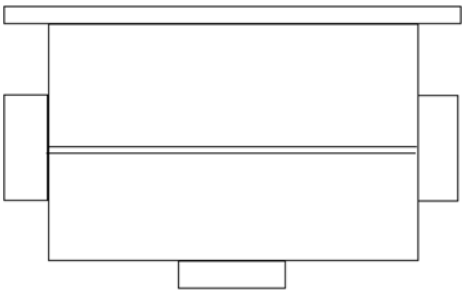


Transformer

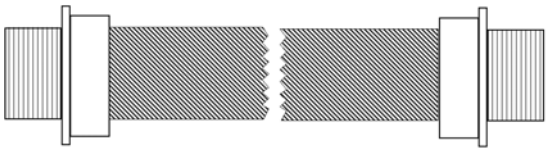
1315-B LED 12v Transformer
(will supply 5 lights)



Deck Box, Conduit & Wall Fitting Kit Code1314-B



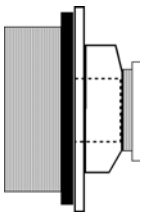
D Deck Box



G Conduit 890mm

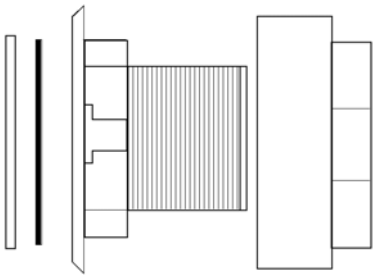
H

Metric- Imperial Bush
Pre -fitted in inlet

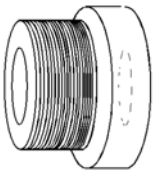


I

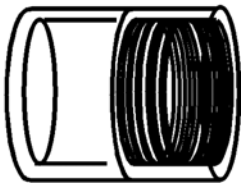
Watertight
Packing Gland



E Universal Wall Fitting
(concrete/liner)



J 1.5” MT - 0.75 FT
(Threaded Reducer
for Conduit)



K 1.5” FP-FT

F 300mm x 1.5” ABS Pipe

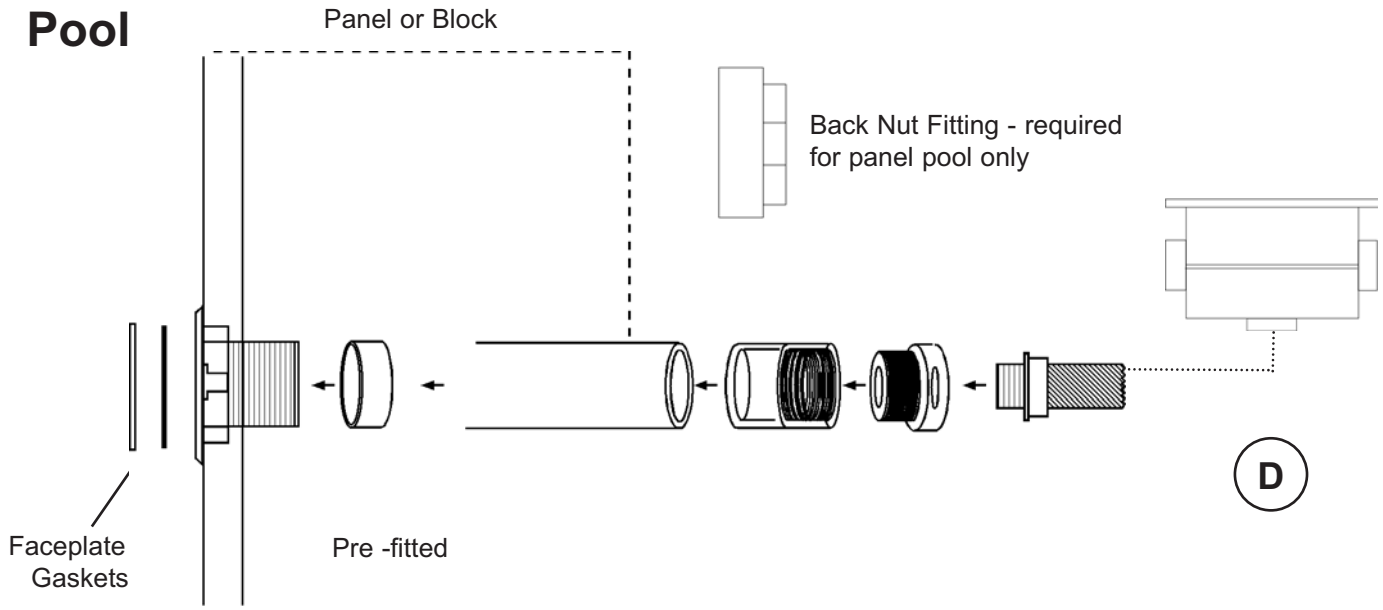
INSTALLATION - You will need the following components to install a complete light system. **1312-B** WHITE Universal LED Flat Light or **1313-B** RGB Universal LED Flat Light (RGB supplied with remote control), **1315-B** LED 12v Transformer (will supply 5 lights), **1314-B** Deck Box, Conduit & Wall Fitting Kit.

Important Notice - UK. Use only the ." outlet fitting supplied by Paramount Pool Products. The universal wall fitting **can be used for either** concrete or liner installation. **DO NOT USE** a standard inlet/outlet fitting from another supplier. Do not use in an above ground pool with flexible wall.

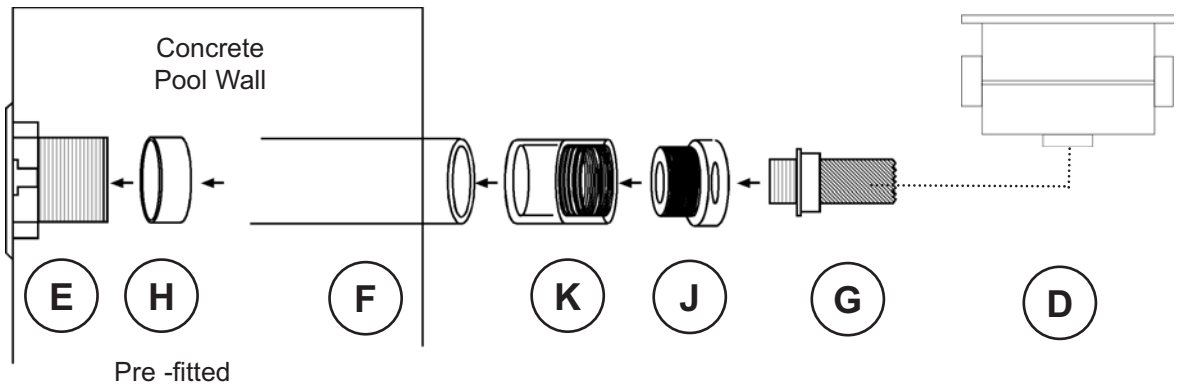
STEP 1 Install Universal Wall Fitting (E) into desired wall structure along with the correct fitting components to enable the flexible Conduit (G) to attach to the Deck Box (D). **Make sure that adequate sealing methods are used i.e. PTFE / Glue to fix component parts together.** See diagram below.

STEP 2 Secure Deck Box into pool surround and thread a draw cord through to wall fitting**.**

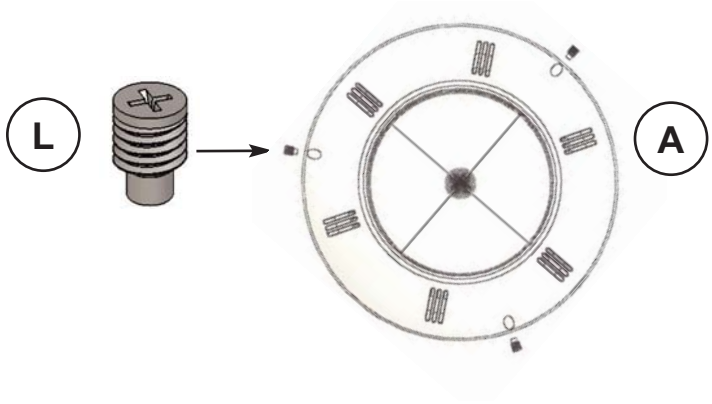
Panel or Block Liner Pool

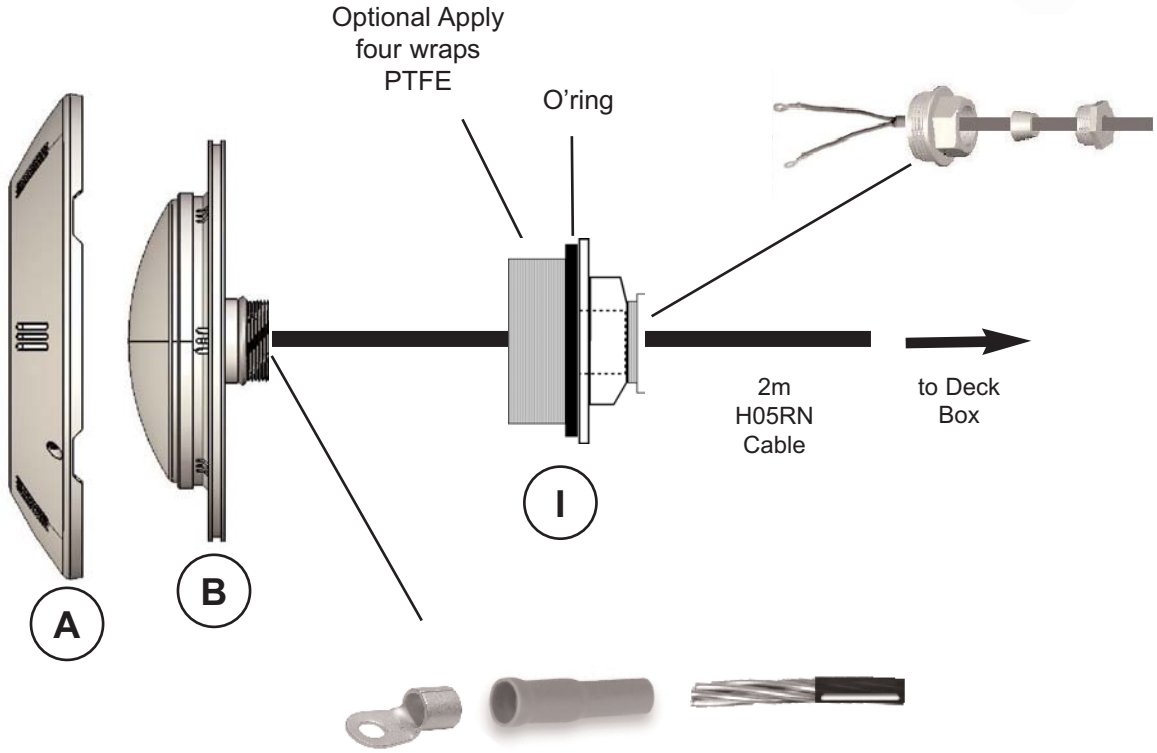


Concrete Pool



STEP 3 Remove ‘ Coverplate (A) from light unit by undoing 3 x cover screws ((L).





Electrical Crimp(s) provided

STEP 4 Thread 2m lighting cable(supplied) through a watertight packing gland (I) and attach to LED light using the electrical crimps provided. Tighten and thread th attached to LED light unit (B) through Wall Fitting, Conduit to Deck Box (D).

STEP 5 Apply six wraps PTFE tape to light unit (B) and insert into wall fitting (E). Hand tighten only. **NOTE.** If PTFE is not applied you may find the light very difficult to undo!

STEP 6 Apply front cover (A) and secure using 3 x screws (L) that were removed in step 3. **IMPORTANT-** do not over tighten cover screws. Coverplate (A) is meant to rotate freely.

STEP 7 The cable must pass through the conduit and connect to a 12VAC power supply in a connection box. Ensure that the bulbs(s) is connected to a transformer of a power at least equivalent to the total of all the bulbs. Electronic or electromagnetic transformers are prohibited.

Have a qualified electrician connect cable to a 12VAC power supply in Deck Box (D). Ensure that the bulbs(s) is connected to a transformer of a power at least equivalent to the total of all the bulbs. Electronic or electromagnetic transformers are prohibited.

IMPORTANT NOTE- VOLTAGE IN EXCESS OF 12 VOLTS MAY SHORTEN THE LIFE EXPECTANCY OF THE BULB

Use only a soft HO5RN cable type from 2 x 1 mm² to 2 x 2.5 mm² with an external mini section 7 mm / maxi section 9.5 mm

Persons installing the supply must be suitably qualified and be familiar with the BS 7671 IEE Wiring Regulations SPECIAL WIRING FOR SWIMMING POOLS

STEP 8 OPERATION...**White LED bulb**- turn on/off manually via isolation switch.

OPERATION...**RGB LED** bulb - has a manual program with 11 static colours and 5 coloured environments controlled by the provided radio remote controller. One remote will control up to five lights. Keep any excess remotes as spares.

Prior to use, the remote must be synchronised with the LED bulb(s). It requires two people to synchronise the bulb(s).

Remote Control pairing process:

1.**First Person:-** REMAIN by the isolation switch and turn on the power.

2.**Second Person:**-install the battery in the remote controller and fully extend antenna.

3.**First Person:**- turn isolation switch **OFF/ON/OFF/ON**

4.**Second Person:-**as soon as the light switches on for the second time press and hold 'O & S' button for two seconds. T**he bulb(s) will flash once** - they are now fully synchronised.

If the bulb(s) fail to flash (upon pairing) repeat above steps. If the problem persists turn light OFF for **over 10 seconds** and then switch back ON again, this resets the light.

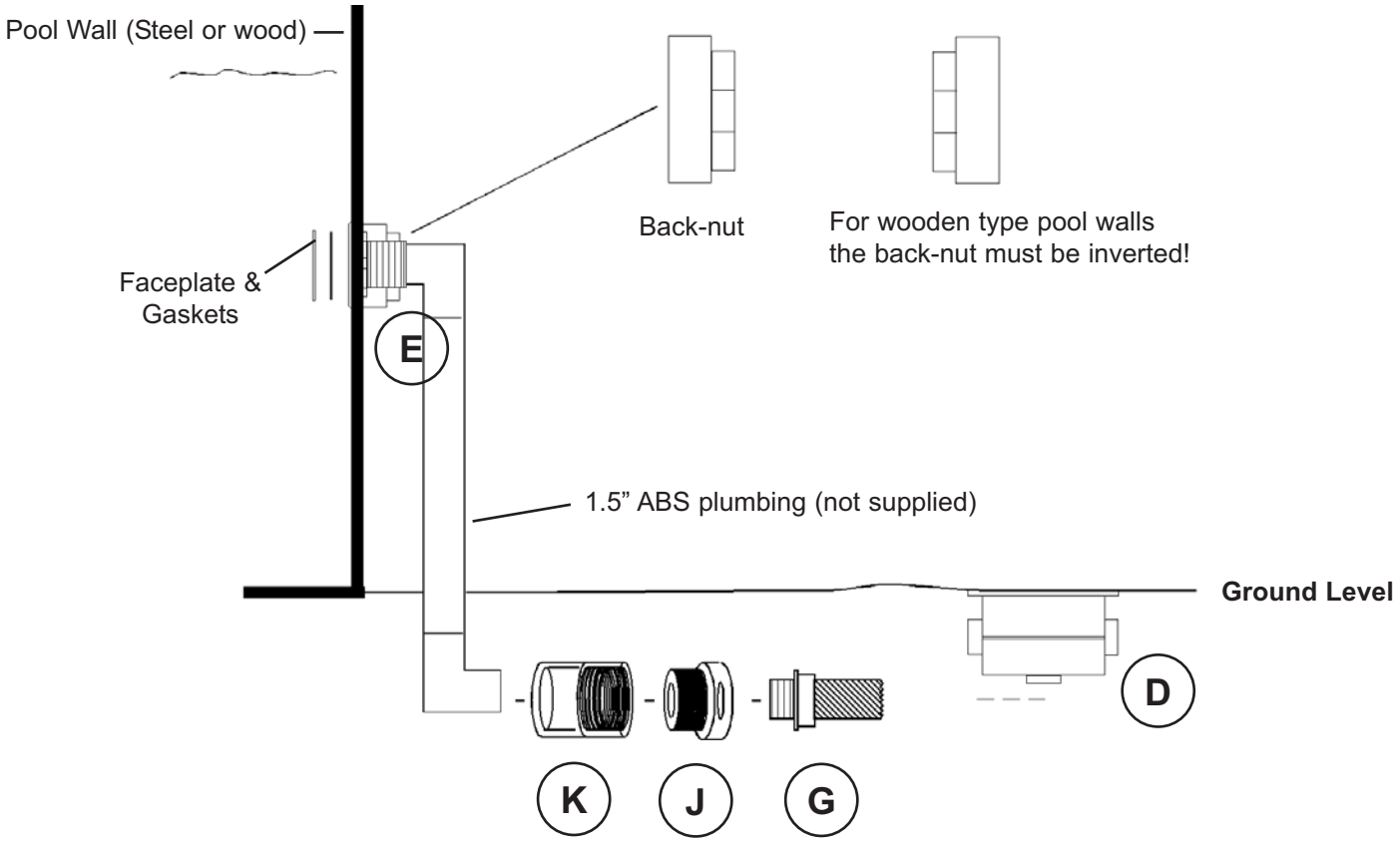
Any metallic elements that are sited near the LED bulb may interfere with the radio reception and reduce operation down to 1 or 2 meters. You may use the main ON/OFF switch to change the programs of the light manually.

Remote function press button **C** for manual selection or **P** for five automatic lighting programmes.

RGB - Remote Control

O - On/off
S - Synchronising Function
C - Colours 1-11
P - Programme 1-5

* Supplied with MN23 type 12v alkaline batteries

Above Ground Pool Installation

- Steel & Wooden walls only
(not suitable for flexible PVC walling systems)